AT Wieland
Components and system components for the control cabinet
• Power supplies
• Overvoltage protection
• DIN rail terminal blocks for electrical installations
• Switching devices for EIB/KNX, LON, radio control
• Flexible flat cable systems
• Combined connectors
• Bus connectors
• Mains connectors IP20/IP65/IP68

AT Subnetwork
PLC systems and NC based control systems
• Special panels
• Automation monitoring & system solutions

AT Wieland
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• DIN rail terminal blocks for electrical installations
• Switching devices for EIB/KNX, LON, radio control
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BI T connectors Wieland
• Round connectors
  • D-Sub connectors
  • Bushings for control cabinets
  • High-current multipole connectors
  • High-density multipole connectors
  • Remote fieldbus interface

PCB connectors Wieland
• PCB trace terminal block on circuit boards
  • with snap connection
  • with screw connection

Fasie
DIN rail terminal blocks with tension spring connection; type WIGW

Technical information
The information regarding our sectional area and connection types concerns the uncoated copper cross sections.

if the terminal blocks are mounted directly adjacent to other certified series and sizes, the required creepage distances and clearances must be adhered to.

If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are used, the information regarding cross sectional area and connection types must be observed.

Technical information
The testing and certifying institutes named in directive ATEX 100a must write out EC certificates for prototype tests. These prototype test certificates for components together with the corresponding quality standards requirements, and the information regarding cross sectional area and connection types must be observed.

The information regarding cross sectional area and connection types must be observed.

the indicated values for the current carrying capability refer to a maximum ambient temperature of 40°C. When the terminal blocks are combined with other certified series and sizes, the required creepage distances and clearances must be adhered to.

If feed-through blocks are mounted directly adjacent to other certified series and sizes, the required creepage distances and clearances must be adhered to.

If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are used, the information regarding cross sectional area and connection types must be observed.

If the terminal blocks are combined with other certified series and sizes, the required creepage distances and clearances must be adhered to.

If the ground blocks of the fasis product family are not used in block assemblies, but are combined with other certified series and sizes, the required creepage distances and clearances must be observed.
DIN rail terminal blocks
with tension spring connection

Our competence

"We at Wieland" don’t do things by halves. Therefore we deliver our products in the highest quality possible and with user-friendly functions. Our 80 years of experience in electrical connections, our more than 20 years of experience in the field of spring clamp technology, as well as the quality certifications according to ISO 9001:2000 and ISO 14001 guarantee this.

"We at Wieland" you’ve got it all! Whether in ships, on cranes, in trains, or simply in control cabinets or systems, various areas of application stand for a unique know-how.

You as our customer determine our future

DIN rail terminal blocks can be found wherever power is generated, supplied, routed and distributed. Since their invention in the thirties of the last century, their basic design has not changed much. However, the entire surroundings in which terminal blocks are used have undergone a radical change – with the corresponding effects on design and performance capabilities of the connection systems.

We want satisfied customers who enter into long-term relations with us.

Squaring the circle for your benefit

DIN rail terminal blocks have to be marked visibly and be clearly assignable; it has to be possible to connect and jumper them flexibly and universally; finally they must enable testing under complete wiring and without having to disconnect the wires.

We have achieved this goal and have implemented these benefits for our customers with our fasis WKFN product series.

Your application is our challenge

Flexibility in connection technology, economic efficiency in stocking and reliability in the application – these are the benefits which fasis offers to our users.

If you require explosion or fire protection, vibration or shock resistance or international approvals for worldwide use then fasis provides the terminal blocks required for your application.

Individual service for your success

Connection technology is not our priority, as we master it anyway and our customers know it. We put our focus on the added value of our systems.

A user-friendly configuration software supports the wiring tasks while a marking software supports the marking activities. And for those who want to simplify their work in the control cabinet, we pre-assemble completely fitted terminal block assemblies – even with cables connected. If required, individual components may be delivered within 24 hours under Wieland service Quick 24.
Since its invention, the tension spring connection technology has been established in the market as an industrial standard along with screw and crimp connection technology. Technical advantages such as easy handling and vibration-proof contacting as well as economic advantages such as time savings and cost reduction in wiring are responsible for this success. Competence in spring connection technology means safety and reliability for the future.

You can find such a wide product range in tension spring connection technology only at Wieland Electric DIN rail terminal blocks, PC board connectors, electronic components, industrial multipole connectors or the pluggable electrical installation system.

### revos – industrial multipole connectors

Our industrial multipole connectors provide reliable protection against dirt, dust and water, vapors, gases and electromagnetic influences. Multipole adapters and contact inserts with tension spring technology are available in all standard sizes and are ideal for rough environments.

The dynamic terminal connection inside the connector ensures a durable and safe contact.

### Electronics – electronic components

The quality of our electronic products is the basis for the high degree of reliability. It is an important advantage of digital bus technology that signal processing is possible in field devices, and that intelligence can therefore be distributed in the field.

For this reason, ricos modules with channels that can be used optionally as input or as output can be as interesting as the clear wiring.

### wiecon – PC board connectors

wiecon is a fixed component of innumerable innovative applications.

Clear identification, simple wire connection and an intelligent test function of the reliable tension spring connection stand for easy handling.

The service-friendly usability of wiecon is guaranteed!

### gesis – pluggable electrical installation

gesis – one name, one system!

The unique variety of components offers solutions for any kind of electrical installation. Consumer devices such as luminaires, sunblind drives, outlets or requirements for IP66/IP68 protection degree such as in automatic car wash systems, ships, airports and soccer stadiums can easily be incorporated in the installation system.
## DIN rail terminal blocks with spring clamp connection

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## DIN rail terminal blocks with spring clamp connection

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DIN rail terminal blocks with tension spring connection

With its *fasis* WKFN series Wieland Electric offers you a complete range of DIN rail terminal blocks with tension spring technology.

The portfolio comprises feed-through and ground blocks with 2, 3 or 4 termination points, two-tier and three-tier blocks, single-tier and two-tier knife-edge disconnect blocks as well as fuse blocks. There are also function blocks with application-specific diode circuits available.

*fasis* WKFN has been designed for use in machine and system engineering as well as for hazardous areas.

**Technical information as per EN 60947-7:**
- Rated cross section: 1.5 – 35 mm²
- Rated current: 17.5 A – 125 A
- Rated voltage: 800/500 V
- Wire range: 0.08 – 35 mm²

### Clearly mark all clamping points

**Benefits:**
- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to termination point for easy wiring
- Simplified troubleshooting for maintenance operations
- Individual marking with the *wiemarc* marking system

### Flexible and universal connection

**Benefits:**
- Clamping body as per gauge plug EN 60947-7
- Connection of solid, fine-stranded and stranded wires up to a conductor size larger than the rated cross section for example WKFN 2,5: 0.13 to 4 mm²
- Connection of fine-stranded wires with ferrules and insulated sleeve up to the rated cross section for example WKFN 2,5: 0.5 to 2.5 mm²

### Jumpering the terminal blocks on two channels

**Benefits:**
- Flexible potential distribution through staggered and chained arrangement of the cross connectors.
- Cost reduction in stockkeeping due to standardized variations (preferred number of poles)
- Potential distribution with supply blocks up to 76 A and standard connectors on feed-through terminal blocks.

### Measuring voltage through integrated testing facility

**Benefits:**
- Testing when fully wired (including cross connector)
- Testing directly at the current-carrying bar
- Function test with modular test adapter through test point in the jumpering channel
**Tension spring connection technology**

**Durable electrical connection**

**Benefits:**
- The tension spring system provides a dynamic clamping connection. Load-controlled and thermal cold flow properties of the connected wires are balanced.
- Maintenance-free and gas-tight electrical connection as specified by the approvals.
- Isolation of electrical and mechanical functions.

**Operating tool**

**Operated with a screwdriver**

**Benefits:**
- Operation of the termination point does not require any special tools.
- For an optimal operation of our DIN rail terminal blocks with tension spring connection we recommend cylindrical screwdrivers with wedge-shaped blades according to DIN 5264 B in the size of the terminal blocks' rated cross sections.
- Also see the accessories for DIN rail terminal blocks on page 73!

**Wire entry guides**

**Safe connecting of “small cross sections”**

**Benefits:**
- Ensures the connection of solid and fine-stranded wires smaller than 1 mm².
- Wire entry guides prevent the wires from being inserted too deeply (smaller than 1 mm²) and enable professional contacting.
- Also see the accessories for DIN rail terminal blocks on page 73!

**Cover with warning symbol**

**Marking live potentials**

**Benefits:**
- Cover with warning symbol snapped onto the blocks indicates (high) voltage even when the main switch is disconnected (VDE 0113).
- The cover can only be removed with a tool which ensures safety.
- Also see the accessories for DIN rail terminal blocks on page 73!

**Materials**

**Selection of high-quality materials**

**Benefits:**
- Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  - Clamping spring: stainless CrNi steel
  - Current-carrying bar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics
  - Temperature resistance: up to 120 °C
  - Creepage resistance: CTI 600
  - Flammability class: self-extinguishing, UL 94-V0

Subject to change without further notice
Power and potential distribution
With our fasis WKFN DIN rail terminal block system we focus on the application’s system and flexibility. This mainly pays off in power and potential distribution. fasis WKFN is consistently equipped with a two-channel jumpering system. Using standard cross connectors the potential can be distributed from the supply block to other DIN rail terminal blocks of type WKFN 2,5 and WKFN 4. Reducing jumpers for terminal blocks larger than 10 mm² are available as accessories for the distribution of high currents. Later extensions of the distribution system are not a problem and can be implemented quickly and flexibly!
What has proven for the termination point of the DIN rail terminal block is continued for the cross connectors, meaning we isolate the electrical and mechanical functions so that the electrical connections durably function as required and contribute to your system’s operational safety.

Jumpering the terminal blocks on two channels
Benefits:
• Power performance through parallel supply of the electrical power
• Flexible potential distribution through staggered and chained arrangement of the cross connectors
• Cost reduction in stockkeeping due to standardized variations (preferred number of poles)

Easy potential interconnection
Benefits:
• Individual interconnection of potentials on the terminal block assembly
• Simply notch through pre-defined cutting edge
• Colored marking of the power circuit with pre-defined marking options

Potenziale einfach verteilen
Benefits:
• Compact and closed design of supply block WKF 16/35 PV/WKFN for wires up to 16 mm²
• Parallel power distribution on one side or both sides to WKFN standard DIN rail terminal blocks
• Power distribution to WKFN 4 or WKFN 2,5 with standard cross connectors IVB WKF 4 or 2,5

Supply power up to 125 A
Benefits:
• Standard DIN rail terminal blocks WKFN 16 and 35 as supply block up to 50 mm²
• Power distribution through reducing jumpers from WKF 35 to WKFN 16
WKFN 35 to WKFN 10
WKFN 16 to WKFN 10

Subject to change without further notice
Function

**Durably and safe “jumpering”**

- The DIN rail terminal blocks with tension spring connection of the fasis product series can be “jumped” using insulated cross connectors without screws.
- IP 20 protection against accidental contact is guaranteed even for inserted cross connectors.
- Isolation of the electrical and mechanical functions enables an optimal selection of materials without any compromise.
- The current-carrying bar makes it possible to apply the DIN rail terminal block’s rated current to the cross connector.
- The contact spring balances the thermal cold flow properties of the current-carrying bar and thus ensures a durable electrical connection.
- Special alloys ensure a low contact resistance and a gas-tight contact area
  - Current-carrying bar: tin-plated copper
  - Contact spring: stainless CrNi steel

Application

**Jumping with a system**

- For the smart jump potential distribution insulated cross connectors in 2 to 20 pole designs are available.
- „Jumping“ cross connectors are available to interconnect non-adjacent potentials to link jump.
- The power jump power distribution up to 125A is implemented using reducing cross connectors – see page 35.

Pre-assembly

**“Jumping” and distributing potentials**

- The jumping potential interconnection is created with notched cross connectors.
- The notched cross connectors
  - can be prepared by the user as required for the application by using the Wieland notching tool, or
  - can be purchased already pre-assembled from Wieland.
- Staggered jumpering with notched cross connectors is only possible with the fasis WKFN series.

Flexibility

**Individually notched cross connectors**

- The notched cross connectors are prepared individually using the AKW/A notching tool.
- In order to easily cut out individual poles the cross connectors provide a pre-defined cutting edge.
- Notched cross connectors will reduce the rated voltage to 400V.
- All cross connectors with several poles provide a pre-defined marking space which enables colored marking of the current and signal flow.
Configuration software for DIN rail terminal blocks, wieplan

**wieplan** was developed to provide you with a powerful software tool for the configuration of terminal block assemblies using Wieland DIN rail terminal blocks. 

**wieplan** is available in 4 languages. It is user-friendly and its intuitive user interface guides you step by step through the entire configuration process. After completion you can optionally order your configured terminal block assembly from Wieland for complete pre-assembly.

Thus **wieplan** helps you to save time and money.

### Benefits:
- **Managing projects**
  - To begin each configuration you automatically start from the basic project management menu.
  - You create new projects and are reliably guided through the easy and practice-oriented program logics.
  - You always have the choice of either opening an already existing project or of creating a new one.

- **Configuring terminal block assemblies without errors**
  - You work with high-quality graphs viewing the terminal blocks from the top; the accessories added are visible at any time.
  - You continually use the plausibility check that reminds you of the accessories required such as end plates.
  - You are provided with a product catalog with search function; you can add your own order numbers, if required; and you can create libraries for self-defined products.

- **Entering order data**
  - You enter your data such as invoice and delivery address in the order data screen only once and can use them for any follow-up orders.
  - You may order by e-mail; in this case the terminal block assembly data are zipped automatically.

- **Terminal block assembly output**
  - You print out the order, the parts list and the drawing data, and, if required, your own order numbers.
  - You create a DXF file and export the current terminal block assembly to a CAD program.
  - You export the marking in CSV format including all marking data for further processing in **wiemarc**, for example.
  - You can use a bidirectional interface available for your CAE system EPLAN.

Subject to change without further notice.
Marking system for DIN rail terminal blocks, **wiemarc/wieplot**

Individual marking of DIN rail terminal blocks means **wiemarc** and **wieplot**, at Wieland Electric. The **wieplot** software was developed to provide you with maximum flexibility in marking your terminal block assemblies. Together with **wieplot** you have a powerful marking system that enables you to work professionally from the individual marking tag to series marking of your terminal block assemblies. You feel confident with the system due to its easy handling and visual representation of your marking, even when you use it for the first time.

But **wieplot** offers even more!

In addition to the marking tags for DIN rail terminal blocks you can also print self-adhesive tags and labels or cable markings. A slight modification can even make your plotter a powerful engraving system.

**Marking with a system**

- Individual marking of all terminal blocks for clear wire/termination point assignment
- One single marking system for all designs
- Marking of individual tags; marking strips in the relevant terminal block spacing; or group markings
- Individual planning of terminal block assemblies and markings with **wieplan**

**Ready for universal use**

- Marks all common marking systems available for DIN rail terminal blocks
- Different marking tags can be marked individually in one single work step
- Marking of labels, self-adhesive tags and cables is possible

**Easy and quick**

- Simple and intuitive user interface
- Direct graphical display of the marking tags including plausibility check
- Customized layouts can be created individually
- Data import from CAD, Excel, text or **wieplan** files

**Durable and safe—wieplot engraving system**

- Easy modification to **wieplot** to make it an engraving system
- Engraving of multi-layer plastic boards
- Clean and dust-proof operation due to integrated vacuum device
- Create individual layouts using **wiemarc**
DIN rail terminal blocks
with tension spring connection

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<td>WKF 16/35/PV/WKFN</td>
<td>56.716.0353.0</td>
</tr>
<tr>
<td>20</td>
<td>Partition</td>
<td>TWFN 2,5</td>
<td>07.312.6855.0</td>
</tr>
<tr>
<td>21</td>
<td>Partition</td>
<td>TWFN 2,5 D1/2</td>
<td>07.312.7055.0</td>
</tr>
<tr>
<td>22</td>
<td>Cross connector, insulated</td>
<td>IVB WKF 2,5-2</td>
<td>27.280.6227.0</td>
</tr>
<tr>
<td>23</td>
<td>Cross connector, insulated</td>
<td>IVB WKF 2,5-5</td>
<td>27.280.6527.0</td>
</tr>
<tr>
<td>24</td>
<td>Cross connector, insulated</td>
<td>IVB WKF 2,5-6</td>
<td>27.280.6627.0</td>
</tr>
<tr>
<td>25</td>
<td>Wire entry guide</td>
<td>LELN 2,5/3 SCHWARZ</td>
<td>05.564.3955.0</td>
</tr>
<tr>
<td>26</td>
<td>Cover with warning symbol</td>
<td>ADFN 2,5/4 GELB</td>
<td>04.343.8253.8</td>
</tr>
<tr>
<td>27</td>
<td>Marking tag carrier, 2-fold</td>
<td>ST 5/2</td>
<td>04.243.0755.0</td>
</tr>
<tr>
<td>28</td>
<td>Test plug with insulated handle</td>
<td>ST 2/2,3</td>
<td>25.553.2921.0</td>
</tr>
<tr>
<td>29</td>
<td>Test adapter, snap-on</td>
<td>PS WKC/F</td>
<td>21.299.9753.0</td>
</tr>
<tr>
<td>30</td>
<td>Mounting rail</td>
<td>35x27x7,5 EN 50022</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>31</td>
<td>End clamp, without screw</td>
<td>WEF 1/35</td>
<td>25.523.9353.0</td>
</tr>
<tr>
<td>32</td>
<td>Marking strips</td>
<td>9705 A5/10 B</td>
<td>04.845.xx53.0</td>
</tr>
</tbody>
</table>

Subject to change without further notice

Downloaded from Elcodis.com electronic components distributor
**Duo feed-through blocks**

with tension spring connection

**fasis**

**WKF 1,5/35**

- fine-stranded solid V A
- No. 26-14 AWG
- 300 V
- 15
- 0.08 – 1.5 mm²
- 0.08 – 1.5 mm²
- 500 V / 6 kV / 3
- 17.5
- 17.5
- 10 mm

**WKF 1,5 D1/2/35**

- fine-stranded solid V A
- No. 26-14 AWG
- 300 V
- 15
- 0.08 – 1.5 mm²
- 0.08 – 1.5 mm²
- 440 V
- 17.5 / 16.5
- 10 mm

**Accessories**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed-through block</td>
<td>gray</td>
<td>WKF 1,5/35</td>
</tr>
<tr>
<td>Feed-through block</td>
<td>blue</td>
<td>WKF 1,5/35 BLAU</td>
</tr>
</tbody>
</table>

**Type** | **Part No.** | **Std. Pack**
--- | --- | ---
**Mounting rail 35, 7.5 mm** | 35x27x75 EN 60715 | 56.300.0000.0 | 1 |
**Mounting rail 15, 15 mm** | 35x24x15 EN 60715 | 98.360.0000.0 | 1 |
**End clamp TS 35, with screw** | 9708/2 S35 | 25.522.8653.0 | 100 |
**End clamp TS 35, without screw** | 9708/2 S35 | 25.522.8653.0 | 100 |
**End plate** | gray | APF 1,5 | 07.312.8153.0 | 10 |
**Segment end plate** | gray | WKF 1,5/35 | 07.312.8253.0 | 10 |
**Cross connector** | 2 pole | NB WKF 1,5 – 2 | Z7.268.0272.0 | 10 |
| 3 pole | NB WKF 1,5 – 3 | Z7.268.0372.0 | 10 |
| 4 pole | NB WKF 1,5 – 4 | Z7.268.0472.0 | 10 |
| 5 pole | NB WKF 1,5 – 5 | Z7.268.0572.0 | 10 |
| 6 pole | NB WKF 1,5 – 6 | Z7.268.0672.0 | 10 |
| 7 pole | NB WKF 1,5 – 7 | Z7.268.0772.0 | 10 |
| 8 pole | NB WKF 1,5 – 8 | Z7.268.0872.0 | 10 |
| 10 pole | NB WKF 1,5 – 10 | Z7.268.1072.0 | 10 |
| 20 pole | NB WKF 1,5 – 20 | Z7.268.2072.0 | 10 |
| 0.13 – 0.2 mm² | LEL 1/1 WEISS | 05.564.4253.0 | 10 |
| 0.25 – 0.5 mm² | LEL 1/2 GRAU | 05.564.4353.0 | 10 |
| 0.75 – 1.0 mm² | LEL 1/2 GRAU | 05.564.4353.0 | 10 |
| 04.343.6953.8 | 10 |

7. **Cover with warning symbol over 4 blocks**

8. **Marking tag carrier, 2-fold**

9. **Test adapter, modular**

10. **Test plug**

11. **Screwdriver, uninsulated**

Marking accessories see page 76 – 79

For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

Follow the Ex installation instructions on the cover page.

