

Type SWA (2 positions)

Series-parallel connections, for panel mounting, set by screwdriver or coin. Solder terminals

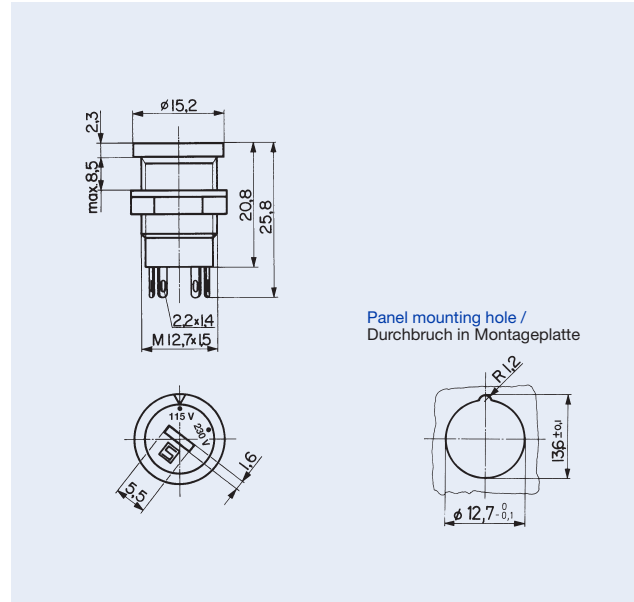
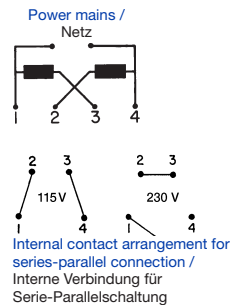


Order No. / Bestell-Nr.

See page 192 / Siehe Seite 192

Typ SWA (2stufig)

Serie-Parallelschaltung, für Frontplattenmontage, mit Münze oder Schraubenzieher einstellbar. Lötanschlüsse


Type SWA (2 positions)

Series-parallel connections, for PCB mounting, set by screwdriver or coin

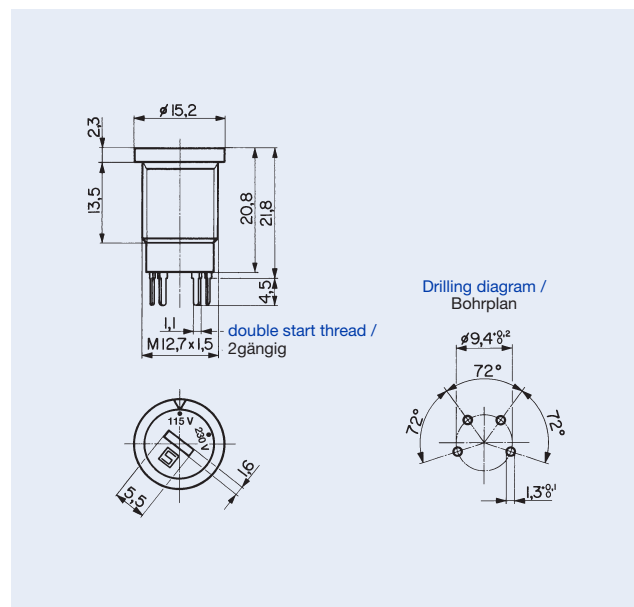
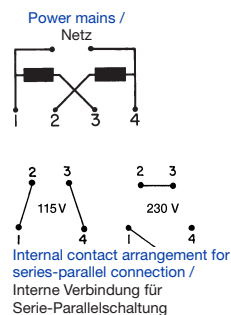


Order No. / Bestell-Nr.

