

ST 2,5/ 1P

Order No.: 3040012

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Pluggable spring-cage terminal block for mounting on NS 35

Commercial data

EAN	4017918832612
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0.005725 KG
Catalog page information	Page 202 (CL-2007)

Product notesWEEE/RoHS-compliant since:
01/01/2003

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Technical data**General**

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class acc. to UL 94	V0

Dimensions

Width	5.2 mm
Length	48.5 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Technical data

Maximum load current	24 A (For 4 mm ² conductor cross section, see derating curve)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61 984
Nominal current I _N	24 A (see derating curve)
Nominal voltage U _N	500 V
Open side panel	ja

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Type of connection	Special and hybrid connection
Stripping length	10 mm
Internal cylindrical gage	A3

Certificates / Approvals**CUL**

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	24-12

UL

Nominal voltage U_N	600 V
Nominal current I_N	20 A
AWG/kcmil	24-12
Certification	BV, CB, CUL, DNV, GL, GOST, LR, UL, VDE-PZI

Accessories

Item	Designation	Description
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Assembly

3030721	ATP-ST 4	Partition plate, for visual and electrical separation of terminal groups, width: 2 mm, color: gray
3030417	D-ST 2,5	Cover, width: 2.2 mm, length: 48.5 mm, color: Gray

Bridges

3030161	FBS 2-5	Plug-in bridge for cross-connections in the terminal center, 2-pos., color: Red
3030174	FBS 3-5	Plug-in bridge for cross-connections in the terminal center, 3-pos., color: Red
3030187	FBS 4-5	Plug-in bridge for cross-connections in the terminal center, 4-pos., color: Red
3030190	FBS 5-5	Plug-in bridge for cross-connections in the terminal center, 5-pos., color: Red
3030213	FBS 10-5	Plug-in bridge for cross-connections in the terminal center, 10-pos., color: Red
3030226	FBS 20-5	Plug-in bridge for cross-connections in the terminal center, 20-pos., color: Red
3038930	FBS 50-5	Plug-in bridge for cross-connections in the terminal center, 50-pos., color: Red

Marking		
3040588	PC	Coding for all basic terminal blocks
0800190	ZB 5 /VT-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: violet
1050004	ZB 5 :UNBEDRUCKT	Zack strip, unprinted, 10-section, for individual labeling with M-PEN, ZB-T or CMS system, pack is sufficient for 100 terminal blocks, for a terminal width of 5.2 mm, color: White
1050127	ZB 5,LGS:1-9	Zack strip, printed horizontally: 9-section, with the numbers 1 - 9, color: white
1050017	ZB 5,LGS:FORTL.ZAHLEN	Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white
1050033	ZB 5,LGS:GLEICHE ZAHLEN	Zack marker strip, labeled horizontally: 10-section, with identical numbers, 1/1/1, 2/2/2 etc. up to 500/500/500, color: white
1050415	ZB 5,LGS:L1-N,PE	Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white
1050020	ZB 5,QR:FORTL.ZAHLEN	Zack strip, 10-section, printed vertically: with consecutive numbers, 1-10, 11-20 a.s.o. up to 991-1000, color: white
5061536	ZB 5/BU-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: blue
5061497	ZB 5/GN-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: green
1050211	ZB 5/OG,LGS: 10-100	Zack strip, printed horizontally: 10-section, with the numbers 10/20/30-100, (for decade labeling), color: orange
1053179	ZB 5/OG-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: orange
5061471	ZB 5/RD-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: red
5060906	ZB 5/WH-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, for a terminal width of 5.2 mm, color: White
5061510	ZB 5/YE-100:UNBEDRUCKT	Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, large batch, sufficient for labeling 1000 terminal blocks, color: yellow
1050295	ZB 5:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
0807180	ZBFM 5/OG:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: orange
0803595	ZBFM 5/WH:UNBEDRUCKT	Zack marker sheet, flat, unprinted: 120-section, 10 strips à 12 markers, sufficient for 120 terminal blocks, for all terminal blocks, pitch 5.2 mm, labeling with M-PEN or CMS system, color: white

0803647	ZBFM 5:SO/CMS	Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements
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Plug/Adapter

3002843	ISH 2,5/0,2	Insulation stop sleeve, color: White
3002856	ISH 2,5/0,5	Insulation stop sleeve, color: gray
3002869	ISH 2,5/1,0	Insulation stop sleeve, color: black
3030925	PAI-4	Test adapter, for 4 mm diameter test plug PS and safety test plug, makes contact in the bridge shaft
3030983	PS-5	Modular test plug, for individual assembly of test plug strips, for UT, ST, DT and QT terminal blocks, can be labeled with ZBF 5, color: Red