Do not use in Ex environments.

Rated current when using cross connectors.

Subject to change without further notice
**WKF 1,5 D2/2/35**

- **fine-stranded solid**
- **V** 500 V/6 kV/3 17.5
- **A**
- **0.08 – 1.5 mm²**
- **No. 26-14 AWG** 300 V 15
- **0.14 – 1.5 mm²**
- **4 mm**
- **CKw**

Subject to change without further notice

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std.</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKF 1,5 D2/2/35</td>
<td>56.702.5153.0</td>
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<tr>
<td>WKF 1,5 D2/2/35 BLAU</td>
<td>56.702.5153.6</td>
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<td></td>
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</tbody>
</table>

- **35 x 27 x 7,5 EN 60715** 98.300.0000.0 1
- **35 x 24 x 5 EN 60715** 98.360.0000.0 1
- **IVB WKF 1/35** 7.268.0227.0 10
- **IVB WKF 1/35 – 2** 7.268.0227.0 10
- **IVB WKF 1/35 – 3** 7.268.0327.0 10
- **IVB WKF 1/35 – 4** 7.268.0427.0 10
- **IVB WKF 1/35 – 5** 7.268.0527.0 10

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std.</th>
<th>Pack</th>
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<tbody>
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<td>IVB WKF 1.5 – 10</td>
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<td>IVB WKF 1.5 – 20</td>
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</tr>
<tr>
<td>LEL 15/2 GRAU</td>
<td>05.564.4353.0</td>
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<tr>
<td>ADF 1,5/5 GELB</td>
<td>04.343.6953.8</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

- **DIN 5264 B 0,4x2,5** 06.502.4300.0 5
Duo ground blocks
with tension spring connection

WKF 1,5 SL/35
fine-stranded solid V A
No. 26-14 AWG 300 V
No. 26-14 AWG 300 V
0.14 – 1.5 mm² 0.14 – 1.5 mm²
4 mm 10 mm

<table>
<thead>
<tr>
<th>Ground block</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>yellow/green</td>
<td>WKF 1,5 SL/35</td>
<td>56.702.9053.0</td>
<td>50</td>
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<table>
<thead>
<tr>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mounting rail 35, 7.5 mm high</td>
</tr>
<tr>
<td>35 x 27 x 15</td>
</tr>
<tr>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>35 x 24 x 15</td>
</tr>
<tr>
<td>98.360.0000.0</td>
</tr>
<tr>
<td>2. End clamp TS 35, with screw*</td>
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<tr>
<td>970B2 535</td>
</tr>
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<td>25.522.8553.0</td>
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<tr>
<td>970B2 535</td>
</tr>
<tr>
<td>25.522.8553.0</td>
</tr>
<tr>
<td>3. End plate</td>
</tr>
<tr>
<td>APF 1,5</td>
</tr>
<tr>
<td>07.312.8153.0</td>
</tr>
<tr>
<td>APF 1,5</td>
</tr>
<tr>
<td>07.312.8153.0</td>
</tr>
<tr>
<td>blue</td>
</tr>
<tr>
<td>4. Partition plate</td>
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<tr>
<td>TWF 1,5</td>
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<tr>
<td>07.312.8253.0</td>
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<tr>
<td>10 pole</td>
</tr>
<tr>
<td>20 pole</td>
</tr>
<tr>
<td>6. Wire entry guide</td>
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<tr>
<td>LEL 1.5/1 WEISS</td>
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<td>05.564.4253.0</td>
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<tr>
<td>LEL 1.5/1 WEISS</td>
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<tr>
<td>05.564.4253.0</td>
</tr>
<tr>
<td>0.25 – 0.5 mm²</td>
</tr>
<tr>
<td>LEL 1.5/2 GRAU</td>
</tr>
<tr>
<td>05.564.4353.0</td>
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<tr>
<td>LEL 1.5/2 GRAU</td>
</tr>
<tr>
<td>05.564.4353.0</td>
</tr>
<tr>
<td>0.75 – 1.0 mm²</td>
</tr>
<tr>
<td>LEL 1.5/3 GRAU</td>
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<td>05.564.4453.0</td>
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<tr>
<td>LEL 1.5/3 GRAU</td>
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<tr>
<td>05.564.4453.0</td>
</tr>
<tr>
<td>7. Cover with warning symbol over 4 blocks</td>
</tr>
<tr>
<td>04.343.6953.8</td>
</tr>
<tr>
<td>ADF 1.5/5 GELB</td>
</tr>
<tr>
<td>04.343.6953.8</td>
</tr>
<tr>
<td>8. Marking tag carrier, 2-fold</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>9. Test adapter, modular</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>10. Test plug</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>11. Screwdriver, uninsulated</td>
</tr>
<tr>
<td>06.502.4300.0</td>
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<tr>
<td>DIN 5264 B 0.4x2.5</td>
</tr>
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<td>06.502.4300.0</td>
</tr>
</tbody>
</table>

Marking accessories see page 76 – 79

* In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.

*1 Do not use in Ex environments.

*2 For the current-carrying capabilities of the mounting rails see AT catalog section facts & DATA.

---

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**WKF 1,5 D2/2/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKF 1,5 D2/2/SL/35</td>
<td>56.702.9153.0</td>
<td>50</td>
</tr>
</tbody>
</table>

- **fine-stranded solid**
- **V A**
- **0.08 – 1.5 mm²**
- **0.08 – 1.5 mm²**
- **500 V/6 kV/3**
- **No. 26-14 AWG**
- **300 V**
- **No. 26-14 AWG**
- **300 V**

<table>
<thead>
<tr>
<th>No.</th>
<th>0.14 – 1.5 mm²</th>
<th>0.14 – 1.5 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 mm</td>
<td>10 mm</td>
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</table>

Subject to change without further notice

Type Part No. Std. Pack

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<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAPF 1,5</td>
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<tr>
<td>TWF 1,5 D2/2</td>
<td>07.312.8853.0</td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEL 1,5/1 WEISS</td>
<td>05.564.4253.0</td>
<td>10</td>
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<tr>
<td>LEL 1,5/2 GRAU</td>
<td>05.564.4353.0</td>
<td>10</td>
</tr>
<tr>
<td>ADF 1,5/5 GELB</td>
<td>04.343.6953.8</td>
<td>10</td>
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<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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<tbody>
<tr>
<td>DIN 5264 B 0,4x2,5</td>
<td>06.502.4300.0</td>
<td>5</td>
</tr>
</tbody>
</table>

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Downloaded from Elcodis.com electronic components distributor
### Duo feed-through blocks with tension spring connection

#### WKFN 2,5/35

- Fine-stranded solid
- V: 800 V/8 kV
- A: 35, 24
- No. 22-12 AWG 600 V
- No. 24-12 AWG 600 V
- 5 mm
- 11 mm

#### WKFN 2,5 D1/2/35

- Fine-stranded solid
- V: 800 V/8 kV
- A: 35, 24
- No. 22-12 AWG 600 V
- No. 24-12 AWG 600 V
- 5 mm
- 11 mm

### Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed-through block</td>
<td>gray</td>
<td>WKFN 2,5/35 56.703.0055.0 100</td>
</tr>
<tr>
<td>Feed-through block</td>
<td>blue</td>
<td>WKFN 2,5/35 BLAU 56.703.0055.6 100</td>
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<tr>
<td>Supply block</td>
<td>gray</td>
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</tbody>
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### Approvals

- UL ratings field/factory wiring
- CSA ratings
- PTB 04 ATEX 1051 U1)

### Width Wire strip length

- Approvals

### Marking accessories

See page 76 – 79
Potential distribution with standard cross connector IVB WKF 2,5...
- Parallel connection of two cross connectors -> double jumpering
- Potential distributions are possible on one or both sides

\[
\max I = \sum I_n \leq \sum I_{\text{block}}
\]

**WKFN 2,5 D2/2/35**

- fine-stranded solid V A
- 0.13–2.5 mm² 0.13–4 mm² 800 V/8 kV/3 24
- No. 22-12 AWG 600 V 20
- No. 24-12 AWG 600 V 24
- 0.2–2.5 mm² 0.13–4 mm² 550 V 22/21
- 5 mm 11 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>WKFN 2,5 D2/2</td>
<td>56.703.515</td>
<td>100</td>
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<tr>
<td>WKFN 2,5 D2/2/35 BLAU</td>
<td>56.703.5155.6</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

**WKF 16/35 PV/WKFN**

- fine-stranded solid/stranded V A
- 4–16 mm² 4–16 mm² 800 V/8 kV/3 76
- No. 24-4 AWG 600 V 75
- No. 12-4 AWG 600 V 78
- 4–16 mm² 4–16 mm² 690 V 64 A*
- 12 mm 15 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>WKF 16/35 PV/WKFN</td>
<td>56.716.0353.0</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>
**Duo ground blocks with tension spring connection**

**WKFN 2,5 SL/35**
- Fine-stranded solid
- Voltage: 0.13 – 2.5 mm², 0.13 – 4 mm²
- UL ratings: 800 V/8 kV/3[
- CSA ratings: 3) No. 22-12 AWG 600 V
- CSA ratings: 4) No. 24-12 AWG 600 V
- Cable size: 0.2 – 2.5 mm², 0.13 – 4 mm²
- Wire strip length: 5 mm, 11 mm

**WKFN 2,5 D1/2/SL/35**
- Fine-stranded solid
- Voltage: 0.13 – 2.5 mm², 0.13 – 4 mm²
- UL ratings: 800 V/8 kV/3[
- CSA ratings: 3) No. 22-12 AWG 600 V
- CSA ratings: 4) No. 24-12 AWG 600 V
- Cable size: 0.2 – 2.5 mm², 0.13 – 4 mm²
- Wire strip length: 5 mm, 11 mm

---

**Accessories**

1. Mounting rail 35, 7.5 mm high
   - L = 2 m
   - Part No. 35x27x7.5 EN 60715
   - Type WKFN 2.5 SL/35
   - UL ratings: 5 6.703.9055.0  100
   - CSA ratings: 35x27x7.5 EN 60715
   - UL ratings: 9 8.300.0000.0  1
   - CSA ratings: 35x24x15 EN 60715
   - UL ratings: 9 8.360.0000.0

2. End clamp TS 35, with screw
   - 8 mm wide
   - Part No. 97108/2 S35
   - UL ratings: 25.522.8553.0  100
   - CSA ratings: WEF 1/35
   - UL ratings: 25.523.9353.0  100
   - CSA ratings: WEF 1/35
   - UL ratings: 25.523.9353.0

3. End plate
   - Gray
   - Part No. APFN 2.5 GRÜN
   - UL ratings: 07.312.6755.7  10
   - CSA ratings: APFN 2.5 D1/2 GRÜN
   - UL ratings: 07.312.6955.7  10
   - CSA ratings: APFN 2.5 D1/2 GRÜN

4. Partition plate
   - Gray
   - Blue

5. Cross connector
   - 2 pole
   - Insulated (jumper bar)
   - 3 pole
   - 4 pole
   - 5 pole
   - 6 pole
   - 7 pole
   - 8 pole
   - 9 pole
   - 10 pole

6. Wire entry guide
   - 0.13 – 0.2 mm²
   - Part No. 0.25 – 0.5 mm²
   - Part No. 0.75 – 1.0 mm²
   - UL ratings: 05.564.3755.0  100
   - CSA ratings: 05.564.3855.0  100
   - UL ratings: 05.564.3955.0

7. Cover with warning symbol over 4 blocks
   - Part No. ADFN 2.5/4 GELB
   - UL ratings: 04.343.8353.8  10
   - CSA ratings: ADFN 2.5/4 GELB
   - UL ratings: 04.343.8353.8

8. Marking tag carrier, 2-fold

9. Test adapter, modular

10. Test plug

11. Screwdriver, uninsulated
    - Part No. DIN 5264 B 0.6x3.5
    - UL ratings: 06.502.4000.0  5
    - CSA ratings: DIN 5264 B 0.6x3.5 M
    - UL ratings: 06.502.5000.0  10
    - CSA ratings: DIN 5264 B 0.6x3.5 M

---

**Marking accessories**

1) Follow the Ex installation instructions on the cover page.
3) Ratings to adjacent feed-through blocks of the same series and size
5) For the current carrying capabilities of the mounting rails see AT catalog section facts & data.

---

**Subject to change without further notice**
## WKFN 2,5 D2/2/SL/35

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 D2/2/SL/35</td>
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<td>100</td>
</tr>
<tr>
<td>35 x 27 x 75 EN 60715</td>
<td>98.300.0000.0</td>
<td>1</td>
</tr>
<tr>
<td>35 x 24 x 15 EN 60715</td>
<td>98.360.0000.0</td>
<td>1</td>
</tr>
<tr>
<td>9708/2 S35</td>
<td>25.522.8553.0</td>
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<tr>
<td>WEF 1/35</td>
<td>25.523.9353.0</td>
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<tr>
<td>APFN 2,5 D2/2 GRÜN</td>
<td>07.312.7155.7</td>
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</tbody>
</table>

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Duo feed-through blocks with tension spring connection

fasis

WKFN 4/35
fine-stranded solid V A
No. 24-10 AWG
No. 24-10 AWG
0.13–4 mm² 0.13–6 mm²
800 V/2 kV/3
600 V 32
6 mm 11 mm

WKFN 4 D1/2/35
fine-stranded solid V A
No. 24-10 AWG
No. 24-10 AWG
0.13–4 mm² 0.13–6 mm²
800 V/2 kV/3
600 V 32
0.13–4 mm² 0.2–6 mm²
550 V 28/25.5
6 mm 11 mm

---

**Feed-through block**
- gray: WKFN 4/35 56.704.0055.0 100
- blue: WKFN 4/35 BLAU 56.704.0055.6 100

**Supply block**
- gray: WKFN 4 D1/2/35 56.704.5055.0 100
- blue: WKFN 4 D1/2/35 BLAU 56.704.5055.6 100

**Accessories**

1. Mounting rail 35, 7.5 mm high L = 2 m
   - 35x27x7.5 EN 60715 98.300.0000.0 1
2. Mounting rail 35, 15 mm high L = 2 m
   - 35x24x15 EN 60715 98.300.0000.0 1
3. End clamp TS 35, with screw 8 mm wide
   - WEF 1/35 56.523.9353.0 100
4. End clamp TS 35, without screw 8 mm wide
   - WEF 1/35 56.523.9353.0 100
5. End plate gray: APFN 4 07.312.9255.0 10
6. End plate blue: APFN 4 BLAU 07.312.9256.6 10

**Segment end plate**
- gray: TWFN 4 07.312.9355.0 10
- blue: TWFN 4 BLAU 07.312.9356.6 10

**Cross connector**
- 2 pole: IVB WKF 4–2 27.261.1227.0 10
- 3 pole: IVB WKF 4–3 27.261.1237.0 10
- 4 pole: IVB WKF 4–4 27.261.1427.0 10
- 5 pole: IVB WKF 4–5 27.261.1527.0 10
- 6 pole: IVB WKF 4–6 27.261.1627.0 10
- 7 pole: IVB WKF 4–7 27.261.1727.0 20
- 8 pole: IVB WKF 4–8 27.261.1827.0 20
- 9 pole: IVB WKF 4–9 27.261.1927.0 20
- 10 pole: IVB WKF 4–10 27.261.2027.0 20

**Vertical Jumper, insulated**
- 1 pole: IEV WKF 4–1 27.261.2227.0 10

**Wire entry guide**
- 0.13–0.2 mm²
  - LEL 4/1 WEISS 05.561.8553.0 100
- 0.25–0.5 mm²
  - LEL 4/2 GRAU 05.561.8653.0 100
- 0.75–1.0 mm²
  - LEL 4/3 SCHWARZ 05.561.8753.0 100

**Cover with warning symbol over 4 blocks**
- ADF 4/4 GELB 04.343.6153.8 10

**Marking accessories**
- see page 76–79

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**Subject to change without further notice**
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### WKFN 4 D2/2/35

- **fine-stranded solid**
- **V** A
- 0.13 – 4 mm²: 0.13 – 6 mm²
- 800 V/8 kV/3: 32
- No. 24-10 AWG: 600 V: 30
- No. 24-10 AWG: 600 V: 32
- 0.13 – 4 mm²: 0.2 – 6 mm²
- 550 V: 28/25.5:
- 6 mm: 11 mm
- Potential distribution with standard cross connector IVB WKF 4...
- Parallel connection of two cross connectors -> double jumpering
- Potential distributions are possible on one or both sides

---

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### WKF 16/35 PV/WKFN

- **fine-stranded solid/stranded**
- **V** A
- 4 – 16 mm²: 4 – 16 mm²
- 800 V/8 kV/3: 76
- No. 24-4 AWG: 600 V: 75
- No. 12-4 AWG: 600 V: 78
- 4 – 16 mm²: 4 – 16 mm²
- 690 V: 64*
- 12 mm: 15 mm
- Potential distribution
- Parallel connection of two cross connectors -> double jumpering
- Potential distributions are possible on one or both sides

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*Type-specific output currents upon request; KEMA 01 ATEX 2087 U*

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Duo ground blocks with tension spring connection

#### Accessories

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**Accessories**

1. Mounting rail 35, 7.5 mm high  
   L = 2 m  
   35x27x7.5 EN 60715  
   98.300.0000.0  
   1

2. End clamp TS 35, with screw  
   8 mm wide  
   9708/2 S3S  
   25.522.8553.0  
   100

3. End plate  
   gray  
   blue

4. Partition plate  
   gray  
   blue

5. Cross connector  
   2 pole  
   3 pole

6. Vertical cross connector, insulated  
   1 pole

7. Wire entry guide  
   0,13 – 0,2 mm²  
   L = 2 m  
   LEL 4/1 WEISS  
   05.561.8553.0  
   100

8. Cover with warning symbol over 4 blocks  
   ADf 4/4 GELB  
   04.343.6153.8  
   10

9. Marking tag carrier, 2-fold

10. Test adapter, modular

11. Test plug  
    ST 2/2,3  
    25.553.2921.0  
    10

12. Screwdriver, uninsulated  
    DIN 5264 B 0,6x3,5  
    06.502.4000.0  
    5

   Screwdriver, uninsulated, MINI  
   DIN 5264 B 0,6x3,5 M  
   06.502.5000.0  
   10

**Approvals**

- Ex e IIA
- UL ratings
- CSA ratings
- PTB (ATEX 1104 U1) EN 60 079-0/EN 60 079-7
- Width Wire strip length

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Subject to change without further notice

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1) Follow the Ex installation instructions on the cover page.
2) For the current-carrying capabilities of the mounting rails see AT catalog section **facts & DATA**.
### WKFN 4 D2/2/SL/35

Fine-stranded solid  
**V** 800 V/8 kV/3  
**A** 2

No. 24-10 AWG 600 V  
No. 24-10 AWG 600 V  
No. 24-10 AWG 600 V  

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Subject to change without further notice
**Duo feed-through blocks with tension spring connection**

**WKFN 6/35**
- Fine-stranded solid
- V A
- 800 V/8 kV/3 41

**WKFN 6 D1/2/35**
- Fine-stranded solid
- V A
- 800 V/8 kV/3 41

**Accessories**
- 1. Mounting rail 35, 7.5 mm high
  - L = 2 m
  - 35x27x7.5 mm
  - No. 24-8 AWG
  - 0.2 – 6 mm²
  - 1.5 – 10 mm²
  - 800 V/8 kV/3 41
  - No. 24-8 AWG
  - 0.2 – 6 mm²
  - 1.5 – 10 mm²

- 2. End clamp TS 35, with screw
  - 8 mm wide
  - 90/2 S35
  - Z5.522.8553.0
  - 100
  - 800 V/8 kV/3 41

- 3. End plate
  - gray
  - APFN 6
  - 07.313.0455.0
  - 10
  - WKFN 6 D1/2
  - 07.313.0655.6
  - 10

- 4. Partition plate
  - gray
  - TWFN 6
  - 07.313.0555.0
  - 10
  - TWFN 6 D1/2
  - 07.313.0755.6
  - 10

- 5. Cross connector
  - insulated
  - 2 pole
  - IVB WKFN 6–2
  - Z7.282.5227.0
  - 10
  - IVB WKFN 6–3
  - Z7.282.5327.0
  - 10
  - IVB WKFN 6–4
  - Z7.282.5427.0
  - 10
  - IVB WKFN 6–5
  - Z7.282.5527.0
  - 10

- 6. Reducing jumper, WKFN 35 to WKFN 10
  - Reducing jumper, WKFN 35 to WKFN 16
  - Reducing jumper, WKFN 16 to WKFN 10

- 7. Cover with warning symbol for 4 terminals

- 8. Test adapter modular

- 9. Test plug

- 10. Screwdriver, uninsulated

**Marking accessories see page 76 – 79**

1) Follow the Ex installation instructions on the cover page.