See page 192 / Siehe Seite 192

Typ SWA (2stufig)

Serie-Parallelschaltung, für Leiterplattenmontage, mit Münze oder Schraubenzieher einstellbar


Technical data:

- Rated voltage/current 6,3 A/250 V
- Material:
 - Socket: thermoplastic, black, UL 94V-0

Technische Daten

- Nennspannung/Nennstrom: 6,3 A/250 V
- Material:
 - Socket: Thermoplast, schwarz, UL 94V-0

Standards / Normen

IEC/EN 61058-2-5, UL 508, CSA C 22.2/55

Approvals / Approbationen

- SEV (6,3 A / 250 V)
- UL (6,3 A / 250 V)
- CSA (6,3 A / 250 V)

Additional technical data see page 186 / Zusätzliche technische Daten siehe Seite 186

Other voltage markings see page 192 (min. order quantity 100 pieces) / Andere Spannungswerte siehe Seite 192 (Bestellmenge min. 100 Stück)

Selector charts for voltage selector legends

Table / Tabelle 1
SWA – Series / Serien

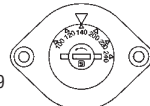
See page 186, 187 for technical data /
Technische Daten siehe Seite 186, 187



| Order No. / Panel mount / | Order No. / PCB mount / | Legends (Position 1+2) | |
|----------------------------------|---|-------------------------------|-------|
| | | 1 | 2 |
| Bestell-Nr. Front- montage | Bestell-Nr. Leiter- platten- montage | Beschriftungen (Position 1+2) | |
| 0033.4501 | 0033.4601 | 110 | 220 |
| 0033.4502 | | 115 | 220 |
| 0033.4503 | 0033.4603 | 120 | 240 |
| 0033.4504 | 0033.4604 | 115 | 230 |
| 0033.4505 | | 220 | 240 |
| 0033.4508 | | 50 Hz | 60 Hz |
| 0033.4510 | | 230 | 240 |
| 0033.4513 | | LO | HI |
| 0033.4514 | | | |
| 0033.4515 | 0033.4615 | 120 | 230 |
| 0033.4518 | | 0 | 1 |
| | 0033.4619 | 100 | 230 |
| 0033.4521 | | A | B |

Table / Tabelle 4
SWS – Series / Serien

See page 186, 189 for technical data /
Technische Daten siehe Seite 186, 189



| Order No. / Bestell-Nr. | Legends / Beschriftungen (Pos. 1-6) |
|----------------------------|--|
| 0033.6001 | 150 220 130 260 110 240 |
| 0033.6003 | 110 220 |
| 0033.6004 | 140 200 120 240 100 220 |
| 0033.6006 | 130 220 120 240 110 230 |
| 0033.6009 | 127 200 115 240 100 220 |
| 0033.6015 | 120 240 100 220 |
| 0033.6016 | 220 120 |
| 0033.6019 | 200 120 240 100 220 |
| 0033.6022 | 220 120 100 240 |
| 0033.6024 | 130 200 115 230 100 220 |
| 0033.6026 | 120 220 100 240 |
| | 0033.6127 240 100 120 220 |
| 0033.6030 | 200 115 230 100 215 |
| 0033.6031 | 220 110 240 |

Table / Tabelle 5
SWP – Series / Serien

See page 186, 189 for technical data /
Technische Daten siehe Seite 186, 189



| Order No. / Bestell-Nr. | Legends / Beschriftungen (Pos. 1-6) | | | | | |
|----------------------------|--|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 0033.1101 | 110V | 125V | 145V | 160V | 220V | 250V |
| 0033.1104 | | | | | | |
| 0033.1108 | Λ00L | Λ51L | ΛZ1L | | 220V | 240V |
| 0033.1109 | 100V | 115V | 120V | 220V | 240V | |
| 0033.1110 | 100V | 115V | 200V | 220V | 230V | 240V |
| 0033.1113 | 100V | 115V | 125V | 200V | 220V | 240V |
| 0033.1118 | | 100V | 115V | 220V | 240V | |
| 0033.1119 | 100V | 110V | 120V | 200V | 220V | 240V |
| 0033.1120 | 100V | 110V | 220V | 240V | | |
| 0033.1125 | 110V | 115V | 130V | 200V | 230V | |
| 0033.1127 | 100V | 120V | 200V | 220V | 230V | 240V |
| 0033.1128 | 100V | 110V | 120V | 127V | 220V | 240V |
| 0033.1130 | 100V | 110V | 120V | 125V | 230V | 240V |
| 0033.1133 | 4 Ω | 8 Ω | 16 Ω | | | |
| 0033.1134 | 110V | 220V | 230V | | | |
| 0033.1135 | 100 | 120 | 200 | 230 | 0 | 0 |
| 0033.1136 | 100 | 120 | 200 | 208 | 230 | 0 |
| 0033.1137 | 100 | 115 | 230 | 240 | | |
| 0033.1140 | 1 | 2 | 3 | 4 | 5 | 0 |

