

## Type SWS (6 positions)

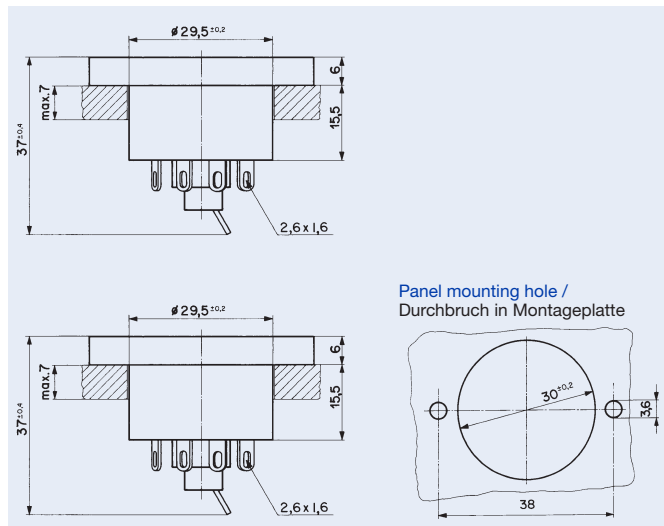
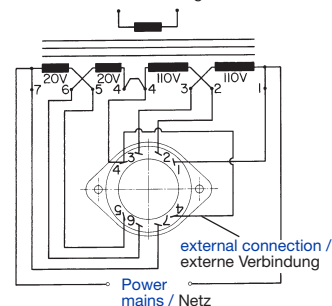
With shock-safe fuseholder 5 x 20 mm, Series-parallel connections for panel mounting, set by screwdriver or coin. Solder terminals or quick connect terminals 2,8 x 0,5 mm



## Typ SWS (6stufig)

Mit berührungssicherem G-Sich.-Halter 5 x 20 mm, Serie-Parallelschaltung, für Frontplattenmontage, mit Münze oder Schraubenzieher einstellbar. Lötanschlüsse oder Steckanschlüsse 2,8 x 0,5 mm

Diagram: reverse view / Schema: Ansicht rückseitig



## Standards / Normen

IEC/EN 61058-2-5, IEC/EN 60127-6, UL 508, CSA C 22.2/55

## Patents / Patente

No. 4.072.385 (conc. fuseholder / betrifft G-Sicherungshalter)

## Approvals / Approbationen

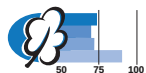
SEV (6,3 A / 250 V) UL (10 A / 250 V)  
CSA (6,3 A / 250 V)

## Order No. / Bestell-Nr.

See page 192 / Siehe Seite 192

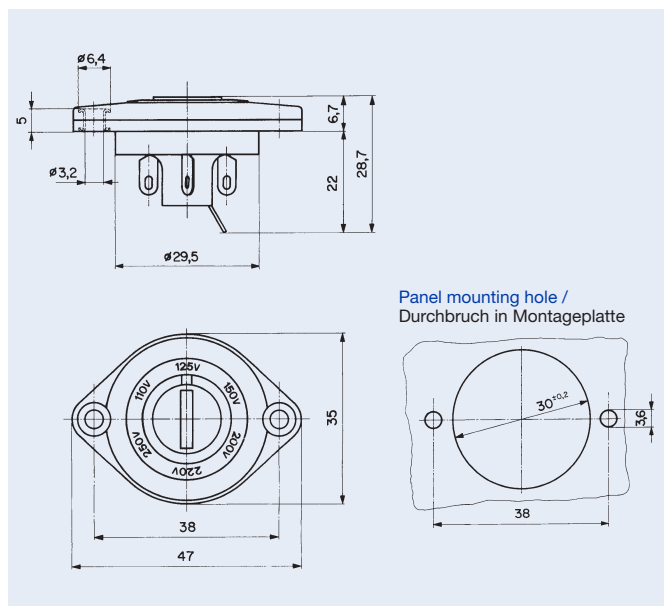
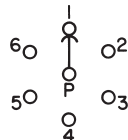
## Type SWP (6 positions)

Step switch for panel mounting set by screwdriver or coin. Solder terminals



## Typ SWP (6stufig)

Stufenschaltung für Frontplattenmontage, mit Münze oder Schraubenzieher einstellbar. Lötanschlüsse



## 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)

## 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

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

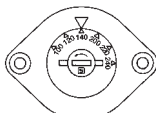
Other voltage markings see page 192 (min. order quantity 100 pieces) / Andere Spannungswerte siehe Seite 192 (Bestellmenge min. 100 Stück)