2) For the current-carrying capabilities of the mounting rails see AT catalog section facts & DATA.

* *solid/fine-stranded

**Subject to change without further notice**
**Duo ground blocks with tension spring connection**

**WKFN 6 SL/35**
- Fine-stranded solid
- V A: 0.2 – 6 mm², 1.5 – 10 mm², 800 V/8 kV/3
- No. 24-8 AWG: 600 V
- No. 24-8 AWG: 600 V
- 0.2 – 6 mm², 1.5 – 10 mm²
- 8 mm: 12 mm

**WKFN 6 D1/2/SL/35**
- Fine-stranded solid
- V A: 0.2 – 6 mm², 1.5 – 10 mm², 800 V/8 kV/3
- No. 24-8 AWG: 600 V
- No. 24-8 AWG: 600 V
- 0.2 – 6 mm², 1.5 – 10 mm²
- 8 mm: 12 mm

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*Subject to change without further notice*
**Duo feed-through blocks with tension spring connection**

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<th>Part No.</th>
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<td>Ground block green/yellow</td>
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<td>1. Mounting rail 35, 7.5 mm high L = 2 m</td>
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<tr>
<td>2. End clamp TS 35, with screw 8 mm wide</td>
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<tr>
<td>End clamp TS 35, without screw 8 mm wide</td>
<td>WEF 1/35</td>
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</tr>
<tr>
<td>3. End plate gray</td>
<td>APFN 10</td>
<td>07.313.0855.0</td>
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<tr>
<td>blue</td>
<td>APFN 10 BLAU</td>
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<td>TWFN 10 BLAU</td>
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<td>5. Cross connector 2 pole insulated</td>
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<tr>
<td>3 pole</td>
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<tr>
<td>4 pole</td>
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<td>9 pole</td>
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<td>10 pole</td>
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<tr>
<td>6. Reducing jumper, WKF 35 to WKFN 10</td>
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<tr>
<td>7. Cover with warning symbol for 4 terminals</td>
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<tr>
<td>8. Test adapter modular</td>
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<td></td>
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<tr>
<td>9. Test plug</td>
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<tr>
<td>10. Screwdriver, uninsulated</td>
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</table>

Marking accessories see page. 76–79

---

*Follow the Ex installation instructions on the cover page*

**For the current-carrying capabilities of the mounting rails see AT catalog section facts & DATA.

**When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.
Duo ground blocks
with tension spring connection

**WKFN 10 SL/35**
- Fine-stranded solid/stranded
- 0.2 – 10 mm²
- 1.5 – 16 mm²
- 800 V/8 kV/3
- 16-6 AWG 600 V
- No. 16-6 AWG 600 V
- 0.2 – 10 mm²
- 1.5 – 16 mm²
- 10 mm

**WKFN 10 D1/2/SL/35**
- Fine-stranded solid/stranded
- 0.2 – 10 mm²
- 1.5 – 16 mm²
- 800 V/8 kV/3
- 16-6 AWG 600 V
- No. 16-6 AWG 600 V
- 0.2 – 10 mm²
- 1.5 – 16 mm²
- 10 mm

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<td>IVB WKF 10 – 2</td>
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Downloaded from Elcodis.com electronic components distributor
Duo feed-through blocks with tension spring connection

WKFN 16/35
- Fine-stranded solid/stranded V A
- 0.2 – 16 mm² 800 V/8 kV/3 76
- 1.5 – 25 mm² 600 V 85
- 800 V/8 kV/3
- Width 12 mm
- Wire strip length 16 mm

Accessories

1. Mounting rail 35, 7.5 mm high L = 2 m
2. End clamp TS 35, 8 mm wide
3. End plate gray
4. Partition plate gray
5. Cross connector** 2 pole
6. Reducing jumper, WKFN 35 to WKFN 16
7. Cover with warning symbol for 4 terminals
8. Test adapter modular
9. Test plug
10. Screwdriver, uninsulated

Marking accessories see page 76 – 79

IVB WKF 16 – 2 Z TWFN 16
- Insulated
- 2 pole
- 7 pole
- 8 pole
- 9 pole
- 10 pole

** Follow the Ex installation instructions on the cover page
* For the current-carrying capabilities of the mounting rails see AT catalog section facts & DATA.
** When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

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**Duo ground blocks with tension spring connection**

**WKFN 16 SL/35**
- fine-stranded solid/stranded V A
- 0.2 – 16 mm² 1.5 – 25 mm² 800 V/8 kV/3
- No. 16-4 AWG 600 V
- No. 16-4 AWG 600 V
- 0.2 – 16 mm² 1.5 – 25 mm²
- 12 mm 16 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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<th>Part No.</th>
<th>Std. Pack</th>
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<tr>
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Subject to change without further notice.
Duo feed-through block/ground block
with tension spring connection

### Specifications

<table>
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<tr>
<th>Part No.</th>
<th>Description</th>
<th>Standard Pack</th>
<th>Description</th>
<th>Standard Pack</th>
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<tbody>
<tr>
<td>9708/2 S35</td>
<td>WKF 35/35 fine-stranded solid stranded V A 2.5 – 35 mm² 800 V/8 kV/3 125 No. 12-2 AWG</td>
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<td>WKF 35 SL/35 fine-stranded solid stranded V A 2.5 – 35 mm² 800 V/8 kV/3 No. 12-2 AWG</td>
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<td>9708/2 S35</td>
<td>WKF 35 SL/35 blue V A 2.5 – 35 mm² 800 V/8 kV/3 No. 12-2 AWG</td>
<td>100</td>
<td>WKF 35 SL/35 blue V A 2.5 – 35 mm² 800 V/8 kV/3 No. 12-2 AWG</td>
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### Accessories

1. Mounting rail 35, 7.5 mm high L = 2 m
   - 35x27x7.5 EN 60715 98.300.0000.0 1
2. End clamp TS 35, with screw** 8 mm wide
   - WKF 35 SL/35 BLAU 98.735.0053.6 10
3. End plate gray 8 mm wide
4. Partition plate gray 8 mm wide
5. Cross connector 2 pole insulated 3 pole 4 pole 5 pole 6 pole 7 pole 8 pole 9 pole 10 pole
   - IWB WKF 35 – 2 Z7.285.6227.0 10
6. Reducing jumper, WKF 35 to WKFN 10
   - IWB WKF 35R10 Z7.285.6427.0 10
7. Cover with warning symbol for 4 terminals
   - ADF 35/5 GELB 04.343.9253.8 10
8. Test plug ST 2/2,3 Z5.553.2921.0 10
9. Screwdriver, uninsulated DIN 5264 B 1x5,5 06.502.4200.0 5

### Marking accessories

- **FT** Follow the Ex installation instructions on the cover page
- **NB** Do not use in Ex environments.
- **Facts & DATA** For the current-carrying capabilities of the mounting rails see AT catalog section.
- **W** with/without jumper

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### Potential supply with feed-through blocks up to 35 mm²

- **Potential supply**
- **Reducing cross connector**
- **Output terminal block**

---

<table>
<thead>
<tr>
<th>Potential distribution</th>
<th>Distribution on one side</th>
<th>Distribution on both sides</th>
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<td></td>
<td>2 poles</td>
<td>2 poles</td>
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<tr>
<td></td>
<td>several poles</td>
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**Potential distribution 35 R 10**
- Supply block: WKF 35 /35
- Part No.: 56.735.0035.0
- Std. Pack: 10

**Potential supply 35 mm²**
- Reducing cross connector: IVB WKFN 35R10
- Part No.: Z 7.285.6427.0
- Std. Pack: 10

---

**Potential distribution 35 R 16**
- Supply block: WKF 35 /35
- Part No.: 56.735.0035.0
- Std. Pack: 10

**Potential supply 35 mm²**
- Reducing cross connector: IVB WKFN 35R16
- Part No.: Z 7.285.6527.0
- Std. Pack: 10

---

**Potential distribution 16 R 10**
- Supply block: WKFN 16 /35
- Part No.: 56.716.0055.0
- Std. Pack: 10

**Potential supply 16 mm²**
- Reducing cross connector: IVB WKFN 35R16
- Part No.: Z 7.285.6527.0
- Std. Pack: 10

---

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Multi-tier terminal blocks with tension spring connection

WKF 1,5 E2/35
- Fine-stranded solid: V A
  - 0.08–1.5 mm²: 300 V/6 kV/3 17.5
  - No. 26-14 AWG: 300 V 15
  - 0.14–1.5 mm²: 440 V 15/13.5

WKF 1,5 E2/VB/35
- Fine-stranded solid: V A
  - 0.08–1.5 mm²: 500 V/6 kV/3 17.5
  - No. 26-14 AWG: 300 V 15

Accessories

Multi-tier block
- Gray

Multi-tier block, vertically connected
- Black

Multi-tier block, combined
- Gray

Multi-tier ground block
- Green/yellow

Table: Type | Part No. | Std. Pack | Type | Part No. | Std. Pack
--- | --- | --- | --- | --- | ---
WKF 1,5 E2/35 | 56.702.785.0  | 50 | WKF 1,5 E2/VB/35 | 56.702.695.1  | 50

Subject to change without further notice.
**WKF 1,5 E2/SL/35**

- **fine-stranded solid**
- V: 0.08 – 1.5 mm²
- A: 0.08 – 1.5 mm²
- 50 V/6 kV/3
- No. 26-14 AWG: 300 V
- No. 26-14 AWG: 300 V
- No. 14-15 mm²: 0.14 – 1.5 mm²
- 4 mm²: 10 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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Subject to change without further notice

*Downloaded from Elcodis.com electronic components distributor*
### Multi-tier terminal blocks with tension spring connection

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<th>Part No.</th>
<th>Std. Pack</th>
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<td>Multi-tier block, combined</td>
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#### Accessories

1. Mounting rail 35, 7.5 mm high  
   - L = 2 m

2. End clamp TS 35, with screw  
   - 8 mm wide

3. End plate  
   - gray
   - 0.13 – 2.5 mm²
   - 0.13 – 4 mm²
   - 0.2 – 2.5 mm²
   - 0.2 – 4 mm²
   - 40/275
   - 5 mm
   - 11 mm

4. Partition plate  
   - gray
   - blue
   - green

5. Cross connector  
   - 2 pole  
   - insulated
   - 3 pole  
   - insulated
   - 4 pole  
   - insulated
   - 5 pole  
   - insulated
   - until 10 pole

6. Wire entry guide  
   - 0.13 – 0.2 mm²
   - 0.25 – 0.5 mm²
   - 0.75 – 1.0 mm²

7. Cover with warning symbol over 4 blocks  
   - ADFN 2,5/4 GELB | 04.343.8353.8
   - ADFN 2,5/4 GELB | 04.343.8353.8

Marking accessories see page 78 – 79

---

* Follow the Ex installation instructions on the cover page

* solid/fine-stranded

* When using cross connectors on the upper tier

Subject to change without further notice
**WKFN 2,5 E/D/SL/35**

**WKFN 2,5 E/N/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/D/SL/35</td>
<td>56.703.7855.0</td>
<td>100</td>
</tr>
<tr>
<td>WKFN 2,5 E/N/SL/35</td>
<td>56.703.7755.0</td>
<td>100</td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through gray
- **Lower tier** Feed-through gray

---

**WKFN 2,5 E/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/SL/35</td>
<td>56.703.8955.0</td>
<td>100</td>
</tr>
<tr>
<td>35x27x7,5 EN 60715</td>
<td>8.300.0000.0</td>
<td>1</td>
</tr>
<tr>
<td>35x24x15 EN 60715</td>
<td>8.360.0000.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through blue
- **Lower tier** Feed-through gray

---

**WKFN 2,5 E/VB/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/VB/35</td>
<td>56.703.9355.0</td>
<td>100</td>
</tr>
<tr>
<td>5 mm</td>
<td>11 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through black
- **Lower tier** Vertically jumpered black

---

**WKFN 2,5 E/D/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/D/SL/35</td>
<td>56.703.8855.0</td>
<td>100</td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through blue
- **Lower tier** Ground conductor green/yellow

---

**WKFN 2,5 E/N/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/N/SL/35</td>
<td>56.703.8555.0</td>
<td>100</td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through blue
- **Lower tier** Ground conductor green/yellow

---

**WKFN 2,5 E/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E/SL/35</td>
<td>56.703.7955.0</td>
<td>100</td>
</tr>
<tr>
<td>5 mm</td>
<td>11 mm</td>
<td></td>
</tr>
</tbody>
</table>

**Function Color ID**

- **Upper tier** Feed-through green/yellow
- **Lower tier** Vertically jumpered green/yellow

---

**Subject to change without further notice**

---

Downloaded from [Elcodis.com](http://www.elcodis.com) electronic components distributor
Duo multi-tier terminal blocks
with tension spring connection

0344  II 2GD IM2
Ex e I/II
EN 60 947-7-1:2002
UL ratings
CSA ratings
PTB 04 ATEX 1051 U
EN 60 079-0/EN 60 079-7
Width
Approvals

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multi-tier block</td>
<td>gray</td>
<td></td>
<td>Multi-tier block</td>
<td>black</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi-tier block</td>
<td>gray</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi-tier block</td>
<td>gray</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi-tier ground block</td>
<td>green/yellow</td>
<td></td>
</tr>
</tbody>
</table>

Accessories
1. Mounting rail 35, 7.5 mm high
   L = 2 m
   35x27x15 EN 60 715 98.300.0000.0  1
   35x24 15 EN 60 715 98.360.0000.0  1
2. End clamp TS 35, with screw
   8 mm wide
   970/2 S35 25.522.8653.0  100
   WEF 1/35 25.523.9330.0  100
   WEF 1/5 25.523.9330.0  100
3. End plate
   gray
   APFN 2,5 E1/2 07.312.7755.0  10
   blue
   green
4. Partition plate
   gray
   blue
   green
5. Cross connector
   2 pole
   IVB WKF 2,5 – 2 7.280.6227.0  10
   3 pole
   IVB WKF 2,5 – 3 7.280.6327.0  10
   4 pole
   IVB WKF 2,5 – 4 7.280.6427.0  10
   5 pole
   IVB WKF 2,5 – 5 7.280.6527.0  10
   until 10 pole
   IVB WKF 2,5 – 10 7.280.7027.0  100
   Vertical cross connector
   1 pole
   IVB WKF-V 7.261.1127.0  10
   6. Wire entry guide
   0.13–0.2 mm²
   LEIN 25/1 WEISS 05.564.3765.0  100
   0.25–0.5 mm²
   LEIN 25/2 GRAU 05.564.3885.0  100
   0.75–1.0 mm²
   LEIN 25/3 SCHWARZ 05.564.3995.0  100
7. Cover with warning symbol over 4 blocks
   ADFN 25/4 GELB 04.343.8365.0  10
8. Marking tag carrier, 2-fold
   BT 5/2 04.243.0865.0  100
   BT 5/2 04.243.0985.0  100
9. Test adapter, modular
   PS WKC/F 21.299.9753.0  10
   PS WKC/F 21.299.9753.0  10
10. Test plug
    ST 2/2,3 25.553.2921.0  10
    ST 2/2,3 25.553.2921.0  10
11. Screwdriver, uninsulated
    DYN 5264 B 0.6x3.5 06.502.4000.0  5
    DYN 5264 B 0.6x3.5 M 06.502.5000.0  10
    Screwdriver, uninsulated, MINI
    DYN 5264 B 0.6x3.5 M 06.502.5000.0  10
   Marking accessories see page 76–79
   * Follow the Ex installation instructions on the cover page

Subject to change without further notice

Duo multi-tier terminal blocks
with tension spring connection

WKFN 2,5 E1/2/35
WKFN 2,5 E1/2/N/D/35
fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3 22
No. 22-12 AWG 300 V 20
No. 24-12 AWG 300 V 24
0.2 – 2.5 mm² 0.13 – 4 mm² 440/275* 20/17,5
5 mm 11 mm

WKFN 2,5 E1/2/VB/35
fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3 22
No. 22-12 AWG 600 V 20
No. 24-12 AWG 600 V 24
0.2 – 2.5 mm² 0.13 – 4 mm² 440 20/17,5
5 mm 11 mm

