



#### General ordering data

|                  |   |
|------------------|---|
| Order No.        | 8607710000  |
| Part designation | MOS 230Vac / 24Vdc 0.1A                               |
| Version          | Optocoupler, 3 V...48 V DC , 0.1 A , Screw connection |
| EAN              | 4032248267613   |
| Qty.             | 10 pc(s).   |

#### Approvals

Approvals institutes



#### Control side

|                           |      |
|---------------------------|------|
| Max. input frequency      | 3 Hz |
| Nominal auxiliary voltage | No   |

**Control side**

|                       |                    |
|-----------------------|--------------------|
| Power rating          | 1.7 VA             |
| Rated control voltage | 230 V AC $\pm$ 10% |

**General data**

|                                   |   |
|-----------------------------------|---|
| Ambient temperature (operational) | -25 °C...+50 °C                         |
| Storage temperature               | -40 °C...+60 °C                         |
| Climate                           | 40°C/93% rel. humidity, no condensation |
| Connection system                 | Screw connection                        |
| DIN Rail compatibility            | TS 35                                   |
| Solid-state type                  | SSS relay 24 V / 24 V / 0.1 A DC        |

**Insulation coordination (EN 50 178)**

Clearance and creepage distances for control side  $\geq$  5.5 mm

- load side

|  |        |
|--|--------|
| Dielectric strength for control side - load side | 2.5 kV |
| Overvoltage category                             | III    |
| Pollution severity                               | 2      |
| Rated impulse voltage                            | 4 kV   |
| Rated voltage                                    | 300 V  |
| Separation acc. to VDE 0106                      | No     |

**Load side**

|                           |                             |
|---------------------------|-----------------------------|
| Leakage current           | $\leq$ 1 mA                 |
| Nominal auxiliary voltage | No                          |
| Nominal switching current | 0.1 A                       |
| Nominal switching voltage | 3 V...48 V DC               |
| Protective circuit        | Integrated free-wheel diode |
| Short-circuit-proof       | No                          |
| Status indicator          | Green LED                   |
| Switch-off delay          | > 10 ms                     |
| Switch-on delay           | < 6.5 ms                    |
| Voltage drop at max. load | $\leq$ 1 V                  |

**Dimensions**

|                      |                     |
|----------------------|---------------------|
| Clamping range, max. | 4 mm <sup>2</sup>   |
| Clamping range, min. | 0.5 mm <sup>2</sup> |
| Clamping range, nom. | 2.5 mm <sup>2</sup> |
| Length               | 93 mm               |
| Height               | 92                  |
| Width                | 6.1 mm              |

**Classifications**

|            |             |
|------------|-------------|
| ETIM 2.0   | EC001504    |
| ETIM 3.0   | EC001504    |
| eClass 4.1 | 27-27-09-00 |
| eClass 5.0 | 27-27-09-90 |
| eClass 5.1 | 27-27-09-90 |

**Similar products**

| Order No.  | Part designation          | Version   |
|------------|---------------------------|---|
| 8633020000 | MOS 5Vdc / 24Vdc 0,1A     | Optocoupler, 3... 48 V DC , 0.1 A , Screw connection            |
| 8633010000 | MOZ 5Vdc / 24Vdc 0.1A     | Optocoupler, 3... 48 V DC , 0.1 A , Tension clamp connection    |
| 8607340000 | MOS 24Vdc / 24Vdc 0.1A    | Optocoupler, 3 V... 48 V DC , 0.1 A , Screw connection          |
| 8607360000 | MOZ 24Vdc / 24Vdc 0,1A    | Optocoupler, 3 V... 48 V DC , 0.1 A , Tension clamp connection  |
| 8607690000 | MOS 120Vuc / 24Vdc 0.1A   | Optocoupler, 3 V... 48 V DC , 0.1 A , Screw connection          |
| 8607730000 | MOZ 120Vuc / 24Vdc 0.1A   | Optocoupler, 3 V... 48 V DC , 0.1 A , Tension clamp connection  |
| 8607750000 | MOZ 230Vac / 24Vdc 0.1A   | Optocoupler, 3 V...48 V DC , 0.1 A , Tension clamp connection   |
| 4061180000 | SSS Relais 24V/24V 0,1Adc | Solid-state relay, 3...48 Vdc , 100 mA/ DC , Plug-in connection |
| 4061230000 | SSS Relais 60V/24V 0,1Adc | Solid-state relay, 3...48 Vdc , 100 mA/ DC , Plug-in connection |