## Selector charts for voltage selector legends

## Auswahltabelle für bestehende Spannungswähler-Beschriftungen

Table / Tabelle 1  
SWA – Series / SerienSee page 186, 187 for technical data /  
Technische Daten siehe Seite 186, 187

| Order No.<br>Panel<br>mount /    | Order No.<br>PCB<br>mount /                   | Legends (Position 1+2)        |       |
|----------------------------------|-----------------------------------------------|-------------------------------|-------|
| Bestell-Nr.<br>Front-<br>montage | Bestell-Nr.<br>Leiter-<br>platten-<br>montage | Beschriftungen (Position 1+2) |       |
|                                  |                                               | 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 / SerienSee page 186, 189 for technical data /  
Technische Daten siehe Seite 186, 189

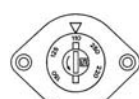
| Order No. /<br>Solder therm./<br>Lötanschl. | Bestell-Nr.<br>Quick con term./<br>Flachstecker | Legends / Beschriftungen (Pos. 1-6) |     |     |     |     |     |
|---------------------------------------------|-------------------------------------------------|-------------------------------------|-----|-----|-----|-----|-----|
|                                             |                                                 | 1                                   | 2   | 3   | 4   | 5   | 6   |
| 0033.6001                                   | 0033.6101                                       | 150                                 | 220 | 130 | 260 | 110 | 240 |
| 0033.6003                                   |                                                 |                                     |     | 110 | 220 |     |     |
| 0033.6004                                   | 0033.6104                                       | 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 |     |     | 240 |
| 0033.6019                                   |                                                 |                                     | 200 | 120 | 240 | 100 | 220 |
| 0033.6022                                   | 0033.6122                                       |                                     | 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 / SerienSee page 186, 189 for technical data /  
Technische Daten siehe Seite 186, 189

| Order No. /<br>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                  | A00L                                | A91L | AZZL |      | 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    |

Table / Tabelle 2  
SWM – Series / SerienSee page 186, 190 for technical data /  
Technische Daten siehe Seite 186, 190

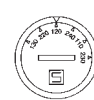
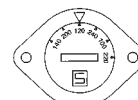
| Order No.<br>Panel<br>mount /    | Order No.<br>PCB<br>mount /                   | Legends (Position 1-3)        |      |         |
|----------------------------------|-----------------------------------------------|-------------------------------|------|---------|
| Bestell-Nr.<br>Front-<br>montage | Bestell-Nr.<br>Leiter-<br>platten-<br>montage | Beschriftungen (Position 1-3) |      |         |
|                                  |                                               | 1                             | 2    | 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                        | 0033.4214                                     |                               |      |         |
| 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 / SerienSee page 186, 191 for technical data /  
Technische Daten siehe Seite 186, 191

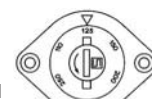
| Order No. /<br>Bestell-Nr. | Legends / Beschriftungen (Position 1-6) |      |      |      |      |      |
|----------------------------|-----------------------------------------|------|------|------|------|------|
|                            | 1                                       | 2    | 3    | 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 / SerienSee page 186, 188 for technical data /  
Technische Daten siehe Seite 186, 188

| Order No.<br>Panel<br>mount /    | Order No.<br>PCB<br>mount /                   | Legends (Position 1-6)        |     |     |         |     |         |
|----------------------------------|-----------------------------------------------|-------------------------------|-----|-----|---------|-----|---------|
| Bestell-Nr.<br>Front-<br>montage | Bestell-Nr.<br>Leiter-<br>platten-<br>montage | Beschriftungen (Position 1-6) |     |     |         |     |         |
|                                  |                                               | 1                             | 2   | 3   | 4       | 5   | 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 |     | 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 | 220/230 |
| 0033.3560                        |                                               | 127                           | 220 | 115 | 240     | 110 | 230     |

Table / Tabelle 7  
SWK – Series / SerienSee page 186, 191 for technical data /  
Technische Daten siehe Seite 186, 191