Accessories
1. Mounting rail 35, 7.5 mm high
   L = 2 m
   35x27x15 EN 60 715 98.300.0000.0  1
   35x24 15 EN 60 715 98.360.0000.0  1
2. End clamp TS 35, with screw
   8 mm wide
   970/2 S35 25.522.8653.0  100
   WEF 1/35 25.523.9330.0  100
   WEF 1/5 25.523.9330.0  100
3. End plate
   gray
   APFN 2,5 E1/2 07.312.7755.0  10
   blue
   green
4. Partition plate
   gray
   blue
   green
5. Cross connector
   2 pole
   IVB WKF 2,5 – 2 7.280.6227.0  10
   3 pole
   IVB WKF 2,5 – 3 7.280.6327.0  10
   4 pole
   IVB WKF 2,5 – 4 7.280.6427.0  10
   5 pole
   IVB WKF 2,5 – 5 7.280.6527.0  10
   until 10 pole
   IVB WKF 2,5 – 10 7.280.7027.0  100
   Vertical cross connector
   1 pole
   IVB WKF-V 7.261.1127.0  10
   6. Wire entry guide
   0.13–0.2 mm²
   LEIN 25/1 WEISS 05.564.3765.0  100
   0.25–0.5 mm²
   LEIN 25/2 GRAU 05.564.3885.0  100
   0.75–1.0 mm²
   LEIN 25/3 SCHWARZ 05.564.3995.0  100
7. Cover with warning symbol over 4 blocks
   ADFN 25/4 GELB 04.343.8365.0  10
8. Marking tag carrier, 2-fold
   BT 5/2 04.243.0865.0  100
   BT 5/2 04.243.0985.0  100
9. Test adapter, modular
   PS WKC/F 21.299.9753.0  10
   PS WKC/F 21.299.9753.0  10
10. Test plug
    ST 2/2,3 25.553.2921.0  10
    ST 2/2,3 25.553.2921.0  10
11. Screwdriver, uninsulated
    DYN 5264 B 0.6x3.5 06.502.4000.0  5
    DYN 5264 B 0.6x3.5 M 06.502.5000.0  10
    Screwdriver, uninsulated, MINI
    DYN 5264 B 0.6x3.5 M 06.502.5000.0  10
   Marking accessories see page 76–79
   * Follow the Ex installation instructions on the cover page

Subject to change without further notice
### WKFN 2,5 E1/2/D/SL/35

**WKFN 2,5 E1/2/N/SL/35**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E1/2/D/SL/35</td>
<td>56.703.6156.0</td>
<td>50</td>
</tr>
<tr>
<td>WKFN 2,5 E1/2/N/SL/35</td>
<td>56.703.6456.0</td>
<td>50</td>
</tr>
</tbody>
</table>

** fine-stranded solid **

<table>
<thead>
<tr>
<th>V A</th>
<th>0.13–2.5 mm²</th>
<th>0.13–4 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>500 V/6 kV/3</td>
<td></td>
</tr>
<tr>
<td>No. 22-12 AWG</td>
<td>300 V</td>
<td>20</td>
</tr>
<tr>
<td>No. 24-12 AWG</td>
<td>300 V</td>
<td>24</td>
</tr>
</tbody>
</table>

5 mm 11 mm

** Block color: gray **

** Function Color ID **

** Upper tier Feed-through gray **

** Lower tier Feed-through gray **

---

** WKFN 2,5 E1/2/SL/35 **

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 E1/2/D/SL/35</td>
<td>56.703.6255.0</td>
<td>50</td>
</tr>
</tbody>
</table>

** fine-stranded solid **

<table>
<thead>
<tr>
<th>V A</th>
<th>0.13–2.5 mm²</th>
<th>0.13–4 mm²</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>500 V/6 kV/3</td>
<td></td>
</tr>
<tr>
<td>No. 22-12 AWG</td>
<td>600 V</td>
<td></td>
</tr>
<tr>
<td>No. 24-12 AWG</td>
<td>600 V</td>
<td></td>
</tr>
</tbody>
</table>

0.2–2.5 mm² 0.13–4 mm²

5 mm 11 mm

** Block color: gray **

** Function Color ID **

** Upper tier Feed-through blue **

** Lower tier Feed-through gray **

---

** WKFN 2,5 E1/2/VB/35 **

** Block color: black **

** Function Color ID **

** Upper tier Feed-through black **

** Lower tier Vertically jumpered black **

---

** WKFN 2,5 E1/2/D/SL/35 **

** Block color: gray **

** Function Color ID **

** Upper tier Feed-through gray **

** Lower tier Ground conductor green/yellow **

---

** WKFN 2,5 E1/2/N/SL/35 **

** Block color: gray **

** Function Color ID **

** Upper tier Feed-through blue **

** Lower tier Ground conductor green/yellow **

---

** WKFN 2,5 E1/2/SL/35 **

** Block color: green/yellow **

** Function Color ID **

** Upper tier Ground conductor green/yellow **

** Lower tier Vertically jumpered green/yellow **
Multi-tier terminal blocks with tension spring connection

### WKFN 2,5 E3/35
- **Fine-stranded solid**
- V A: 0.13 – 2.5 mm², 0.13 – 4 mm²
- 350 V/6 kV/3
- No. 22-12 AWG
- No. 24-12 AWG
- 500 V/6 kV/3

### WKFN 2,5 E3/VB/35
- **Fine-stranded solid**
- V A: 0.13 – 2.5 mm², 0.13 – 4 mm²
- 500 V/6 kV/3
- No. 22-12 AWG
- No. 24-12 AWG

### Accessories
- **Multi-tier block**
  - Type: gray
  - Part No.: 56.703.3055.0
  - Std. Pack: 50

- **Multi-tier block, vertically connected**
  - Type: black
  - Part No.: 56.703.2955.1
  - Std. Pack: 50

- **Multi-tier block, combined**
  - Type: gray
  - Part No.: 56.703.3055.0
  - Std. Pack: 50

- **Multi-tier block, combined**
  - Type: gray
  - Part No.: 56.703.2955.1
  - Std. Pack: 50

- **Multi-tier ground block**
  - Type: green/yellow
  - Part No.: 56.703.3055.0
  - Std. Pack: 50

- **Cross connectors**
  - 2 pole
  - Type: UNI WKF 2.5 – 2
  - Part No.: Z7.280.6227.0
  - Std. Pack: 10

- **Cross connectors**
  - 3 pole
  - Type: UNI WKF 2.5 – 3
  - Part No.: Z7.280.6327.0
  - Std. Pack: 10

- **Cross connectors**
  - 4 pole
  - Type: UNI WKF 2.5 – 4
  - Part No.: Z7.280.6427.0
  - Std. Pack: 10

- **Cross connectors**
  - 5 pole
  - Type: UNI WKF 2.5 – 5
  - Part No.: Z7.280.6527.0
  - Std. Pack: 10

- **Cross connectors**
  - 6 pole
  - Type: UNI WKF 2.5 – 10
  - Part No.: Z7.280.7027.0
  - Std. Pack: 20

- **Wire entry guide**
  - 0.13 – 0.2 mm²
  - Type: LEIN 25/3 SCHWARZ
  - Part No.: 06.564.3955.0
  - Std. Pack: 100

- **Wire entry guide**
  - 0.25 – 0.5 mm²
  - Type: LEIN 25/2 SCHWARZ
  - Part No.: 06.564.3855.0
  - Std. Pack: 100

- **Wire entry guide**
  - 0.75 – 1.0 mm²
  - Type: LEIN 25/3 SCHWARZ
  - Part No.: 06.564.3955.0
  - Std. Pack: 100

- **Cover with warning symbol over 4 blocks**
  - Type: ADFN 2,5/4 GELB
  - Part No.: 04.343.8353.8
  - Std. Pack: 10

- **Cover with warning symbol over 2 blocks**
  - Type: ADFN 2,5/4 GELB
  - Part No.: 04.343.8353.8
  - Std. Pack: 10

- **Marking tag carrier, 2-fold**
  - Type: BT 5/3
  - Part No.: 04.243.0765.0
  - Std. Pack: 100

- **Marking tag carrier, modular**
  - Type: PS WKC/F
  - Part No.: Z1.299.9753.0
  - Std. Pack: 10

- **Test plug**
  - Type: ST 2/2,3
  - Part No.: Z5.553.2921.0
  - Std. Pack: 10

- **Screwdriver, uninsulated**
  - Type: DIN 5264 B 0.6 x 3.5
  - Part No.: 06.502.4000.0
  - Std. Pack: 5

- **Screwdriver, uninsulated, MINI**
  - Type: DIN 5264 B 0.6 x 3.5
  - Part No.: 06.502.5000.0
  - Std. Pack: 10

**Marking accessories see page 78 – 79**

1 Follow the Ex installation instructions on the cover page
2 solid/fine-stranded
3 When using cross connectors on the upper tier

Subject to change without further notice
### WKFN 2,5 E3/D/D/SL/35
Fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3
No. 22-12 AWG 300 V 20
No. 24-12 AWG 300 V 24
5 mm 11 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/S3
Fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3
No. 22-12 AWG 600 V
No. 24-12 AWG 600 V
0.2 – 2.5 mm² 0.13 – 4 mm² 5 mm 11 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/D/D/SL/35
Fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3
No. 22-12 AWG 300 V 20
No. 24-12 AWG 300 V 24
5 mm 11 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/N/D/SL/35
Fine-stranded solid V A
0.13 – 2.5 mm² 0.13 – 4 mm² 500 V/6 kV/3
No. 22-12 AWG 600 V
No. 24-12 AWG 600 V
0.2 – 2.5 mm² 0.13 – 4 mm² 5 mm 11 mm

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/VB/35
Block color: black

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Vertically jumpered</td>
<td>black</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Feed-through</td>
<td>black</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/D/D/SL/35
Block color: gray

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Ground conductor</td>
<td>green/yellow</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WKFN 2,5 E3/N/D/SL/35
Block color: gray

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
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<tbody>
<tr>
<td>Upper tier</td>
<td>Feed-through</td>
<td>blue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Feed-through</td>
<td>gray</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Ground conductor</td>
<td>green/yellow</td>
<td></td>
<td></td>
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### WKFN 2,5 E3/S3
Block color: green/yellow

<table>
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<th>Std. Pack</th>
<th>Function</th>
<th>Color ID</th>
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<tbody>
<tr>
<td>Upper tier</td>
<td>Ground conductor</td>
<td>green/yellow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center tier</td>
<td>Vertically jumpered</td>
<td>green/yellow</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower tier</td>
<td>Ground conductor</td>
<td>green/yellow</td>
<td></td>
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Subject to change without further notice

Downloaded from [Elcodis.com](https://www.elcodis.com) electronic components distributor
Multi-tier terminal blocks with tension spring connection

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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<tr>
<td>Multi-tier block</td>
<td></td>
<td></td>
<td>Multi-tier block</td>
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<tr>
<td>gray</td>
<td>WKFN 4 E/35</td>
<td>56.704.7055.0</td>
<td>100</td>
<td>WKFN 4 E/VB/35</td>
<td>56.704.6955.1</td>
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<tr>
<td>Multi-tier block, vertically connected</td>
<td>black</td>
<td></td>
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<td></td>
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<tr>
<td>Multi-tier block, combined</td>
<td>gray</td>
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<td>WKFN 4 E/N/D/35</td>
<td>56.704.7655.0</td>
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<tr>
<td>Multi-tier block, combined</td>
<td>gray</td>
<td></td>
<td>WKFN 4 E/N/D/35</td>
<td>56.704.7655.0</td>
<td>100</td>
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<tr>
<td>Multi-tier ground block</td>
<td>green/yellow</td>
<td></td>
<td></td>
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<tr>
<td>Accessories</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Mounting rail 35, 7.5 mm high</td>
<td>L = 2 m</td>
<td></td>
<td>35x27x15 EN 60715</td>
<td>96.300.0000.0</td>
<td>1</td>
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<tr>
<td>Mounting rail 35, 15 mm high</td>
<td>L = 2 m</td>
<td></td>
<td>35x24x15 EN 60715</td>
<td>96.360.0000.0</td>
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</tr>
<tr>
<td>2. End clamp TS 35, with screw</td>
<td>8 mm wide</td>
<td>970B/2 S35</td>
<td>25.522.8553.0</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>End clamp TS 35, without screw</td>
<td>8 mm wide</td>
<td>WEF 1/35</td>
<td>25.523.9353.0</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>3. End plate</td>
<td>1,5 mm wide</td>
<td>gray</td>
<td>APFN 4 E...</td>
<td>07.312.9655.0</td>
<td>10</td>
</tr>
<tr>
<td>1,5 mm wide</td>
<td>blue</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,5 mm wide</td>
<td>green</td>
<td></td>
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<td></td>
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<tr>
<td>4. Partition plate</td>
<td>1,5 mm wide</td>
<td>gray</td>
<td>TWFN 4 E...</td>
<td>07.312.9755.0</td>
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<tr>
<td>1,5 mm wide</td>
<td>blue</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>5. Cross connector</td>
<td>2 pole</td>
<td>insulated</td>
<td>IVB WKF 4–2</td>
<td>Z7.261.1227.0</td>
<td>10</td>
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<tr>
<td>IB WKF 4–3</td>
<td>Z7.261.1327.0</td>
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<td></td>
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<tr>
<td>3 pole</td>
<td>IVB WKF 4–4</td>
<td>Z7.261.1427.0</td>
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<td></td>
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<td>4 pole</td>
<td>IVB WKF 4–5</td>
<td>Z7.261.1527.0</td>
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<td></td>
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<tr>
<td>5 pole</td>
<td>IVB WKF 4–6</td>
<td>Z7.261.1627.0</td>
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<tr>
<td>6 pole</td>
<td>IVB WKF 4–7</td>
<td>Z7.261.1727.0</td>
<td>20</td>
<td></td>
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<tr>
<td>7 pole</td>
<td>IVB WKF 4–8</td>
<td>Z7.261.1827.0</td>
<td>20</td>
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<tr>
<td>8 pole</td>
<td>IVB WKF 4–9</td>
<td>Z7.261.1927.0</td>
<td>20</td>
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<tr>
<td>9 pole</td>
<td>IVB WKF 4–10</td>
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<td>10 pole</td>
<td>IVB WKF 4–11</td>
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<td>6. Vertical cross connector</td>
<td>1 pole</td>
<td></td>
<td>IVB WKF 4–2</td>
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<tr>
<td>7. Wire entry guide</td>
<td>0.13–0.2 mm²</td>
<td>LEL 4/1 WEISS</td>
<td>05.561.8553.0</td>
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<tr>
<td>0.25–0.5 mm²</td>
<td>LEL 4/2 GRAU</td>
<td>05.561.8653.0</td>
<td>100</td>
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<tr>
<td>0.75–1.0 mm²</td>
<td>LEL 4/3 SCHWARZ</td>
<td>05.561.8753.0</td>
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<td></td>
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<tr>
<td>8. Cover with warning symbol over 4 blocks</td>
<td>ADF 4/1 GELB</td>
<td>04.343.6153.8</td>
<td>10</td>
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<td></td>
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<tr>
<td>9. Screwdriver, uninsulated</td>
<td>DIN 5264 B 0.6x3.5</td>
<td>06.502.4000.0</td>
<td>5</td>
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<tr>
<td>DIN 5264 B 0.6x3.5 M</td>
<td>06.502.5000.0</td>
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<tr>
<td>DIN 5264 B 0.6x3.5 M</td>
<td>06.502.5000.0</td>
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</table>

Follow the Ex installation instructions on the cover page

solid/fine-stranded

When using cross connectors on the upper tier

Subject to change without further notice
**WKFN 4 E/D/SL/35**

**WKFN 4 E/N/SL/35**

- fine-stranded solid
- V: 500 V, kV: 3, A: 0.13–4 mm², 0.13–6 mm²
- No. 24-10 AWG: 300 V, 30 mm²
- Lock color: gray

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<thead>
<tr>
<th>Type Part No. Std. Pack</th>
<th>Type Part No. Std. Pack</th>
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<tbody>
<tr>
<td>WKFN 4 E/D/SL/35 56.704.7855.0 500 V/6 kV/3 100</td>
<td>WKFN 4 E/N/SL/35 56.704.7755.0 300 V 30</td>
</tr>
<tr>
<td>35x27x7,5 EN 60715 9.8 360.0000.0 1</td>
<td>35x24x15 EN 60715 9.8 360.0000.0 1</td>
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<tr>
<td>9708/2 S35 Z 5.522.8553.0 100</td>
<td>WEF 1/35 5.523.9353.0 100</td>
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<td>APFN 4 E... 07.312.9655.0 10</td>
<td>APFN 4 E... 07.312.9655.7 10</td>
</tr>
<tr>
<td>TWFN 4 E... 07.312.9755.0 10</td>
<td></td>
</tr>
<tr>
<td>IWB WKF 4–2 27.261.1227.0 10</td>
<td></td>
</tr>
<tr>
<td>IWB WKF 4–3 27.261.1327.0 10</td>
<td>IWB WKF 4–4 27.261.1427.0 10</td>
</tr>
<tr>
<td>IWB WKF 4–5 27.261.1527.0 10</td>
<td>IWB WKF 4–6 27.261.1627.0 10</td>
</tr>
<tr>
<td>IWB WKF 4–7 27.261.1727.0 20</td>
<td>IWB WKF 4–8 27.261.1827.0 20</td>
</tr>
<tr>
<td>IWB WKF 4–9 27.261.1927.0 20</td>
<td>IWB WKF 4–10 27.261.2027.0 20</td>
</tr>
<tr>
<td>LEL 4/1 WEISS 05.561.8553.0 100</td>
<td>LEL 4/1 WEISS 05.561.8553.0 100</td>
</tr>
<tr>
<td>LEL 4/2 GRAU 05.561.8553.0 100</td>
<td>LEL 4/2 GRAU 05.561.8653.0 100</td>
</tr>
<tr>
<td>LEL 4/3 SCHWARZ 05.561.8553.0 100</td>
<td>LEL 4/3 SCHWARZ 05.561.8753.0 100</td>
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<tr>
<td>ADF 4/4 GELB 04.343.6153.8 10</td>
<td>ADF 4/4 GELB 04.343.6153.8 10</td>
</tr>
<tr>
<td>DIN 5264 B 0.6x3.5 M 06.502.5000.0 10</td>
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</table>
**Multi-tier function blocks with tension spring connection**

---

**WKFN 2,5 E...G**

- **Type**: fine-stranded, solid
- **V**: 0.13–2.5 mm²
- **A**: 0.13–4 mm²

**Accessories**

1. **Mounting rail 35, 7.5 mm high**
   - **L**: 2 m
   - **Part No.**: 56.703.XX55.5
2. **End clamp TS 35, with screw**
   - **Width**: 8 mm
   - **Part No.**: WEF 1/35
3. **End plate**
   - **Color**: gray
   - **Part No.**: APFN 2,5 E
4. **Partition plate**
   - **Color**: blue
   - **Part No.**: TWFN 2,5 E
5. **Cross connector**
   - **Insulated**: 2 pole
   - **Part No.**: IVB WKF 2,5–2
   - **Uninsulated**: 3 pole
   - **Part No.**: IVB WKF 2,5–3
6. **Vertical cross connector**
   - **1 pole**: IVB WKF–V
   - **Part No.**: Z7.280.6127.0
7. **Wire entry guide**
   - **0.13–0.2 mm²**: LELN 2,5/1 WEISS
   - **Part No.**: 05.564.3755.0
   - **0.25–0.5 mm²**: LELN 2,5/2 GRAU
   - **Part No.**: 05.564.3955.0
8. **Cover with warning symbol over 4 blocks**
   - **Part No.**: 04.343.8353.8
9. **Marking tag carrier, 2-fold**
   - **Part No.**: BI 4/2
10. **Test adapter, modular**
    - **Part No.**: PS WKF/P
11. **Screwdriver, uninsulated**
    - **Part No.**: DIN 5264 B 0.6x3.5
    - **Part No.**: 06.502.4000.0
    - **Part No.**: DIN 5264 B 0.6x3.5 M
    - **Part No.**: 06.502.5000.0

---

The multi-tier block is available on request as a function block for most different switching tasks.

---

**Function diagram**

---

---

Subject to change without further notice
The multi-tier block is available on request as a function block for most different switching tasks.