Auswahltabelle für bestehende Spannungswähler-Beschriftungen

Table / Tabelle 2
SWM – Series / Serien

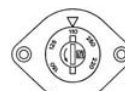
See page 186, 190 for technical data /
Technische Daten siehe Seite 186, 190



| Order No. / Panel mount / | Order No. / PCB mount / | Legends (Position 1-3) | | |
|----------------------------------|---|-------------------------------|------|---------|
| | | 1 | 2 | 3 |
| Bestell-Nr. Front- montage | Bestell-Nr. Leiter- platten- montage | Beschriftungen (Position 1-3) | | |
| 0033.4001 | | 110 | 150 | 220 |
| 0033.4002 | 0033.4202 | 110 | 220 | 240 |
| 0033.4003 | | 220 | 240 | |
| 0033.4004 | | 200 | 220 | 240 |
| 0033.4006 | | 220 | 240 | 250 |
| 0033.4008 | 0033.4208 | 100 | 115 | 230 |
| 0033.4011 | | 220 | 230 | 240 |
| 0033.4014 | 003.4214 | | | |
| 0033.4019 | | 115 | 220 | 240 |
| 0033.4028 | | 220V | 230V | 240V |
| 0033.4032 | | 4 | 8 | 16 |
| 0033.4040 | | 100 | 110 | 230 |
| | 0033.4241 | 110V | 120V | 220V |
| 0033.4044 | | 115 | 0 | 230 |
| 0033.4049 | | 230 | 240 | 250 |
| | 0033.4252 | 220-240 | 127 | 100-115 |
| | 0033.4254 | 230 | 0 | 200 |
| 0033.4055 | | 115V | 230V | 240V |
| 0033.4056 | | 1 | 2 | 3 |
| | 0033.4259 | 115 | 200 | 230 |
| 0033.4057 | | 100 | 120 | 230-240 |
| 0033.4062 | | 110 | | 230 |

Table / Tabelle 6
SWG – Series / Serien

See page 186, 191 for technical data /
Technische Daten siehe Seite 186, 191



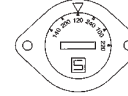
| Order No. / Bestell-Nr. | Legends / Beschriftungen (Position 1-6) | | | | | |
|----------------------------|--|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 0033.2500 | 110 | 125 | 150 | 200 | 220 | 250 |
| 0033.2506 | 208 | 220 | 240 | | | |
| 0033.2507 | 100 | 110 | 120 | 200 | 220 | 240 |
| 0033.2510 | 100 | 115 | 220 | 230 | 240 | |
| 0033.2511 | 200V | 208V | 220V | 230V | 240V | NC |
| 0033.2512 | 100V | 120V | 200V | 220V | 240V | |
| 0033.2514 | | | | | | |
| 0033.2517 | 240V | 230V | 220V | 208V | 115V | 100V |
| 0033.2520 | 100 | 115 | 220 | 240 | | |

Fuse Cap FEU has to be ordered separately:
Sicherungskopf FEU muss separat bestellt werden:
0031.1663 for fuse 5 x 20 mm
0031.1661 for fuse 6.3 x 32 mm

No articles from stock, minimum order quantity 100 pieces /
Keine Lagerartikel, Bestellmenge min. 100 Stück