Tools

1204517	SZF 1-0,6X3,5	Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm
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Additional products

Item	Designation	Description
Plug/Adapter		
3040258	SP 2,5/ 1	ST-COMBI connector, not bridgeable
3040698	SP 2,5/ 1 BU	ST-COMBI connector, not bridgeable
3040708	SP 2,5/ 1 GNYE	ST-COMBI connector, not bridgeable
3040261	SP 2,5/ 2	ST-COMBI connector, not bridgeable
3040274	SP 2,5/ 3	ST-COMBI connector, not bridgeable
3040287	SP 2,5/ 4	ST-COMBI connector, not bridgeable
3040290	SP 2,5/ 5	ST-COMBI connector, not bridgeable
3040300	SP 2,5/ 6	ST-COMBI connector, not bridgeable
3040313	SP 2,5/ 7	ST-COMBI connector, not bridgeable
3040326	SP 2,5/ 8	ST-COMBI connector, not bridgeable
3040339	SP 2,5/ 9	ST-COMBI connector, not bridgeable
3040342	SP 2,5/10	ST-COMBI connector, not bridgeable
3040355	SP 2,5/11	ST-COMBI connector, not bridgeable
3040368	SP 2,5/12	ST-COMBI connector, not bridgeable
3040371	SP 2,5/13	ST-COMBI connector, not bridgeable
3040384	SP 2,5/14	ST-COMBI connector, not bridgeable
3040397	SP 2,5/15	ST-COMBI connector, not bridgeable
3040106	SPB 2,5/ 1	ST-COMBI connector, bridgeable

3040724	SPB 2,5/ 1 BU	ST-COMBI connector, bridgeable
3040711	SPB 2,5/ 1 GNYE	ST-COMBI connector, bridgeable
3040119	SPB 2,5/ 2	ST-COMBI connector, bridgeable
3040122	SPB 2,5/ 3	ST-COMBI connector, bridgeable
3040135	SPB 2,5/ 4	ST-COMBI connector, bridgeable
3040143	SPB 2,5/ 5	ST-COMBI connector, bridgeable
3040151	SPB 2,5/ 6	ST-COMBI connector, bridgeable
3040164	SPB 2,5/ 7	ST-COMBI connector, bridgeable
3040177	SPB 2,5/ 8	ST-COMBI connector, bridgeable
3040180	SPB 2,5/ 9	ST-COMBI connector, bridgeable
3040193	SPB 2,5/10	ST-COMBI connector, bridgeable
3040203	SPB 2,5/11	ST-COMBI connector, bridgeable
3040216	SPB 2,5/12	ST-COMBI connector, bridgeable
3040229	SPB 2,5/13	ST-COMBI connector, bridgeable
3040232	SPB 2,5/14	ST-COMBI connector, bridgeable
3040245	SPB 2,5/15	ST-COMBI connector, bridgeable
3040407	SPDB 2,5/ 1	ST-COMBI connector, double, bridgeable
3040737	SPDB 2,5/ 1 BU	ST-COMBI connector, double, bridgeable
3040740	SPDB 2,5/ 1 GNYE	ST-COMBI connector, double, bridgeable
3040410	SPDB 2,5/ 2	ST-COMBI connector, double, bridgeable
3040423	SPDB 2,5/ 3	ST-COMBI connector, double, bridgeable
3040436	SPDB 2,5/ 4	ST-COMBI connector, double, bridgeable
3040449	SPDB 2,5/ 5	ST-COMBI connector, double, bridgeable
3040452	SPDB 2,5/ 6	ST-COMBI connector, double, bridgeable
3040465	SPDB 2,5/ 7	ST-COMBI connector, double, bridgeable
3040478	SPDB 2,5/ 8	ST-COMBI connector, double, bridgeable
3040481	SPDB 2,5/ 9	ST-COMBI connector, double, bridgeable
3040494	SPDB 2,5/10	ST-COMBI connector, double, bridgeable
3040504	SPDB 2,5/11	ST-COMBI connector, double, bridgeable
3040517	SPDB 2,5/12	ST-COMBI connector, double, bridgeable
3040520	SPDB 2,5/13	ST-COMBI connector, double, bridgeable
3040533	SPDB 2,5/14	ST-COMBI connector, double, bridgeable
3040546	SPDB 2,5/15	ST-COMBI connector, double, bridgeable

Drawings

Dimensioned drawing