### Function diagram

<table>
<thead>
<tr>
<th>Function block</th>
<th>Part No.</th>
<th>Std. Pack</th>
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<tbody>
<tr>
<td>red</td>
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<tr>
<td>orange</td>
<td>WKFN 4 E /35...</td>
<td>56.704.XX55.9</td>
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### Accessories

<table>
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<tr>
<th>Mounting rail 35, 7.5 mm high</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
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<tbody>
<tr>
<td>L = 2 m</td>
<td>35x27x7.5 EN 60715</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>Mounting rail 35, 15 mm high</td>
<td>L = 2 m</td>
<td>35x24x15 EN 60715</td>
</tr>
<tr>
<td>End clamp TS 35, with screw</td>
<td>Part No.</td>
<td>Std. Pack</td>
</tr>
<tr>
<td>8 mm wide</td>
<td>WEF 1/35</td>
<td>25.522.8553.0</td>
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<tr>
<td>End clamp TS 35, without screw</td>
<td>Part No.</td>
<td>Std. Pack</td>
</tr>
<tr>
<td>8 mm wide</td>
<td>WEF 1/35</td>
<td>25.523.9383.0</td>
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<tr>
<td>End plate</td>
<td>Part No.</td>
<td>Std. Pack</td>
</tr>
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<td>gray</td>
<td>APFN 4 E..</td>
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<tr>
<td>blue</td>
<td>TWFN 4 E..</td>
<td>07.312.9755.0</td>
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<tr>
<td>green</td>
<td>TWFN 4 E..</td>
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<tr>
<td>insulated</td>
<td>Part No.</td>
<td>Std. Pack</td>
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<tr>
<td>2 pole</td>
<td>IVB WKF 4 – 2</td>
<td>Z7.261.1227.0</td>
</tr>
<tr>
<td>3 pole</td>
<td>IVB WKF 4 – 3</td>
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<tr>
<td>4 pole</td>
<td>IVB WKF 4 – 4</td>
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<tr>
<td>5 pole</td>
<td>IVB WKF 4 – 5</td>
<td>Z7.261.1527.0</td>
</tr>
<tr>
<td>6 pole</td>
<td>IVB WKF 4 – 6</td>
<td>Z7.261.1627.0</td>
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<tr>
<td>7 pole</td>
<td>IVB WKF 4 – 7</td>
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<tr>
<td>8 pole</td>
<td>IVB WKF 4 – 8</td>
<td>Z7.261.1827.0</td>
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<tr>
<td>9 pole</td>
<td>IVB WKF 4 – 9</td>
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<tr>
<td>10 pole</td>
<td>IVB WKF 4 – 10</td>
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<tr>
<td>Vertical cross connector</td>
<td>Part No.</td>
<td>Std. Pack</td>
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<tr>
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<td>LEL 4/1 WEISS</td>
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<tr>
<td>0.13 – 0.2 mm²</td>
<td>LEL 4/2 GRAU</td>
<td>05.561.8653.0</td>
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<tr>
<td>0.25 – 0.5 mm²</td>
<td>LEL 4/3 SCHWARZ</td>
<td>05.561.8753.0</td>
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<tr>
<td>0.75 – 1.0 mm²</td>
<td>LED rot</td>
<td>04.343.6153.8</td>
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<tr>
<td>Cover with warning symbol over 4 blocks</td>
<td>04.343.6153.8</td>
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<td>LED rot</td>
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<tr>
<td>8. Marking tag carrier, 2-fold</td>
<td>BT 4/2</td>
<td>04.243.0953.0</td>
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<tr>
<td>9. Test adapter, modular</td>
<td>PS WKC/P</td>
<td>21.299.9753.0</td>
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<td>10. Test plug</td>
<td>ST 2/2,3</td>
<td>25.553.2921.0</td>
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<td>11. Screwdriver, uninsulated</td>
<td>DIN 5264 B 0.6 x 3.5</td>
<td>08.502.4000.0</td>
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<tr>
<td>Screwdriver, uninsulated, MINI</td>
<td>DIN 5264 B 0.6 x 3.5 M</td>
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Subject to change without further notice
Potential distribution with standard cross connector IVB WKF 2,5...

Parallel connection of two cross connectors

Double jumpering

Potential distributions are possible on one or both sides

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<thead>
<tr>
<th>Type</th>
<th>Part No. Std. Pack</th>
<th>Type</th>
<th>Part No. Std. Pack</th>
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<td>35x27x15 EN 60715</td>
<td>98.300.0000.0 1</td>
</tr>
<tr>
<td>35x24x15 EN 60715</td>
<td>98.360.0000.0 1</td>
<td>9708/2 S35</td>
<td>Z3.522.8553.0 100</td>
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<tr>
<td>WKF 1/35</td>
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<td>WKF 1/35</td>
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<td>IEB WKF 25 – 4</td>
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<td>DIN 5284 B 0,6x3,5 M</td>
<td>06.502.5000.0 10</td>
</tr>
</tbody>
</table>

\[ I_{\text{max}} = \sum I_n \leq \sum I_{\text{block}} \]

Potential distribution

Jumpering

- single
- double

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No. Std. Pack</th>
<th>Type</th>
<th>Part No. Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKFN 2,5 TKM 2/2/35</td>
<td>56.703.5555.0 50</td>
<td>WKF 16/35 PV/WKFN</td>
<td>56.716.0353.0 20</td>
</tr>
<tr>
<td>35x27x15 EN 60715</td>
<td>98.300.0000.0 1</td>
<td>35x27x15 EN 60715</td>
<td>98.300.0000.0 1</td>
</tr>
<tr>
<td>35x24x15 EN 60715</td>
<td>98.360.0000.0 1</td>
<td>9708/2 S35</td>
<td>Z3.522.8553.0 100</td>
</tr>
<tr>
<td>WKF 1/35</td>
<td>Z3.523.8553.0 100</td>
<td>WKF 1/35</td>
<td>Z3.523.9553.0 100</td>
</tr>
<tr>
<td>ADFN 2,5 TKM 02/2</td>
<td>07.313.0055.0 10</td>
<td>IEB WKF 25 – 1</td>
<td>Z7.280.6027.0 10</td>
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<tr>
<td>IEB WKF 25 – 2</td>
<td>Z7.280.6227.0 10</td>
<td>IEB WKF 25 – 2</td>
<td>Z7.280.6327.0 10</td>
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<tr>
<td>IEB WKF 25 – 3</td>
<td>Z7.280.6427.0 10</td>
<td>IEB WKF 25 – 3</td>
<td>Z7.280.6527.0 10</td>
</tr>
<tr>
<td>IEB WKF 25 – 4</td>
<td>Z7.280.6627.0 10</td>
<td>IEB WKF 25 – 4</td>
<td>Z7.280.6927.0 10</td>
</tr>
<tr>
<td>IEB WKF 25 – 5</td>
<td>Z7.280.6727.0 20</td>
<td>IEB WKF 25 – 5</td>
<td>Z7.280.6827.0 20</td>
</tr>
<tr>
<td>IEB WKF 25 – 6</td>
<td>Z7.280.6827.0 20</td>
<td>IEB WKF 25 – 6</td>
<td>Z7.280.6927.0 20</td>
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<tr>
<td>IEB WKF 25 – 7</td>
<td>Z7.280.7027.0 20</td>
<td>IEB WKF 25 – 7</td>
<td>Z7.280.7027.0 20</td>
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<td>TWIN 2,5 TKM 02/2</td>
<td>07.313.0155.0 10</td>
<td>LELN 25/1 WEISS</td>
<td>05.564.3753.0 100</td>
</tr>
<tr>
<td>LELN 25/1 GRAU</td>
<td>05.564.3853.0 100</td>
<td>LELN 25/1 SCHWARZ</td>
<td>05.564.3953.0 100</td>
</tr>
<tr>
<td>ADFN 2,5/4 GELB</td>
<td>04.343.8353.8 10</td>
<td>ADFN 2,5/4 GELB</td>
<td>04.343.8353.8 10</td>
</tr>
<tr>
<td>DIN 5284 B 0,6x3,5 M</td>
<td>06.502.5000.0 10</td>
<td>DIN 5284 B 0,6x3,5 M</td>
<td>06.502.5000.0 10</td>
</tr>
</tbody>
</table>

Subject to change without further notice

* Type-specific output currents upon request
## Multi-tier disconnect terminal blocks with tension spring connection

---

**Type** | **Part No.** | **Std. Pack** | **Type** | **Part No.** | **Std. Pack**
--- | --- | --- | --- | --- | ---
Disconnect terminal block | gray | WKFN 2.5 TKM E1/35 | 56.703.6655.0 | 50 | WKFN 2.5 TKM E2/35 | 56.703.6655.0 | 50

### Accessories

1. Mounting rail 35, Din rail 7.5 mm high  
   L = 2 m  
   35x27x7.5 EN 60715  98.300.0000.0  1
   35x24x15 EN 60715  98.360.0000.0  1

2. End clamp TS 35, with screw  8 mm wide  
   9708/2 S3S  Z5.522.8553.0  100

3. End plate  
   blue | APFN 2.5 E1/2 | 07.312.7755.0 | 10 | APFN 2.5 E1/2 | 07.312.7755.0 | 10

4. Partition  
   blue | TWFN 2.5 E1/2 | 07.312.7855.0 | 10 | TWFN 2.5 E1/2 | 07.312.7855.0 | 10

5. Cross connector  
   2 pole | IVB WKF 2.5 – 2 | Z7.280.6227.0 | 10 | IVB WKF 2.5 – 2 | Z7.280.6227.0 | 10
   3 pole | IVB WKF 2.5 – 3 | Z7.280.6327.0 | 10 | IVB WKF 2.5 – 3 | Z7.280.6327.0 | 10
   4 pole | IVB WKF 2.5 – 4 | Z7.280.6427.0 | 10 | IVB WKF 2.5 – 4 | Z7.280.6427.0 | 10
   5 pole | IVB WKF 2.5 – 5 | Z7.280.6527.0 | 10 | IVB WKF 2.5 – 5 | Z7.280.6527.0 | 10
   6 pole | IVB WKF 2.5 – 6 | Z7.280.6627.0 | 10 | IVB WKF 2.5 – 6 | Z7.280.6627.0 | 10
   7 pole | IVB WKF 2.5 – 7 | Z7.280.6727.0 | 20 | IVB WKF 2.5 – 7 | Z7.280.6727.0 | 20
   8 pole | IVB WKF 2.5 – 8 | Z7.280.6827.0 | 20 | IVB WKF 2.5 – 8 | Z7.280.6827.0 | 20
   9 pole | IVB WKF 2.5 – 9 | Z7.280.6927.0 | 20 | IVB WKF 2.5 – 9 | Z7.280.6927.0 | 20
   10 pole | IVB WKF 2.5 – 10 | Z7.280.7027.0 | 20 | IVB WKF 2.5 – 10 | Z7.280.7027.0 | 20
   Vertical cross connector  
   1 pole | IVB WKF V | Z7.261.1127.0 | 10 | IVB WKF V | Z7.261.1127.0 | 10

6. Wire entry guide  
   0.13 – 0.2 mm²  
   0.25 – 0.5 mm²  
   0.75 – 1.0 mm²
   LELN 2.5/1 WEISS | 05.564.3753.0 | 100 | LELN 2.5/1 WEISS | 05.564.3753.0 | 100
   LELN 2.5/1 GRAU | 05.564.3853.0 | 100 | LELN 2.5/1 GRAU | 05.564.3853.0 | 100
   LELN 2.5/1 SCHWARZ | 05.564.3953.0 | 100 | LELN 2.5/1 SCHWARZ | 05.564.3953.0 | 100

7. Cover with warning symbol for 4 terminals  
   ADFN 2.5/4 GELB | 04.343.8353.8 | 10 | ADFN 2.5/4 GELB | 04.343.8353.8 | 10

8. Test adapter modular  
   PS WKC/F | Z1.299.9753.0 | 10 | PS WKC/F | Z1.299.9753.0 | 10

9. Test plug  
   ST 2/2 | Z5.553.2921.0 | 10 | ST 2/2 | Z5.553.2921.0 | 10

10. Screwdriver, uninsulated  
    DIN 5264 B 0.6x3.5 | 06.502.4000.0 | 5 | DIN 5264 B 0.6x3.5 | 06.502.4000.0 | 5
    Screwdriver, uninsulated, MINI  
    DIN 5264 B 0.6x3.5 M | 06.502.5000.0 | 10 | DIN 5264 B 0.6x3.5 M | 06.502.5000.0 | 10

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Subject to change without further notice

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Downloaded from Elcodis.com electronic components distributor
Fuse blocks with tension spring connection

EN 60 947-7-3:2002
UL ratings field/factory wiring
CSA ratings
KEMA 01 ATEX 2087 U

Width Wire strip length

Approvals

Indicator (24 V): LED, red current consumption: 10.3 mA
Indicator (220 V): LED, red current consumption: 0.3 mA

These applications.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

1) When selecting G fuse inserts, make sure that the specified maximum power is not exceeded. The current is determined by the inserted fuse.
2) The voltage range is determined by the built-in LED display. Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.

Indicator (24 V): LED, red current consumption: 10.3 mA
Indicator (220 V): LED, red current consumption: 0.3 mA

Depending on the application and the installation these applications.

Fuse blocks

Fuses 4 TKG with THSi 5 x 20

- Fine-stranded solid V A
0.13–4 mm² 0.13–6 mm² 500 V/8 kV/3

Fuses 4 TKG with THSi 6.3 x 32

- Fine-stranded solid V A
0.13–4 mm² 0.13–6 mm² 500 V/8 kV/3

Accessories

1. Mounting rail 35, 7.5 mm high L = 2 m
2. Mounting rail 35, 15 mm high L = 2 m
3. End plate gray
4. Partition plate gray
5. Cross connector 2 pole insulated
6. Wire entry guide 0.13–0.2 mm²
7. Connector with warning symbol over 4 blocks
8. Test plug
9. Screwdriver, uninsulated
10. Screwdriver, uninsulated, MINI

Supply block gray

Final accessories see pages 76–79

Subject to change without further notice

Elecodis.com electronic components distributor

Downloaded from elecdis.com
Potential distribution with standard cross connector IVB WKF 4...
– Parallel connection of two cross connectors ➔ double jumpering
– Potential distributions are possible on one or both sides

Potential distribution

<table>
<thead>
<tr>
<th>Jumpering</th>
<th>one side</th>
<th>both sides</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>single</td>
<td>double</td>
</tr>
<tr>
<td>I_{max}</td>
<td>64</td>
<td>76</td>
</tr>
<tr>
<td>I_{block}</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>

\[ I_{\text{max}} = \sum I_n \leq \sum I_{\text{block}} \]

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>WKF 16/35 PV/WKFN</td>
<td>56.716.0353.0</td>
<td>20</td>
</tr>
<tr>
<td>35x27x15 EN 60715</td>
<td>98.300.0000.0</td>
<td>1</td>
</tr>
<tr>
<td>35x24x15 EN 60715</td>
<td>98.360.0000.0</td>
<td>1</td>
</tr>
<tr>
<td>970B/2 535</td>
<td>Z6.522.8553.0</td>
<td>100</td>
</tr>
<tr>
<td>WEF 1/35</td>
<td>Z6.523.9353.0</td>
<td>100</td>
</tr>
<tr>
<td>NB WKF 4–2</td>
<td>Z7.261.1227.0</td>
<td>10</td>
</tr>
<tr>
<td>NB WKF 4–3</td>
<td>Z7.261.1327.0</td>
<td>10</td>
</tr>
<tr>
<td>NB WKF 4–4</td>
<td>Z7.261.1427.0</td>
<td>10</td>
</tr>
<tr>
<td>NB WKF 4–5</td>
<td>Z7.261.1527.0</td>
<td>10</td>
</tr>
<tr>
<td>NB WKF 4–6</td>
<td>Z7.261.1627.0</td>
<td>10</td>
</tr>
<tr>
<td>NB WKF 4–7</td>
<td>Z7.261.1727.0</td>
<td>20</td>
</tr>
<tr>
<td>NB WKF 4–8</td>
<td>Z7.261.1827.0</td>
<td>20</td>
</tr>
<tr>
<td>NB WKF 4–9</td>
<td>Z7.261.1927.0</td>
<td>20</td>
</tr>
<tr>
<td>NB WKF 4–10</td>
<td>Z7.261.2027.0</td>
<td>20</td>
</tr>
<tr>
<td>ADF 16/4 GELB</td>
<td>04.343.6653.8</td>
<td>10</td>
</tr>
<tr>
<td>ST 2/2.3</td>
<td>Z6.553.2921.0</td>
<td>10</td>
</tr>
<tr>
<td>DIN 5284 B 1,0x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
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</tbody>
</table>

* Type-specific output currents upon request
**Fuse blocks**

**with tension spring connection**

1) When selecting G fuse inserts, make sure that the specified maximum power is not exceeded. The current is determined by the inserted fuse.

2) The voltage range is determined by the built-in LED display. Depending on the application and the installation method, the conditions for temperature rise must be checked in the closed fuse holders. Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red

- current consumption: 10.3 mA

Indicator (220 V): LED, red

- current consumption: 0.3 mA

3) Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the current load is determined by the component installed.

4) The current load is determined by the component installed.

### Approvals

- UL ratings
- CSA ratings

#### Wire strip length

<table>
<thead>
<tr>
<th>Width</th>
<th>Wire strip length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 mm</td>
<td>pending</td>
</tr>
<tr>
<td>11 mm</td>
<td>pending</td>
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</tbody>
</table>

#### Connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disconnect ground block</td>
<td>gray</td>
<td></td>
</tr>
<tr>
<td>Fuse holder for fuse 5 x 20</td>
<td>WFN 4 TKG/35</td>
<td>56.704.4055.0</td>
</tr>
<tr>
<td>Fuse holder with indicator (24 V)</td>
<td>gray</td>
<td></td>
</tr>
<tr>
<td>Fuse holder with indicator (220 V)</td>
<td>gray</td>
<td></td>
</tr>
<tr>
<td>Diode plug – empty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diode plug – diode</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diode plug with jumper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply block</td>
<td>gray</td>
<td></td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mounting rail 35, 7.5 mm high L = 2 m</td>
<td>35x27x7.5 EN 60715</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>2. End clamp TS 35, with screw 8 mm wide</td>
<td>9708/2 S35</td>
<td>25.522.8653.0</td>
</tr>
<tr>
<td>3. End plate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Partition plate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Cross connector insulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Wire entry guide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Cover with warning symbol over 4 blocks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Test plug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Screwdriver, uninsulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Screwdriver, uninsulated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WFN 4 TKG with SiST**

- 0.13 – 4 mm²
- 0.13 – 6 mm²
- 500 V/8 kV/3

**WFN 4 TKG with DiST**

- 0.13 – 4 mm²
- 0.13 – 6 mm²
- 500 V/8 kV/3

Subject to change without further notice
- Potential distribution with standard cross connector IVB WKF 4...
- Parallel connection of two cross connectors -> double jumpering
- Potential distributions are possible on one or both sides

$$I_{\text{max}} = \sum I_n \leq \sum I_{\text{block}}$$

<table>
<thead>
<tr>
<th>Jumpering</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>single</td>
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</tr>
<tr>
<td>$I_{\text{max}}$</td>
<td>64</td>
<td>76</td>
</tr>
<tr>
<td>$I_{\text{block}}$</td>
<td>32</td>
<td>32</td>
</tr>
</tbody>
</table>

**Potential distribution**

**WKF 16/35 PV/WKFN**

<table>
<thead>
<tr>
<th>fine-stranded</th>
<th>solid/stranded</th>
<th>V</th>
<th>A</th>
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</thead>
<tbody>
<tr>
<td>4 - 16 mm²</td>
<td>4 - 16 mm²</td>
<td>800 V</td>
<td>8 kV/3</td>
</tr>
<tr>
<td>No. 24-4 AWG</td>
<td>600 V</td>
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</tr>
<tr>
<td>No. 12-4 AWG</td>
<td>690 V</td>
<td>64*</td>
<td></td>
</tr>
</tbody>
</table>

**Type-specific output currents upon request**

Subject to change without further notice

**Elcodis.com** electronic components distributor
For machine and system control wiring, practice-oriented solutions are preferred that are primarily economical and reliable and thus contribute to the system’s operational and functional safety.