Table / Tabelle 3
SWZ – Series / Serien

See page 186, 188 for technical data /
Technische Daten siehe Seite 186, 188



| Order No. / Panel mount / | Order No. / PCB mount / | Legends (Position 1-6) | | | | | |
|----------------------------------|---|-------------------------------|-----|-----|---------|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| Bestell-Nr. Front- montage | Bestell-Nr. Leiter- platten- montage | Beschriftungen (Position 1-6) | | | | | |
| 0033.3501 | 0033.3801 | 150 | 220 | 130 | 260 | 110 | 240 |
| 0033.3502 | | 220 | 120 | 240 | 110 | | |
| 0033.3503 | | 115 | 230 | | | | |
| | 0033.3803 | 134 | 200 | 117 | 234 | 100 | 217 |
| 0033.3504 | 0033.3802 | 130 | 220 | 120 | 240 | 110 | 230 |
| | 0033.3804 | 127 | 200 | 115 | 240 | 100 | 220 |
| 0033.3505 | 0033.3805 | 140 | 200 | 120 | 240 | 100 | 220 |
| 0033.3510 | | 127 | 200 | 115 | 240 | 100 | 220 |
| | 0033.3812 | 100 | 240 | - | 220 | 120 | - |
| 0033.3514 | | | | | | | |
| | 0033.3815 | 120 | 220 | 100 | 240 | | |
| 0033.3518 | | 220 | 130 | | 110 | 240 | |
| | 0033.3819 | 220 | | | 110 | 240 | |
| 0033.3522 | | | 110 | 220 | | | |
| 0033.3527 | | 0 | 220 | 120 | 0 | 100 | 230 |
| 0033.3530 | | 100 | 240 | 120 | 220 | 120 | |
| | 0033.3833 | 145 | 210 | 125 | 250 | 105 | 230 |
| | 0033.3837 | 200 | 120 | 240 | 100 | 220 | |
| 0033.3539 | | 130 | 200 | 115 | 230 | 100 | 215 |
| | 0033.3839 | 130 | 200 | 115 | 230 | 100 | 215 |
| | 0033.3843 | | | | | | |
| | 0033.3845 | | 120 | 240 | 100 | 230 | |
| | 0033.3846 | 120 | 220 | 115 | 230 | 110 | 225 |
| 0033.3547 | | 200 | 120 | 240 | 100 | | |
| 0033.3549 | | 100 | 0 | 117 | 220 | 100 | 240 |
| 0033.3553 | | 140 | 200 | 120 | 240 | 100 | 230 |
| 0033.3555 | | | 120 | 240 | 100 | 220 | |
| 0033.3558 | | 140 | 200 | 120 | 230/240 | 100 | 220 |
| 0033.3560 | | 127 | 220 | 115 | 240 | 110 | 230 |

Table / Tabelle 7
SWK – Series / Serien
















See page 186, 191 for technical data /
Technische Daten siehe Seite 186, 191



| Order No. / Bestell-Nr. | Legends / Beschriftungen (Position 1-6) | | | | | |
|----------------------------|--|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 0033.1500 | 110 | 125 | 150 | 200 | 220 | 250 |
| 0033.1502 | | | 220 | 230 | 240 | |
| 0033.1504 | 100 | 110 | 120 | 200 | 220 | 240 |
| 0033.1510 | 1 | 2 | 3 | 4 | 5 | 6 |
| 0033.1511 | 100 | 110 | 120 | 220 | 230 | 240 |
| 0033.1513 | 200 | 208 | 220 | 230 | 240 | |
| 0033.1514 | | | | | | |
| 0033.1515 | 110 | 130 | 220 | 240 | | |
| 0033.1517 | 100 | 120 | 220 | 240 | | |
| 0033.1518 | | 100 | 120 | 220 | 240 | |
| 0033.1520 | 100 | 115 | 220 | 240 | | |
| 0033.1523 | 100V | 120V | 200V | 220V | 230V | 240V |
| 0033.1525 | 200 | 220 | 230 | 240 | 250 | |

