



## Main

|                           |                    |
|---------------------------|--------------------|
| Commercial Status         | Commercialised     |
| Range                     | Lineryg            |
| Product name              | TR                 |
| Product or component type | Terminal block     |
| Device short name         | TRV                |
| Terminal block type       | Passthrough        |
| Terminal block level      | 1                  |
| Mounting mode             | Clip-on            |
| Nominal cross section     | 16 mm <sup>2</sup> |
| Length                    | 55.5 mm            |
| Colour                    | Grey               |
| Quantity per set          | Set of 50          |

## Complementary

|                                |  |
|--------------------------------|--|
| Width                          | 12.2 mm  |
| Height                         | 55 mm  |
| Connections - terminals        | 1 x screw terminal: downstream<br>1 x screw terminal: upstream   |
| Number of connections          | 2  |
| Connection position            | Sideways   |
| Number of measurement input    | 2  |
| Cable cross section            | 1.5...25 mm <sup>2</sup> , solid<br>1.5...25 mm <sup>2</sup> , flexible without                              |
| Tightening torque              | 2.5...3 N.m  |
| Wire stripping length          | 14 mm  |
| Tool type                      | Disconnection: screwdriver<br>Connection: screwdriver  |
| [Ue] rated operational voltage | 690 V conforming to ATEX Exe II Ex II 2 GD<br>600 V CSA<br>600 V UL<br>1000 V conforming to EN/IEC 60947-7-1 |
| [Ie] rated operational current | 73 A conforming to ATEX Exe II Ex II 2 GD<br>85 A CSA<br>85 A UL<br>76 A conforming to EN/IEC 60947-7-1      |
| Material                       | Polyamide 6/6 (insulating case)  |
| Dielectric loss                | 0.01 at 1 MHz conforming to VDE 0303-T4<br>0.01 at 1 MHz conforming to IEC 60250                             |
| Dielectric constant            | 3.7 at 1 MHz   |
| Resistivity                    | 10000 M?.m conforming to VDE 0303-T30<br>10000 M?.m conforming to IEC 60093                                  |
| Surface resistance             | 1000 G? conforming to VDE 0303-T30<br>1000 G? conforming to IEC 60093  |
| Creep resistance               | 500 CTI (> 400 kV) conforming to VDE 0303-T30<br>500 CTI (> 400 kV) conforming to IEC 60093                  |
| Flame retardance               | V0, thickness 0.8 mm conforming to UL 94   |
| Product weight                 | 30 g   |

|                       |  |
|-----------------------|--|
| Range compatibility   | TeSys<br>Pragma<br>Kaedra<br>Spacial<br>Prisma - Pack<br>Prisma - PH<br>Prisma - P<br>Prisma - G |
| Product compatibility | Spacial enclosures   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | ATEX<br>CSA<br>DNV<br>GL<br>GOST<br>LR<br>UL<br>VDE<br>IEC-Ex                     |
| Dielectric strength                   | 1000 V conforming to IEC 60243-1  |
| Ambient air temperature for operation | -40...130 °C conforming to VDE 0304-T21<br>-40...130 °C conforming to IEC 60216-1 |