**Fasis KOI** was designed to connect the great variety of initiators and actuators to central and remote control systems. The initiator and actuator blocks of type WKF 1,5 KOI have, in particular, been conceived for the requirements in machine and system engineering. They facilitate the wiring task through clearly arranged termination points and an easily accessible and operable tension spring technology.

**Fasis KOI** is a compact and efficient wiring system for connection purposes, potential distribution and transmission of signals from initiators and actuators.

- Control-compatible system solutions through accurate tuning of the connection modules’ number of poles to the input and output modules of the PLC.
- Flexible fixation through snap-on to the TS35 mounting rail or screw-on of the connection module to the base board.
- Application-specific individual terminal block as a link between initiators, actuators and the PLC.

**Economically designed**

- Low space requirements due to compact dimensioning of the individual terminal blocks and integration of the potential distribution inside the connection module.
- Efficient installation and start-up of the wiring system by simply fitting the connection module with components, which supersedes additional connection accessories.
- Reduction of the warehousing costs due to a low variety of parts without having to forego flexibility in the application.

**Service-friendly operation**

- Short maintenance times for modifications of the terminal block assembly by replacing or extending individual blocks without interrupting the power supply of the other initiator and actuator blocks.
- Immediate visual monitoring of the switching states due to integrated light-emitting diodes.
- No maintenance required due to a permanently safe and dynamic terminal block connection using spring clamp technology in a tension spring system.

**Application-related selection**

- Power supply to the connection modules through supply blocks, alternatively with LEDs.
- Potential distribution through connection modules in designs for 9 (1+8) or 18 (2x(1+8)) terminal blocks.
- Initiator blocks, for example for the connection of 3-wire or 4-wire proximity or position switches, alternatively with LEDs.
- Actuator terminals, for example for the connection of magnetic valves.
Connection module

Collect and distribute potentials
- Potential distribution is achieved quickly and safely as soon as the terminal blocks are snapped on.
- Connection rails for the plus, minus and ground or screen potential are each integrated in the connection modules.
- The system does not require any additional cross connectors.

Marking system

All clamping points marked clearly
- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to the termination point while wiring.
- Simplified troubleshooting for servicing.
- Individual marking with the wiemarc and wieplot marking systems.

Cover for connection modules

Collect and distribute potentials
- Unused terminal block locations can be closed with connection module covers and thus prevent accidental contact.
- The covers are delivered in 8 pole sets and can be separated individually as required.
- Protection against accidental contact according to IP20 is guaranteed when the covers are snapped on.

Wire entry guides

Connect „small cross sections“ safely
- Wire entry guides prevent the wires from being inserted too deeply (smaller than 1 mm²) and enable an easy, professional and quick installation.
- Ensure the connection of solid and fine-stranded wires smaller than 1 mm².
- Also see the accessories for DIN rail terminal blocks on page 73!

Connection module

Collect and distribute potentials
- Potential distribution is achieved quickly and safely as soon as the terminal blocks are snapped on.
- Connection rails for the plus, minus and ground or screen potential are each integrated in the connection modules.
- The system does not require any additional cross connectors.

Marking system

All clamping points marked clearly
- Marking tags easily readable even with the wires connected.
- Clear assignment of wire to the termination point while wiring.
- Simplified troubleshooting for servicing.
- Individual marking with the wiemarc and wieplot marking systems.

Materials

High-quality materials selected
- Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  - clamping spring: stainless CrNi steel
  - current-carrying bar: tin-plated copper
- Polyamide has excellent electrical, chemical and mechanical characteristics:
  - temperature resistance: up to 120°C
  - creepage resistance: CTI 600
  - flammability class: self-extinguishing, UL94-V2
Initiator and actuator blocks with tension spring connection

EN 60 947-7-1/DIN VDE 0611 T1
UL ratings field/factory wiring
CSA ratings
Width Wire strip length
Approvals

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiator block</td>
<td>gray</td>
<td>WKF 1.5 KOI 3L 37.702.7453.0 50</td>
</tr>
<tr>
<td>Initiator block with LED (PNP)</td>
<td>gray</td>
<td>WKF 1.5 KOI 3L-PGE 37.702.8453.0 50</td>
</tr>
<tr>
<td>Initiator block</td>
<td>gray</td>
<td>WKF 1.5 KOI 3L/SL 37.702.7553.0 50</td>
</tr>
<tr>
<td>Initiator block with LED (PNP)</td>
<td>black</td>
<td>WKF 1.5 KOI 3L/SL-PGE 37.702.8553.0 50</td>
</tr>
<tr>
<td>Supply block</td>
<td>black</td>
<td>WEF 1/35 37.702.7653.0 50</td>
</tr>
<tr>
<td>Actuator block</td>
<td>gray</td>
<td>WEF 1/35 37.702.7653.0 50</td>
</tr>
<tr>
<td>Connection module for 9 blocks</td>
<td>black</td>
<td>WEF 1/35 37.702.7653.0 50</td>
</tr>
<tr>
<td>Connection module for 18 blocks</td>
<td>black</td>
<td>WEF 1/35 37.702.7653.0 50</td>
</tr>
</tbody>
</table>

Accessories

1. Mounting rail 35, 7.5 mm high 35x27x7.5 EN 60715 98.300.0000.0 1 |
   Mounting rail 35, 15 mm high 35x24x15 EN 60715 98.360.0000.0 1 |
2. End clamp TS 35, with screw 8 mm wide 9708/2 S35 25.522.8563.0 100 |
   End clamp TS 35, screwless 8 mm wide WEF 1/35 25.523.9353.0 100 |
3. End plate
4. Partition plate
5. Cross connector 3 pole 
   insulated 3 pole |
   4 pole 3 pole |
   5 pole 3 pole |
   6 pole 3 pole |
   7 pole 3 pole |
   8 pole 3 pole |
   9 pole 3 pole |
   10 pole 3 pole |
6. Wire entry guide 0.13 – 0.2 mm² LEL 1.5/1 WEISS 06.562.2453.0 100 |
   0.25 – 0.5 mm² LEL 1.5/2 GRAU 06.562.2553.0 100 |
   0.75 – 1.0 mm² LEL 1.5/3 SCHWARZ 06.562.2653.0 100 |
7. Cover for connection module DIN 5264 B 0.6 x 3.5 06.502.4000.0 5 |
8. Screwdriver, uninsulated DIN 5264 B 0.6 x 3.5 06.502.4000.0 5 |

Marking accessories see page 76 – 79

Subject to change without further notice
### WKF 1,5 KOE...
- **Type**: Fine-stranded solid
- **V**: 65 V
- **A**: 10 mm
- **Part No.**: 37.702.7753.0

### WKF 1,5 KOA 2L...
- **Type**: Fine-stranded solid
- **V**: 65 V
- **A**: 10 mm
- **Part No.**: 37.702.7653.0

### VM WKF...
- **V**: 65 V
- **A**: 10 mm
- **Part No.**: 69.700.1853.0

---

### Type | Part No. | Std. Pack | Type | Part No. | Std. Pack | Type | Part No. | Std. Pack
--- | --- | --- | --- | --- | --- | --- | --- | ---
WKF 1,5 KOE | 37.702.7753.0 | 50 | WKF 1,5 KOA ZL | 37.702.7653.0 | 50 | VM WKF Kd. 9 | 69.700.0953.0 | 10
WKF 1,5 KOE-PGN | 37.702.8753.0 | 50 | WKF 1,5 KOA ZL/PGE | 37.702.8653.0 | 50 | VM WKF Kd. 18 | 69.700.1853.0 | 5

---

- **35x27x7,5 EN 60715**: 98.300.0000.0
- **35x24x15 EN 60715**: 98.360.0000.0
- **9708/2 S35**: 25.522.8563.0
- **WEF 1/35**: 25.523.9353.0
- **LEL 1,5/1 WEISS**: 05.562.2453.0
- **LEL 1,5/2 GRAU**: 05.562.2553.0
- **LEL 1,5/3 SCHWARZ**: 05.562.2653.0
- **DIN 5264 B 0,6x3,5**: 06.502.4000.0

---

Subject to change without further notice.
**DIN rail terminal blocks with tension spring and pluggable connections**

**System advantages**
- **Spring clamp technology**
  - with tension spring connection
  - Separation of electrical and mechanical functions

- **TOP connection**
  - Wire entry and screwdriver access in same plane

- **Built-in test points**

- **Pre-assembled modules**

- **Pluggable wiring inside the control cabinet**

**Application advantages**
- **Dynamic connections**
  - Protection of the connection against "cold flow" and creepage

- **Pre-programmed clamping force**
  - The clamping force required to connect the wire is created by the spring elements of the clamp

- **Durable and maintenance-free electrical connection**
  - according to EN 60947-7-1

- **Clear wiring**
  - In small confined spaces

- **Test points for test plugs**
  - up to Ø 2.3 mm on all clamping points, without having to remove the connected wire

- **Reduced downtime**
  - due to quick and easy component replacement

- **Wiring errors reduced to a minimum**

- **Cost reduction**
  - in assembly on site

- **Time saving due to pluggable accessories**

- **Flexible potential distribution**
  - through terminal strip

- **Two versions of DIN rail terminal blocks:**
  - WKF 2.5/D2/8113... with 2 inputs and 2 outputs on one potential, only 5 mm wide
  - WKF 2.5 E/8113/35 with 2 inputs and 2 outputs with different potentials in double-tier design

- ** Protected against accidental contact**

- **Safety through coding**

- **Dead front safety as per IEC 60529 due to shrouded pins on the plug side**

- **Coding pieces prevent incorrect mating of the pluggable connector**

Subject to change without further notice
Cross connection
- Jumping with insulated cross connector IVB WKF 2.5...
- Two-channel system inside the terminal strip enables chained jumping through cross connectors
- No partition plates required between adjacent cross connectors
- Cross connectors IVB WKF 2.5... can be loaded with the rated current

Wire entry guides
- For the connection of wires with cross sections smaller than 18 AWG we recommend the use of wire entry guides
- Wire entry guides prevent the wires from being inserted beyond the optimal clamping point and ensure a safe and secure connection

Marking accessories
- Single marking tag in 5 mm spacing
- Marking strips (10 tags) to snap on to the terminal blocks
- Tear-off marking strips for 3-digit marking options per block
- Custom marking upon request

Cover with warning symbol
- Cover with warning symbol ADF to snap on to blocks that remain live when the main switch is disconnected (VDE 0113)
- Cover for spring-loaded termination point ADF 2.5/4 GELB
- Cover for PCB connection ADF 8113/10 GELB
- Cover can only be removed with a screwdriver

Material
- Metal parts
  - Special alloys and surface treatments provide low contact resistance and high corrosion resistance
  - Clamping spring: stainless CrNi steel
  - Busbar: tin-plated cooper
- Insulating material
  - Polymide has excellent electrical, chemical and mechanical characteristics
  - Insulating housing: Polymide 66/6
  - Tracking resistance: CTI 600
  - Flammability class: UL 94 V-0
  (see also AT catalog section facts & DATA)

DQS certificates for all products
- Quality standard as per DIN ISO 9001
- in Development, Production, Assembly
- Continued control of the quality standard by means of regular internal and external quality audits
- Compatible with certificates of other countries:
  - BSI Certificate, Great Britain
  - SQS Certificate, Switzerland
  - Aib-Vincotte Certificate, Belgium
  - ÖQS Certificate, Austria

Our wieplan software helps to plan your DIN rail terminal block assemblies (see AT catalog page 36/37).

Note
The information regarding cross-sectional areas and connection types pertains to wires without ferrules. Ferrules are not necessary for secure connection.

The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to. For this purpose, Wieland offers a large selection of appropriate accessories.

A detailed description of technical data, the standards requirements, and the application conditions can be found in catalog section facts & DATA.
DIN rail terminal blocks with tension spring and pluggable connections

**WKF 2,5 D2/8113/35**
- **Type:** fine-stranded solid
- **Part No.:** 56.703.2053.0
- **Std. Pack:** 100
- **No. 22-12 AWG:** 300 V
- **No. 24-12 AWG:** 300 V

**WKF 2,5 D2/8113/SL/35**
- **Type:** fine-stranded solid
- **Part No.:** 56.703.9253.0
- **Std. Pack:** 100
- **No. 22-12 AWG:** 300 V
- **No. 24-12 AWG:** 300 V

---

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duo feed-through block</strong></td>
<td>gray</td>
<td>WKF 2.5 D2/8113/35</td>
<td>56.703.2053.0</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>WKF 2.5 D2/8113/35 BLAU</td>
<td>56.703.2053.6</td>
</tr>
<tr>
<td><strong>Duo ground block</strong></td>
<td>yellow/green</td>
<td>APF 2.5/2/8113</td>
<td>07.312.4153.0</td>
</tr>
<tr>
<td></td>
<td>gray</td>
<td>APF 2.5/2/8113</td>
<td>07.312.4153.6</td>
</tr>
<tr>
<td><strong>Multi-tier block</strong></td>
<td>gray</td>
<td>WKF 2.5 D2/8113 SL/35</td>
<td>56.703.9253.0</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>WKF 2.5 D2/8113 SL/35 BLAU</td>
<td>56.703.9253.6</td>
</tr>
</tbody>
</table>

**Accessories**
1. Mounting rail 35, 7.5 mm high
   - L = 2 m
   - 35x27x7.5 EN 60715 98.300.0000.0  1
2. End clamp TS 35, with screw
   - 8 mm wide
   - 9708/2 S35 25.522.8563.0  100
   - End clamp TS 35, screwless
   - 8 mm wide
   - WEF 1/35 25.523.9353.0  100
3. End plate
   - gray | APF 2.5/D2/8113 | 07.312.4153.0 |
   - blue | APF 2.5/D2/8113 | 07.312.4153.6 |
4. Partition plate
   - gray | IB WKF 2.5–2 | Z7.280.6227.0 |
   - blue | IB WKF 2.5–3 | Z7.280.6327.0 |
5. Cross connector
   - 2 pole | IB WKF 2.5–4 | Z7.280.6227.0 |
   - 3 pole | IB WKF 2.5–5 | Z7.280.6327.0 |
   - 4 pole | IB WKF 2.5–6 | Z7.280.6227.0 |
   - 5 pole | IB WKF 2.5–7 | Z7.280.6327.0 |
   - 6 pole | IB WKF 2.5–8 | Z7.280.6227.0 |
   - 7 pole | IB WKF 2.5–9 | Z7.280.6327.0 |
   - 8 pole | IB WKF 2.5–10 | Z7.280.6227.0 |
6. Wire entry guide
   - 0.13–0.2 mm² | LEL 2.5/1 WEISS | 05.561.6553.0 |
   - 0.25–0.5 mm² | LEL 2.5/2 GRAU | 05.561.6653.0 |
   - 0.75–1.0 mm² | LEL 2.5/3 SCHWARZ | 05.561.6753.0 |
7. Cover with warning symbol over 4 blocks
   - ADF 2.5/4 GELB | 04.343.6053.8 |
   - Cover with warning symbol over 4 poles
   - AD 8113/4 GELB | 04.343.6853.8 |
8. Screwdriver, uninsulated
   - DIN 5264 B 0.6 x 3.5 | 06.502.4000.0 |
9. Coding strip
   - 05.561.0053.0  100

**Approvals**
- UL ratings field/factory wiring
- CSA ratings Wire strip length Width
- EN 60715 Width Wire strip length
- 5 mm 11 mm

**Width Wire strip length**
- 5 mm 11 mm

**Accessories**
- Marking accessories see page 76–79

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Subject to change without further notice
**WKF 1,5 E/8113/35**

Type | Part No. | Std. Pack |
--- | --- | --- |
WKF 1,5 E/8113/35 | 56.702.2053.0 | 100 |
35x27x7,5 EN 60715 | 98.300.0000.0 | 1 |
35x24x15 EN 60715 | 98.360.0000.0 | 1 |
9W1/35 | 25.522.8553.0 | 100 |
WVF 1/35 | 25.523.9353.0 | 100 |
APF 1/5/E/8113 | 07.312.7553.0 | 10 |

**WKF 1,5 E/35**

Type | Part No. | Std. Pack |
--- | --- | --- |
WKF 1,5 E/35 | 56.702.7053.0 | 100 |
5x27x7,5 EN 60715 | 8.300.0000.0 | 1 |
5x24x15 EN 60715 | 8.360.0000.0 | 1 |
9W1/35 | 25.522.8553.0 | 100 |
WVF 1/35 | 25.523.9353.0 | 100 |
APF 1,5/E | 07.312.7553.0 | 10 |

**Typ 8113 BFK**

Type | Part No. | Std. Pack |
--- | --- | --- |
WVF 1/35 | 56.702.2053.0 | 100 |
35x27x7,5 EN 60715 | 98.300.0000.0 | 1 |
35x24x15 EN 60715 | 98.360.0000.0 | 1 |
9W1/35 | 25.522.8553.0 | 100 |
WVF 1/35 | 25.523.9353.0 | 100 |
APF 1,5/E | 07.312.7553.0 | 10 |

**PC board connector**

- **Spring clamp/tension spring system**
- **5 mm spacing**
- **2.5 mm²**

**Rated voltages:**
- VDE 0110/01.89
  - 250 V/4 kV/3
  - Overvoltage category III
- 400 V/4 kV/2
  - Overvoltage category II
- 1000 V/4 kV/1
  - Overvoltage category I

Subject to change without further notice.

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**Accessories:**
- Coding piece

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**Subject to change without further notice.**

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**Downloaded from Elcodis.com electronic components distributor**
We have designed the motor connection block for a practice-oriented wiring of three-phase field devices. This is especially exhibited in the dimensioning of the rated values such as the high rated voltage of 800 V (EN 60947-7).

The connector can therefore also be used in 690 V networks, for example as connector for activating generators or AC motors up to 15 kW.

For the 4 wiring tiers of the motor connection block (3 feed-through potentials and one ground connection) the space requirements on the mounting rail are reduced to only 6 mm.

The motor connection block is a "space saver" providing you with many connection options.