| Order No. /<br>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                                                                                                                                                                                                 | SWA                                                                               | SWA                                                                               | SWZ                                                                               | SWZ                                                                               | SWS                                                                               | SWP                                                                                | SWM                                                                                 | SWM                                                                                 | SWK                                                                                 | SWG                                                                                 |
| Page / Seite                                                                                                                                                                                               | 187                                                                               | 187                                                                               | 188                                                                               | 188                                                                               | 189                                                                               | 189                                                                                | 190                                                                                 | 190                                                                                 | 191                                                                                 | 191                                                                                 |
| SEV-Approval /<br>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<br>with factory surveillance /<br>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 /<br>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 /<br>Frontplattenmontage                                                                                                                                                                    | •                                                                                 |                                                                                   | •                                                                                 |                                                                                   | •                                                                                 | •                                                                                  | •                                                                                   |                                                                                     | •                                                                                   | •                                                                                   |
| PCB mounting /<br>Leiterplattenmontage                                                                                                                                                                     |                                                                                   | •                                                                                 |                                                                                   | •                                                                                 |                                                                                   |                                                                                    |                                                                                     | •                                                                                   |                                                                                     |                                                                                     |
| Shock-safe fuseholder for<br>5 x 20 mm fuse-links /<br>Berührungssicherer G-Sicherungs-<br>halter für 5 x 20 mm G-Sich.einsätze                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   | •                                                                                 |                                                                                    |                                                                                     |                                                                                     | •                                                                                   | •                                                                                   |
| Shock-safe fuseholder for<br>6,3 x 32 mm (1/4" x 1 1/4") fuse-links /<br>Berührungssicherer G-Sicherungsh.<br>für 6,3 x 32 mm G-Sich.einsätze                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     | •                                                                                   |
| Solder terminals /<br>Lötanschlüsse                                                                                                                                                                        | •                                                                                 |                                                                                   |                                                                                   |                                                                                   | •                                                                                 | •                                                                                  | •                                                                                   |                                                                                     | •                                                                                   | •                                                                                   |
| Quick connect terminals /<br>Steckanschlüsse<br>2,8 x 0,5 mm                                                                                                                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   | •                                                                                 |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Solder / quick connect terminals /<br>Kombination Löt-Steckanschlüsse<br>2,8 x 0,5 mm                                                                                                                      |                                                                                   |                                                                                   | •                                                                                 |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Number of different voltages /<br>Anzahl möglicher Spannungen                                                                                                                                              | 2                                                                                 | 2                                                                                 | 6                                                                                 | 6                                                                                 | 6                                                                                 | 6                                                                                  | 3                                                                                   | 3                                                                                   | 6                                                                                   | 6                                                                                   |
| Insulation resist. at 500 V DC/1 Min. /<br>Isolationswiderst. bei 500 V DC/1 Min.                                                                                                                          | > 10 <sup>4</sup> M                                                               | > 10 <sup>4</sup> M                                                               | > 10 <sup>4</sup> M                                                               | > 10 <sup>3</sup> M                                                               | > 10 <sup>4</sup> M                                                               | > 10 <sup>3</sup> M                                                                | > 10 <sup>4</sup> M                                                                 | > 10 <sup>4</sup> M                                                                 | > 10 <sup>4</sup> M                                                                 | > 10 <sup>4</sup> M                                                                 |
| Contact-resistance /<br>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<br>mounting plate and live parts<br>50 Hz, 1 Min. /<br>Spannungsfestigkeit zwischen Met-<br>tallmontageplatte und unter Span-<br>nung 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<br>parts of different potentials<br>50 Hz, 1 Min. /<br>Spannungsfestigkeit zwischen unter<br>Spannung stehenden Teilen mit unter-<br>schiedlichem 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 /<br>Kriech- und Luftstrecken                                                                                                                                             | > 3 mm                                                                            | > 3 mm                                                                            | > 3 mm                                                                            | > 3 mm                                                                            | > 3 mm                                                                            | > 5 mm                                                                             | > 3 mm                                                                              | > 3 mm                                                                              | > 3 mm                                                                              | > 3 mm                                                                              |
| Temperature /<br>Temperaturbereich                                                                                                                                                                         | -40 °C ÷<br>+85 °C                                                                | -40 °C ÷<br>+85 °C                                                                | -40 °C ÷<br>+85 °C                                                                | -40 °C ÷<br>+85 °C                                                                | -40 °C ÷<br>+70 °C                                                                | -40 °C ÷<br>+85 °C                                                                 | -40 °C ÷<br>+85 °C                                                                  | -40 °C ÷<br>+85 °C                                                                  | -40 °C ÷<br>+70 °C                                                                  | -40 °C ÷<br>+70 °C                                                                  |
| Protection class II: / Schutzklasse II:<br>IEC 536                                                                                                                                                         | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 |                                                                                    | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   |
| Shocksafes category: /<br>Berührungsschutz Kategorie                                                                                                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   | PC 2                                                                              |                                                                                    |                                                                                     |                                                                                     | PC 2                                                                                | PC 2                                                                                |
| Step switch /<br>Stufenschaltung                                                                                                                                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | •                                                                                  | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   |
| Series-parallel connections /<br>Serie-Parallelschaltung                                                                                                                                                   | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |



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