SELECTOR CHART ÜBERSICHT

VOLTAGE SELECTOR SWITCHES / SPANNUNGSWÄHLER

| Type / Typ |  |  |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|--|---|---|---|---|
| Page / Seite | 187 | 187 | 188 | 188 | 189 | 189 | 190 | 190 | 191 | 191 |
| SEV-Approval / Zulassung  | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V |
| VDE-Certificate of conformity with factory surveillance / mit Fertigungsüberwachung  | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V |
| SEMKO-Approval / Zulassung  | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3 A/250 V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V |
| UL-Recognition  | 6,3A/250V | 6,3A/250V | 10 A/250V | 10 A/250V | 10 A/250V | 10 A/250V | 10 A/250V | 10 A/250V | 6,3A/250V | 6,3A/250V |
| CSA-Certification  | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 6,3A/250V | 8 A/250V | 10 A/250V | 10 A/250V | 10 A/250V | 10 A/250V |
| Panel mounting / Frontplattenmontage | • | | • | | • | • | • | | • | • |
| PCB mounting / Leiterplattenmontage | | • | | • | | | | • | | |
| Shock-safe fuseholder for 5 x 20 mm fuse-links / Berührungssicherer G-Sicherungshalter für 5 x 20 mm G-Sich.einsätze | | | | | • | | | | • | • |
| Shock-safe fuseholder for 6,3 x 32 mm (1/4" x 1 1/4") fuse-links / Berührungssicherer G-Sicherungsh. für 6,3 x 32 mm G-Sich.einsätze | | | | | | | | | | • |
| Solder terminals / Lötanschlüsse | • | | | | • | • | • | | • | • |
| Quick connect terminals / Steckanschlüsse 2,8 x 0,5 mm | | | | | • | | | | | |
| Solder / quick connect terminals / Kombination Löt-Steckanschlüsse 2,8 x 0,5 mm | | | • | | | | | | | |
| Number of different voltages / Anzahl möglicher Spannungen | 2 | 2 | 6 | 6 | 6 | 6 | 3 | 3 | 6 | 6 |
| Insulation resist. at 500 V DC/1 Min. / Isolationswiderst. bei 500 V DC/1 Min. | > 10 ⁴ M | > 10 ⁴ M | > 10 ⁴ M | > 10 ⁴ M | > 10 ⁴ M | > 10 ³ M | > 10 ⁴ M | > 10 ⁴ M | > 10 ⁴ M | > 10 ⁴ M |
| Contact-resistance / Durchgangswiderstand | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m | < 10 m |
| Dielectric strenght between metal mounting plate and live parts 50 Hz, 1 Min. / Spannungsfestigkeit zwischen Metallmontageplatte und unter Spannung stehenden Teilen 50 Hz, 1 Min. | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV | >4 kV |
| Dielectric strenght between live parts of different potentials 50 Hz, 1 Min. / Spannungsfestigkeit zwischen unter Spannung stehenden Teilen mit unterschiedlichem Potential 50 Hz, 1 Min. | >2 kV | >2 kV | >2 kV | >2 kV | >2 kV | >2,5 kV | >2 kV | >2 kV | >2 kV | >2 kV |
| Clearance and creepage distances / Kriech- und Luftstrecken | > 3 mm | > 3 mm | > 3 mm | > 3 mm | > 3 mm | > 5 mm | > 3 mm | > 3 mm | > 3 mm | > 3 mm |
| Temperature / Temperaturbereich | -40 °C ÷ +85 °C | -40 °C ÷ +85 °C | -40 °C ÷ +85 °C | -40 °C ÷ +85 °C | -40 °C ÷ +70 °C | -40 °C ÷ +85 °C | -40 °C ÷ +85 °C | -40 °C ÷ +85 °C | -40 °C ÷ +70 °C | -40 °C ÷ +70 °C |
| Protection class II: / Schutzklasse II: IEC 536 | • | • | • | • | • | | • | • | • | • |
| Shocksafe category: / Berührungsschutz Kategorie | | | | | PC 2 | | | | PC 2 | PC 2 |
| Step switch / Stufenschaltung | | | | | | • | • | • | • | • |
| Series-parallel connections / Serie-Parallelschaltung | • | • | • | • | • | | | | | |