Clear marking of all clamping points
Benefits:
• Group marking in the center of the block is possible
• Clear assignment of wire to termination point on wiring
• Individual marking with the wiemare marking system

Flexible and universal connecting
Benefits:
• Connection of solid, stranded and fine-stranded wires between 0.13 and 6 mm²
• Connection of fine-stranded wires with ferrule between 0.5 and 4 mm²

Use and save
Benefits:
• Snap on and the ground connection to the mounting rail is made
• Compact: 6 mm required on the mounting rail for one motor
• Design: closed insulated housing, no accessories

Measuring voltage with an integrated testing facility
Benefits:
• Testing at full wiring
• Testing directly at the current carrying bar
WKF 4 3D/SL

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor connection block</td>
<td>gray</td>
<td>WKF 4 3D/SL</td>
</tr>
</tbody>
</table>

Accessories

1. Mounting rail 35, 7.5 mm high
   - L = 2 m
   - 35x27x7.5 EN 60715 98.300.0000.0 1
   - 35x24x15 EN 60715 98.360.0000.0 1

2. End clamp TS 35, with screw
   - 8 mm wide
   - 9706/2 535 25.522.8553.0 100
   - End clamp TS 35, without screw
     - 8 mm wide
     - WEF 1/35 25.523.9353.0 100

3. End plate
   - gray
   - blue

4. Partition plate
   - gray
   - blue

5. Cross connector
   - 2 pole
   - insulated
     - 3 pole
     - 4 pole
     - 5 pole
     - 6 pole
     - 7 pole
     - 8 pole
     - 9 pole
     - 10 pole

6. Wire entry guide
   - 0.13 – 0.2 mm²
   - 0.25 – 0.5 mm²
   - 0.75 – 1.0 mm²

7. Cover with warning symbol over 4 blocks

8. Test plug
   - DIN 5294 B 0.6x3.5 06.502.4000.0 5

Marking accessories see page 76 – 79

Subject to change without further notice
With our DIN rail terminal block system fasis MINI we focus on the application’s size and flexibility. fasis MINI is a range of DIN rail terminal blocks in tension spring technology designed for installation in confined spaces.

The portfolio comprises ground blocks and feed-through blocks in various colors with 2 or 4 connections per potential. The potential in the WKFM 2,5 terminal block series can be distributed, modified and extended quickly, flexibly and without problem by using cross connectors.

For installation on TS 35 and TS 15 mounting rails, on mounting boards or inside universal terminal boxes we provide various designs with latching foot, latching pin or screw flange.

**Solutions for applications in confined spaces**

- Space-saving miniature terminal blocks in many designs for installation inside universal terminal boxes, motors and applications with low space requirements.
- Easy wiring through user-friendly entry guides for screwdrivers from the top.
- Marking tags easily readable even with the wires connected.
- Individual planning and marking using wieplan and wiemarc.

**Application-related selection**

- Miniature terminal blocks with latching foot for direct installation on the mounting board.
- Miniature terminal blocks with flange for direct screw fixation on the mounting board.
- Miniature terminal blocks for installation on TS 15 or TS 35 mounting rails.

**Combined individually**

- DIN rail terminal blocks of the fasis MINI series are available in 2 and 4 pole configurations.
- fasis MINI blocks can be chained individually even without mounting rails by using the integrated latching pins.
- The various potentials and terminal blocks are visually distinguished by various color variations.
- Individual marking using marking tags or customized printing of the terminal blocks.

**Permanent electrical connection**

- The tension spring system provides a dynamic clamping connection. Load-controlled and thermal cold flow properties of the connected wires are balanced.
- Maintenance-free and gas-tight electrical connection as specified by the approvals. Customized layouts can be created individually.
- Separation of electrical and mechanical functions.
### WKMF 2,5/15
- Type: fine-stranded solid
- Standard: V A
- Width: Wire strip length
- Wire Strip Length:
  - Width: 0.13 – 2.5 mm²
  - 500 V/6 kV/3
- No. of Terminals: 2
- UL ratings: No. 26-12 AWG
- CSA ratings: No. 26-12 AWG
- Ex e II
- EN 50045
- Width: 7.260 mm
- Type Part No. Std. Pack
  - Feed-through block: WKM2,5/15 55.703.0053 100
  - Ground block: WKM2,5/15 55.703.0053 100

### WKMF 2,5 SL/15
- Type: fine-stranded solid
- Standard: V A
- Width: Wire strip length
- Wire Strip Length:
  - Width: 0.13 – 2.5 mm²
  - 500 V/6 kV/3
- No. of Terminals: 2
- UL ratings: No. 26-12 AWG
- CSA ratings: No. 26-12 AWG
- Ex e II
- EN 50045
- Width: 7.260 mm
- Type Part No. Std. Pack
  - Feed-through block: WKM2,5 SL/15 55.703.053 100
  - Ground block: WKM2,5 SL/15 55.703.053 100

### Accessories
- 1. Mounting rail 15, 5.5 mm high
- 2. End clamp TS 15, metal 7.5 mm wide
- 3. End plate 1.5 mm wide gray
- 4. Partition plate 1.5 mm wide gray
- 5. Cross connector 2 pole
- 6. Wire entry guide 0.13 – 0.2 mm²
- 7. Cover with warning symbol for 4 terminals
- 8. Screwdriver, uninsulated
- Marking accessories see page 76 – 79

Subject to change without further notice.

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For maintaining the proper isolation distances, the open side of feed-through or ground blocks as well as both sides of a jumper are to be covered by partitions.

1) Please note the mounting instructions in AT catalog.
2) with/without jumper

Marking accessories see page 76 – 79.
## Mini terminal blocks

**with tension spring connection**

### Mini terminal blocks

**fasis**

**MINI**

**Mini terminal blocks**

- **with tension spring connection**

**fasis**

---

**Mini terminal blocks**

- **WKF 2,5/M with flange**
  - fine-stranded solid
  - V: 800 V
  - A: 24

**WKF 2,5/M**

- 0.13–2.5 mm²
- 0.13–4 mm²

**WKF 2,5/M**

- 37.703.0553.0 100 11 mm
- WKF 2,5/M BLAU 37.703.0553.6 100
- WKF 2,5/M ORANGE 37.703.0553.9 100

**WKF 2,5/M/F**

- 39.703.0153.0 100 11 mm
- WKF 2,5/M/F BLAU 39.703.0153.6 100
- WKF 2,5/M/F ORANGE 39.703.0153.9 100

**APF 2,5/M.../F/R**

- 07.312.3153.0 10 11 mm
- APF 2,5/M.../F/R BLAU 07.312.3153.6 10
- APF 2,5/M.../F/R ORANGE 07.312.3153.9 10

**LEL 2,5/1**

- WEISS 0 5.561.6553.0 100
- GRAU 0 5.561.6653.0 100
- SCHWARZ 0 5.561.6753.0 100

<table>
<thead>
<tr>
<th>Feed-through block</th>
<th>Unmarked</th>
<th>Gray</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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<td>WKF 2,5/M</td>
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<td>WKF 2,5/M ORANGE</td>
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<td>WKF 2,5/M/F</td>
<td>39.703.0153.0</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>blue</td>
<td>WKF 2,5/M/F BLAU</td>
<td>39.703.0153.6</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>orange</td>
<td>WKF 2,5/M/F ORANGE</td>
<td>39.703.0153.9</td>
<td>100</td>
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<tr>
<td>Duo feed-through block</td>
<td>Unmarked</td>
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<td>WKF 2,5/M</td>
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<td>100</td>
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<tr>
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<td></td>
<td>blue</td>
<td>WKF 2,5/M BLAU</td>
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<td>WKF 2,5/M ORANGE</td>
<td>37.703.1053.9</td>
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<td>gray</td>
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<tr>
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<td>orange</td>
<td>WKF 2,5/M/F ORANGE</td>
<td>39.703.0253.9</td>
<td>100</td>
</tr>
</tbody>
</table>

**Accessories**

1. **End plate with flange on the right**
   - Gray:
     - Type: WKF 2,5/M...
     - Part No.: 07.312.3153.0
     - Std. Pack: 10
   - Blue:
     - Type: WKF 2,5/M/BLAU...
     - Part No.: 07.312.3153.6
     - Std. Pack: 10
   - Orange:
     - Type: WKF 2,5/M/ORANGE...
     - Part No.: 07.312.3153.9
     - Std. Pack: 10

2. **Wire entry guide**
   - Type: LEL 2,5/1
   - Part No.: 05.561.6553.0
   - Std. Pack: 100
   - WEISS:
     - 05.561.6553.0
   - GRAU:
     - 05.561.6653.0
   - SCHWARZ:
     - 05.561.6753.0

3. **Cross connector, insulated**
   - Type: LEL 2,5/3 SCHWARZ
   - Part No.: 05.561.6753.0
   - Std. Pack: 100
   - WEISS:
     - 05.561.6553.0
   - GRAU:
     - 05.561.6653.0
   - SCHWARZ:
     - 05.561.6753.0

4. **Marking strip, unmarked**
   - Type: 04.244.0053.0
   - Std. Pack: 5

5. **Screwdriver, uninsulated**
   - Type: 04.844.2053.0
   - Std. Pack: 5

---

**Marking accessories see page 76–79**

---

**Subject to change without further notice**
## Feed-through block

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
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</thead>
<tbody>
<tr>
<td>Feed-through block</td>
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</tr>
<tr>
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<td>38.703.0553.0</td>
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<tr>
<td>Feed-through block</td>
<td>blue</td>
<td>38.703.0553.6</td>
</tr>
<tr>
<td>Feed-through block</td>
<td>orange</td>
<td>38.703.0553.9</td>
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<tr>
<td>Duo feed-through block</td>
<td>gray</td>
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<tr>
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</tr>
<tr>
<td>Duo feed-through block</td>
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<td>38.703.1053.6</td>
</tr>
<tr>
<td>Duo feed-through block</td>
<td>orange</td>
<td>38.703.1053.9</td>
</tr>
</tbody>
</table>

## Accessories

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
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<td>1. End plate</td>
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<td></td>
<td>blue</td>
<td>07.312.2953.6</td>
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<tr>
<td></td>
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</tr>
<tr>
<td>2. Wire entry guide</td>
<td>0.13 – 0.2 mm²</td>
<td>05.561.6553.0</td>
</tr>
<tr>
<td></td>
<td>0.25 – 0.5 mm²</td>
<td>05.561.6653.0</td>
</tr>
<tr>
<td></td>
<td>0.75 – 1.0 mm²</td>
<td>05.561.6753.0</td>
</tr>
<tr>
<td>3. Cross connector, insulated</td>
<td>2 pole</td>
<td>05.902.3500.0</td>
</tr>
<tr>
<td>4. Marking strip,</td>
<td>unmarked</td>
<td>04.244.0053.0</td>
</tr>
<tr>
<td></td>
<td>marked (1 – 11)</td>
<td>04.844.2053.0</td>
</tr>
<tr>
<td></td>
<td>marked (12 – 55)</td>
<td>04.844.2153.0</td>
</tr>
<tr>
<td></td>
<td>marked (56 – 99)</td>
<td>04.844.2253.0</td>
</tr>
<tr>
<td>5. Screwdriver, uninsulated</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIN 5284 B 0.6 x 3.5</td>
<td>06.502.4000.0</td>
</tr>
</tbody>
</table>

Subject to change without further notice
### Mini terminal blocks
with tension spring connection

**WKF 2,5/M/15**
- **Type**: fine-stranded solid
- **Wire strip length**: 5 mm - 11 mm
- **Rated Voltage**: 800 V
- **Current (A)**: 24

<table>
<thead>
<tr>
<th>Feed-through block</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>unmarked gray</td>
<td>55.703.0553.0</td>
<td>100</td>
</tr>
<tr>
<td>unmarked blue</td>
<td>55.703.0553.6</td>
<td>100</td>
</tr>
<tr>
<td>unmarked orange</td>
<td>55.703.0553.9</td>
<td>100</td>
</tr>
<tr>
<td>unmarked green</td>
<td>55.703.0553.7</td>
<td>100</td>
</tr>
</tbody>
</table>

**Feed-through block**
- **Part No.**: 9021/15 x 5,5 EN 50045
- **Pack**: 98.090.0015.0

**Zubehör**
1. **Mounting rail 15**, 5.5 mm high, L = 2 m
2. **End clamp TS 15**
3. **End plate**
4. **Wire entry guide**
5. **Cross connector, insulated**
6. **Marking strip, unmarked** (4 x 22 pcs.)
7. **Screwdriver, uninsulated**

---

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## WKF 2,5/M/35

<table>
<thead>
<tr>
<th>Width</th>
<th>Wire strip length</th>
<th>Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 mm</td>
<td>11 mm</td>
<td></td>
</tr>
<tr>
<td>10 mm</td>
<td>11 mm</td>
<td></td>
</tr>
</tbody>
</table>

### Specifications
- **Type**: fine-stranded solid
- **Voltage**: 800 V
- **Current**: 24 A
- **Rating**: EN 60715

### Accessories
- **Feed-through block**
  - Unmarked gray: WKF 2,5/M/35 56.703.0553.0 100
  - Unmarked blue: WKF 2,5/M/35 BLAU 56.703.0553.6 100
  - Unmarked orange: WKF 2,5/M/35 ORANGE 56.703.0553.9 100
  - Unmarked green: WKF 2,5/M/35 GRÜN 56.703.0553.7 100
- **Duo feed-through block**
  - Unmarked gray: WKF 2,5/MD/35 56.703.1053.0 100
  - Unmarked blue: WKF 2,5/MD/35 BLAU 56.703.1053.6 100
  - Unmarked orange: WKF 2,5/MD/35 ORANGE 56.703.1053.9 100
  - Unmarked green: WKF 2,5/MD/35 GRÜN 56.703.1053.7 100
- **Mounting rail 15**: 5.5 mm high L = 2 m
- **End clamp TS 15**: 0.13–0.2 mm², 0.25–0.5 mm², 0.75–1.0 mm²
- **Cross connector, insulated**: 2 pole
- **Marking strip, unmarked**: (4 x 22 pcs.)
- **Screwdriver, uninsulated**: DIN 5264 8 0.6 x 3.5

### Marking
- **Type**
  - Part No.
  - Std.
  - Pack
  - WKF 2,5/M/35 56.703.0553.0 100
  - WKF 2,5/M/35 BLAU 56.703.0553.6 100
  - WKF 2,5/M/35 ORANGE 56.703.0553.9 100
  - WKF 2,5/M/35 GRÜN 56.703.0553.7 100
  - WKF 2,5/MD/35 56.703.1053.0 100
  - WKF 2,5/MD/35 BLAU 56.703.1053.6 100
  - WKF 2,5/MD/35 ORANGE 56.703.1053.9 100
  - WKF 2,5/MD/35 GRÜN 56.703.1053.7 100

### Additional Items
- **Mounting rail 35**: 7.5 mm high L = 2 m
- **Mounting rail 35**: 15 mm high L = 2 m
- **End plate**: gray, blue, orange
- **Wire entry guide**: 0.13–0.2 mm², 0.25–0.5 mm², 0.75–1.0 mm²
- **Cross connector, insulated**: 2 pole
- **Marking strip, unmarked**: (4 x 22 pcs.)
- **Screwdriver, uninsulated**: DIN 5264 8 0.6 x 3.5

Subject to change without further notice.
# Accessories for DIN rail terminal blocks

## Cross connector for feed-through blocks

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 1.5-2</td>
<td>27.260.0227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 1.5-3</td>
<td>27.268.0327.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 1.5-4</td>
<td>27.268.0427.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 1.5-5</td>
<td>27.268.0527.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 1.5-10</td>
<td>27.268.1027.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 1.5-20</td>
<td>27.268.2027.0</td>
<td>10</td>
</tr>
<tr>
<td>2.5 mm², 5 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 2.5-2</td>
<td>27.280.6227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 2.5-3</td>
<td>27.280.6327.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 2.5-4</td>
<td>27.280.6427.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 2.5-5</td>
<td>27.280.6527.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 2.5-6</td>
<td>27.280.6627.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 2.5-7</td>
<td>27.280.6727.0</td>
<td>20</td>
</tr>
<tr>
<td>IVB WKF 2.5-8</td>
<td>27.280.6827.0</td>
<td>20</td>
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<tr>
<td>IVB WKF 2.5-9</td>
<td>27.280.6927.0</td>
<td>20</td>
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<tr>
<td>IVB WKF 2.5-10</td>
<td>27.280.7027.0</td>
<td>20</td>
</tr>
<tr>
<td>IVB WKF-V</td>
<td>27.261.1127.0</td>
<td>10</td>
</tr>
<tr>
<td>4 mm², 6 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 4-2</td>
<td>27.261.1227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-3</td>
<td>27.261.1327.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-4</td>
<td>27.261.1427.0</td>
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<tr>
<td>IVB WKF 4-5</td>
<td>27.261.1527.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-6</td>
<td>27.261.1627.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-7</td>
<td>27.261.1727.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-8</td>
<td>27.261.1827.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-9</td>
<td>27.261.1927.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 4-10</td>
<td>27.261.2027.0</td>
<td>10</td>
</tr>
<tr>
<td>6 mm², 8 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 6-2</td>
<td>27.282.5227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 6-5</td>
<td>27.282.5527.0</td>
<td>10</td>
</tr>
<tr>
<td>10 mm², 10 mm wide</td>
<td></td>
<td></td>
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<tr>
<td>IVB WKF 10-2</td>
<td>27.283.8227.0</td>
<td>10</td>
</tr>
<tr>
<td>16 mm², 12 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 16-2</td>
<td>27.284.4227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 16R10-2</td>
<td>27.284.4327.0</td>
<td>10</td>
</tr>
<tr>
<td>35 mm², 16 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IVB WKF 35-2</td>
<td>27.285.6227.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 35R10-2</td>
<td>27.285.6427.0</td>
<td>10</td>
</tr>
<tr>
<td>IVB WKF 35R16-2</td>
<td>27.285.6527.0</td>
<td>10</td>
</tr>
</tbody>
</table>

## Notching tool for cross connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AKW /A</td>
<td>95.300.0500.0</td>
<td>1</td>
</tr>
</tbody>
</table>

## Test plug with spring clamp connection for WKF/WKC terminal blocks

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AKW /A</td>
<td>95.300.0500.0</td>
<td>1</td>
</tr>
</tbody>
</table>

## Jumping cross connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 pole 1-3</td>
<td>99.013.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>4 pole 1-4</td>
<td>99.014.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>5 pole 1-5</td>
<td>99.015.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>5 pole 1 to 3</td>
<td>99.031.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>7 pole 1 to 3</td>
<td>99.032.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>9 pole, 1 to 3, 5 and 7</td>
<td>99.033.9999.9</td>
<td>10</td>
</tr>
<tr>
<td>11 pole, 1 to 3, 5, 7 and 9</td>
<td>99.034.9999.9</td>
<td>10</td>
</tr>
</tbody>
</table>

## Additional combinations upon request

Please note the instructions for jumping cross connectors on page 11!

* For 6 mm spacings a ZP/AP PS is snapped on behind each test plug or blind piece.

---

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Cover with warning symbol over 4 blocks

Wire entry guides
for conductors with cross sections smaller than 1 mm²

Screwdrivers as operating tools

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td>DIN 5264 B 0,4x2,5</td>
<td>06.502.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,4x2,5</td>
<td>06.502.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,4x2,5</td>
<td>06.502.4300.0</td>
</tr>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td>DIN 5264 B 0,6x3,5</td>
<td>06.502.4000.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5</td>
<td>06.502.4000.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5</td>
<td>06.502.4000.0</td>
</tr>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td>DIN 5264 B 0,6x3,5 M</td>
<td>06.502.5000.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 M</td>
<td>06.502.5000.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 M</td>
<td>06.502.5000.0</td>
</tr>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td>DIN 5264 B 0,6x3,5 W</td>
<td>05.564.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 W</td>
<td>05.564.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 W</td>
<td>05.564.4300.0</td>
</tr>
<tr>
<td>1.5 mm², 4 mm wide</td>
<td>DIN 5264 B 0,6x3,5 MW</td>
<td>05.564.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 MW</td>
<td>05.564.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x3,5 MW</td>
<td>05.564.4300.0</td>
</tr>
<tr>
<td>2.5 mm², 5 mm wide</td>
<td>DIN 5264 B 0,6x4</td>
<td>06.502.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x4</td>
<td>06.502.4300.0</td>
<td>10</td>
<td>DIN 5264 B 0,6x4</td>
<td>06.502.4300.0</td>
</tr>
<tr>
<td>2.5 mm², 5 mm wide</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
</tr>
<tr>
<td>4 mm², 6 mm wide</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
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<tr>
<td>4 mm², 6 mm wide</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
</tr>
<tr>
<td>4 mm², 6 mm wide</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
<td>5</td>
<td>DIN 5264 B 1x5,5</td>
<td>06.502.4200.0</td>
</tr>
</tbody>
</table>

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### Mounting rails and end clamps for DIN rail terminal blocks

**Mounting rail 35 x 7.5** according to DIN EN 60715

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Steel, galv. zinc-plated and dichromated, unslotted</td>
<td>35 x 27 x 7.5 EN 60715</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>2. Steel, unplated unslotted</td>
<td>35 x 27 x 7.5 EN 60715</td>
<td>98.300.0010.0</td>
</tr>
<tr>
<td>3. Steel, hot-galvanized unslotted</td>
<td>35 x 27 x 7.5 EN 60715</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>4. E copper unslotted</td>
<td>35 x 27 x 7.5 EN 60715</td>
<td>98.300.0000.0</td>
</tr>
</tbody>
</table>

**Mounting rail 35 x 15** according to DIN EN 60715

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Steel, galv. zinc-plated and dichromated, slotted</td>
<td>35 x 27 x 15 EN 60715</td>
<td>98.370.0000.0</td>
</tr>
<tr>
<td>2. Steel, unplated slotted</td>
<td>35 x 27 x 15 EN 60715</td>
<td>98.370.1000.0</td>
</tr>
<tr>
<td>3. Steel, hot-galvanized slotted</td>
<td>35 x 27 x 15 EN 60715</td>
<td>98.370.1000.0</td>
</tr>
<tr>
<td>4. E copper slotted</td>
<td>35 x 27 x 15 EN 60715</td>
<td>98.370.1000.0</td>
</tr>
</tbody>
</table>

**End clamp**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. End clamp for TS 35, with screw</td>
<td>8 mm wide</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>6. End clamp for TS 35, with screw with marking facility</td>
<td>8/17.5 mm wide</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>7. End clamp for TS 35, screwless</td>
<td>5 mm wide</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>8. End clamp for TS 35, screwless with marking facility</td>
<td>8/17.5 mm wide</td>
<td>98.300.0000.0</td>
</tr>
<tr>
<td>9. Marking tag with carrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Marking card in perforated sheets</td>
<td>(1 sheet = 100 single tags)</td>
<td></td>
</tr>
</tbody>
</table>

Subject to change without further notice
### Mounting rail 35 x 15 according to DIN EN 60715
- **35 x 27 x 15 EN 60715**: Part No. 98.360.0000.0, Std. Pack 1
- **35 x 27 x 15 EN 60715 ZN**: Part No. 98.360.0004.0, Std. Pack 1
- **35 x 27 x 15 EN 60715 CU**: Part No. 98.380.0000.0, Std. Pack 10

### End clamp for TS 35 screw mount
- **9708/2 35**: Part No. Z5.522.8553.0, Std. Pack 100
- **9708/2 BS/35**: Part No. 69.920.0553.0, Std. Pack 100

### End clamp for TS 35 screwless mount
- **WEF 2/35**: Part No. Z5.523.9453.0, Std. Pack 100
- **WEF 1/35**: Part No. Z5.523.9353.0, Std. Pack 100
- **BSIR**: Part No. Z4.243.8453.0, Std. Pack 100
- **04.019.0289.0**: Std. Pack 10
- **04.019.0289.0**: Std. Pack 10

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# Configuration and marking systems for DIN rail terminal blocks

## Configuration software

**wieplan**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>wieplan CD</td>
<td>95.502.1000.0</td>
<td>1</td>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
<td>wiemarc CD</td>
<td>95.502.0501.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- CD with cover

**Description:**
- **wieplan** is a software used to configure, document and order DIN rail terminal block assemblies. The intuitive user interface makes working with **wieplan** as easy as child’s play.
- The software enables data exchange through CAE systems:
  - EPLAN 5
  - EPLAN Electric P8

**System requirements:**
- Pentium II PC or compatible, min. 200 MHz
- 64 Mbyte RAM
- CD-ROM drive
- VGA graphics adapter and monitor

**wieplan** supports:
- Windows 98®
- Windows 2000®
- Windows NT®
- Windows ME®
- Windows XP®

## Marking computer

**marcom 2**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- Marking computer in case
- European power supply unit
- Power Pack
- Data cassette with job memory
- Marking tag carrier
- Plotter pen, 0.25 mm
- Cleaning set

**Description:**
- **marcom 2** is a freely programmable marking computer for DIN rail terminal blocks, pluggable connectors, switching devices and cables. The computer provides a large number of fonts, with numerical and alphanumerical characters and symbols. **marcom 2** is portable and can be used at any location; it can be operated either using the mains or batteries.

**Technical data:**
- Operator panel: 190 mm x 45 mm
- Resolution: 0.01 mm
- Power supply unit: 50/60 Hz, 100 – 230 V
- Output voltage: 9,5 V (150 mV/1.4 VA) or 14 V (450 mA/6.3 VA)
- Replaceable battery: 16.8 V (14 NiCd-Zellen)
- Dimensions: 380 mm x 190 mm x 63 mm
- Weight: 6.2 kg

## Marking software

**wiemarc**

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>wiemarc CD</td>
<td>95.502.0501.0</td>
<td>1</td>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
<td>marcom 2</td>
<td>95.502.0000.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- CD with cover

**Description:**
- **wiemarc** is a Windows® based plotter software for customized marking using the **wieplot 500** plotter system.
- Both the Wieland standard marking system and marking tags and labels of other suppliers can be marked easily. The **wiemarc** software version 4.0 provides the option of connecting to the **wieplot 500 E-UNIT** engraving system.

**System requirements:**
- Pentium II PC or compatible, min. 200 MHz
- 64 Mbyte RAM
- CD-ROM drive
- VGA graphics adapter and monitor

**wiemarc** supports:
- Windows 98®
- Windows 2000®
- Windows NT®
- Windows ME®
- Windows XP®

Subject to change without further notice
Marking system for DIN rail terminal blocks with spring clamp connection

Plotter system *wieplot* 500

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete package</td>
<td>95.502.0604.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- Plotter *wieplot* 500
- Data cable and manual
- 4 receptacles for WSB*
- Accessories kit
- Software *wiemarc*

**Description:**
With *wiemarc* you can create customized marking data on your PC. These can then be output on the *wieplot* 500 plotter system to various marking plates.

*WSB (= Wieland standard marking system)*

**Technical data:**
- Resolution: 0.01 mm
- Accuracy: +/- 0.05 mm
- Power supply unit: 50/60 Hz, 100–240 V
- Output voltage: 24 V DC 1.4 A
- Current input: ca. 0.3 A bei 220 V
- Approval: UL-UL1950, CSA 950, VDE EN 60950
- Radio interf. suppr.: FCC class B

**Accessories:**
- Ink cartridge P1.0, 5 x 1 ml 95.502.0199.0
- Cleaning set 95.502.0198.0
- Pen cleaner 95.502.0197.0
- Dust protection hood 95.502.0612.0
- Service kit for pen station 95.502.0613.0
- Seal inserts kit
- Receptacles for Wieland marking plates
- Receptacle for WSB 95.502.0620.0
- Receptacle for BZ/WKF 1 95.502.0627.0
- Receptacle for BZ/WKF 1,5/10 95.502.0628.0
- Available on request: Receptacles for marking systems from competition
- Use of *wiemarc* with non-Wieland plotter systems

---

Ink kit for *wieplot* 500

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ink kit</td>
<td>95.502.0610.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- Plotter pen 0.25 mm with ink cartridge
- Permanent plotter pen 0.3 mm
- Cleaning set

**Plotter pens for *wieplot* 500 systems:**
- Plotter pen 0.18 mm 95.502.0118.0
- Plotter pen 0.25 mm 95.502.0125.0
- Plotter pen 0.35 mm 95.502.0135.0
- Plotter pen 0.50 mm 95.502.0150.0
- Dispos. plotter pen 0.25 mm 95.502.0125.1
- Dispos. plotter pen 0.35 mm 95.502.0135.1
- Hand pens 0.25 mm 95.502.0425.0
- Hand pens 0.35 mm 95.502.0435.0
- Hand pens 0.50 mm 95.502.0450.0
- Hand pens 0.70 mm 95.502.0470.0

**Description:**
- Plotter pens
- Permanent plotter pens
- Dispos. plotter pens
- Hand pens

**Ink kit:**
- Plotter pen 0.25 mm
- Permanent plotter pen 0.3 mm
- Cleaning set

**Accessories:**
- Ink cartridge P1.0, 5 x 1 ml
- Cleaning set
- Pen cleaner
- Dust protection hood
- Service kit for pen station
- Seal inserts kit
- Receptacles for Wieland marking plates
- Receptacle for WSB
- Receptacle for BZ/WKF 1
- Receptacle for BZ/WKF 1,5/10
- Receptacles for marking systems from competition
- Use of *wiemarc* with non-Wieland plotter systems

---

Engraving unit for *wieplot* 500

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engraving unit</td>
<td>95.502.0700.0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Contents:**
- Engraving spindle
- Engraving head (with fuse and counter bearing)
- Control unit *wieplot* VEC 500
- Vacuum cleaner *wieplot* VC 500
- Connection cables

**Description:**
The *wieplot* 500 E-UNIT engraving unit has been designed for use with the *wieplot* 500 plotter. The system is set up for engraving multi-layer plastic tags. The Plotboard A4 in a 297 x 202 mm format is the receptacle for marking paper sheets and labels and also enables engraving of plastic boards.

**Accessories:**
- Graving tool SET, complete 95.502.0710.0
- Graving tool 0.2 mm 95.502.0710.2
- Graving tool 0.3 mm 95.502.0710.3
- Graving tool 0.4 mm 95.502.0710.4
- Graving tool 0.5 mm 95.502.0710.5
- Graving tool 0.7 mm 95.502.0710.7
- Graving tool 1.0 mm 95.502.0711.0

**Receptacles:**
- Plotboard A4 95.502.0625.0

---

Downloaded from Elcodis.com electronic components distributor
## Marking accessories for DIN rail terminal blocks

### All blocks / 5 mm wide and larger

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, unmarked</td>
<td>9705 A/5/10/6</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 14 mm</td>
<td>Z4.242.61533.0</td>
<td>60 tags per plate</td>
</tr>
</tbody>
</table>

### 1.5 mm² / 4 mm wide

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, unmarked</td>
<td>9705 A/5/10/11</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 8.3 mm</td>
<td>Z4.242.5053.0</td>
<td>110 tags per plate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, marked</td>
<td>9705 A/5/10/11</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 8.3 mm</td>
<td>Z4.242.5053.0</td>
<td>100 tags per plate</td>
</tr>
</tbody>
</table>

### Custom marking upon request

- * Marking strips, unmarked for center block marking
- * Marking strips, marked for center block marking

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking strips, unmarked</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
<tr>
<td>Width 5 x 8 mm</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
</tbody>
</table>

### Custom marking upon request

- * Marking strips, marked for center block marking
- * Marking strips, unmarked for center block marking

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking strips, marked</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
<tr>
<td>Width 5 x 8 mm</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
</tbody>
</table>

### Marking plates

- **Marking plates** for *marcom* 2 marking computer
- **marking computer**
- **wieplot** 500 plotter system

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, unmarked</td>
<td>9705 A/5/10/11</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 8.3 mm</td>
<td>Z4.242.5053.0</td>
<td>110 tags per plate</td>
</tr>
</tbody>
</table>

### Single marking tag, unmarked

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, unmarked</td>
<td>9705 A/5/10/11</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 8.3 mm</td>
<td>Z4.242.5053.0</td>
<td>110 tags per plate</td>
</tr>
</tbody>
</table>

### Single marking tag, marked

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking plate, unmarked</td>
<td>9705 A/5/10/11</td>
<td>10</td>
</tr>
<tr>
<td>Width 5 x 8.3 mm</td>
<td>Z4.242.5053.0</td>
<td>110 tags per plate</td>
</tr>
</tbody>
</table>

### Marking strips, unmarked

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking strips, unmarked</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
<tr>
<td>Width 5 x 8 mm</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
</tbody>
</table>

### Marking strips, marked

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking strips, marked</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
<tr>
<td>Width 5 x 8 mm</td>
<td>9605 A/4/10</td>
<td>04.243.2053.0</td>
</tr>
</tbody>
</table>

### Marking strips, marked

- * Custom marking upon request
- * Custom marking upon request

---

* Subject to change without further notice
## Ferrules for DIN rail terminal blocks

**Ferrules with insulating material sleeve**

**Materials:**
- **Sleeve:** Polypropylene, temperature resistance 105 °C, creepage resistant
- **Tube:** E-Cu, galvanically tin-plated

**Ferrules without insulating material sleeve**

**Material:**
- **Tube:** E-Cu, galvanically tin-plated

---

<table>
<thead>
<tr>
<th>Cross section mm²</th>
<th>Color</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferrules with insulating material sleeve according to DIN 46 228 T4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.50 norm.</td>
<td>white</td>
<td>06.600.2027.0</td>
<td>100</td>
</tr>
<tr>
<td>0.75 norm.</td>
<td>gray</td>
<td>06.600.2127.0</td>
<td>100</td>
</tr>
<tr>
<td>1.00 norm.</td>
<td>red</td>
<td>06.600.2227.0</td>
<td>100</td>
</tr>
<tr>
<td>1.50 norm.</td>
<td>black</td>
<td>06.600.2327.0</td>
<td>100</td>
</tr>
<tr>
<td>1.50 long</td>
<td>black</td>
<td>06.600.2427.0</td>
<td>100</td>
</tr>
<tr>
<td>2.50 norm.</td>
<td>blue</td>
<td>06.600.2527.0</td>
<td>100</td>
</tr>
<tr>
<td>2.50 long</td>
<td>blue</td>
<td>06.600.2627.0</td>
<td>100</td>
</tr>
<tr>
<td>4.00 norm.</td>
<td>gray</td>
<td>06.600.2727.0</td>
<td>100</td>
</tr>
<tr>
<td>4.00 long</td>
<td>gray</td>
<td>06.600.2827.0</td>
<td>100</td>
</tr>
<tr>
<td>6.00 norm.</td>
<td>yellow</td>
<td>06.600.2927.0</td>
<td>100</td>
</tr>
<tr>
<td>6.00 long</td>
<td>yellow</td>
<td>06.600.3027.0</td>
<td>100</td>
</tr>
<tr>
<td>10.00 norm.</td>
<td>red</td>
<td>06.600.3127.0</td>
<td>100</td>
</tr>
<tr>
<td>10.00 long</td>
<td>red</td>
<td>06.600.3227.0</td>
<td>100</td>
</tr>
<tr>
<td>16.00 norm.</td>
<td>blue</td>
<td>06.600.3327.0</td>
<td>100</td>
</tr>
<tr>
<td>16.00 long</td>
<td>blue</td>
<td>06.600.3427.0</td>
<td>100</td>
</tr>
<tr>
<td>25.00 halflong</td>
<td>yellow</td>
<td>06.600.3527.0</td>
<td>50</td>
</tr>
<tr>
<td>Ferrules without insulating material sleeve according to DIN 46 228 T1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.50 norm.</td>
<td></td>
<td>06.600.4027.0</td>
<td>1000</td>
</tr>
<tr>
<td>0.75 norm.</td>
<td></td>
<td>06.600.4127.0</td>
<td>1000</td>
</tr>
<tr>
<td>1.00 norm.</td>
<td></td>
<td>06.600.4227.0</td>
<td>1000</td>
</tr>
<tr>
<td>1.50 norm.</td>
<td></td>
<td>06.600.4327.0</td>
<td>1000</td>
</tr>
<tr>
<td>2.50 norm.</td>
<td></td>
<td>06.600.4427.0</td>
<td>1000</td>
</tr>
<tr>
<td>4.00 norm.</td>
<td></td>
<td>06.600.4527.0</td>
<td>1000</td>
</tr>
<tr>
<td>6.00 norm.</td>
<td></td>
<td>06.600.4627.0</td>
<td>500</td>
</tr>
<tr>
<td>10.00 norm.</td>
<td></td>
<td>06.600.4727.0</td>
<td>500</td>
</tr>
<tr>
<td>16.00 norm.</td>
<td></td>
<td>06.600.4827.0</td>
<td>100</td>
</tr>
<tr>
<td>25.00 norm.</td>
<td></td>
<td>06.600.4927.0</td>
<td>100</td>
</tr>
<tr>
<td>35.00 norm.</td>
<td></td>
<td>06.600.5027.0</td>
<td>100</td>
</tr>
</tbody>
</table>

Subject to change without further notice
# Tools for DIN rail terminal blocks

## Wire strippers

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire strippers</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>A/W/A</td>
<td>95.350.0100.0</td>
<td>1</td>
</tr>
</tbody>
</table>

## Pressing tools

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressing tool for ferrules</td>
<td>95.101.000.0</td>
<td>1</td>
</tr>
<tr>
<td>Pressing tool A</td>
<td>95.101.1300.0</td>
<td>1</td>
</tr>
<tr>
<td>Pressing tool B</td>
<td>95.101.1100.0</td>
<td>1</td>
</tr>
<tr>
<td>Pressing tool C</td>
<td>95.101.1200.0</td>
<td>1</td>
</tr>
</tbody>
</table>

- **Wire strippers**
  - 0.08 – 10 mm² AWG 28 – 7

- **Pressing tools**
  - A: 0.08 – 10 mm² AWG 28 – 7
  - B: 10 – 25 mm² AWG 7 – 4
  - C: 35 – 50 mm² AWG 2 – 1/0

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“We at Wieland” know what you need!
For more than 90 years we have been your competent partner in the field of connection technology for your products. Close cooperation with our customers helps to create innovative products manufactured according to the highest quality standards.
Increasing automation as well as the safety functions to be implemented inside buildings increase the requirements for power and signal management in electrical distribution systems. The growing number of circuits and the increasingly confined space available requires a DIN rail terminal block system that reduces the amount and costs of cabling but still enables clear and convenient wiring.
Wieland’s DIN rail terminal blocks provide you with the right solution.

DIN rail terminal blocks for junction boxes with spring clamp connection, type WKF/WKIF/WKIS

The right solution for your application
All DIN rail terminal blocks of the BIT series comply with the directives for the setup of high-voltage and supply systems for safety services according to VDE 0108 and have been designed for use in public buildings. Isolation measurement, for example, can be carried out with the wires connected.
You have the choice. The connection technology can be implemented either in purely spring clamp or screw technology or they can be mixed together.

DIN rail terminal blocks with push-in spring
The new installation blocks of series fasis are with push-in are an outstanding extension to the existing product range.
fasis helps to increase efficiency in electrical installations even more, since rigid as well as flexible wires with ferrules can be directly connected without opening the termination point thus achieving considerable time savings.

DIN rail terminal blocks with tension spring
The tension spring technology of series fasis stands out due to its maintenance-free and vibration-proof connection technology. The TOP connection is especially suitable for confined spaces.
Due to its great product variety and a wire range between 0.5 mm² and 16 mm² the fasis series enables many innovative solutions for various requirements.

DIN rail terminal blocks with screw connection
The screw connection technology of series selos is the best known and most widely used connection technology worldwide. The lateral connection option makes wiring more convenient in installations, especially on the supply side and in the case of larger cross sections.
The user-friendly selos series can be used universally in the wire range between 0.5 mm² and 50 mm².

Subject to change without further notice