

TMCP SOCKET M - Surface mounting housing



0916589

<https://www.phoenixcontact.com/us/products/0916589>

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Modular socket element, 2-position, for holding two circuit breakers, each with a single position



Your advantages

- Fast installation with reduced wiring work with bridging options
- Can be extended at any time with the modular design
- Automatic group remote signaling setup with integrated remote messaging system

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0916589 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Sales key | CL04 |
| Product key | CLA191 |
| GTIN | 4017918600921 |
| Weight per piece (including packing) | 108.2 g |
| Weight per piece (excluding packing) | 97 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|--------------------------|
| Product type | Base element |
| Type | Surface mounting housing |
| Number of connections | 2 |
| Number of rows | 1 |

Insulation characteristics

| | |
|---------------------|---|
| Degree of pollution | 2 |
|---------------------|---|

Electrical properties

| | |
|---|------------------|
| Fuse type | Automatic device |
| Rated surge voltage | 2.5 kV |
| Maximum power dissipation for nominal condition | 0 VA |

General

| | |
|--------------------------------|-----------------------------|
| Operating voltage | 433 V (AC) |
| Nominal current I_N | 50 A (LINE input) |
| | 25 A (LOAD output) |
| Rated voltage | 433 V (AC) |
| | 65 V (DC) |
| Rated insulation voltage U_i | 1500 V |
| Rated current I_N | 50 A |
| Rated surge voltage | 2.5 kV |
| Type of actuation | N/C contact and N/O contact |

Auxiliary contact

| | |
|--|--------------|
| Connection name | Input |
| Maximum operating voltage U_{max} DC | 65 V |
| Maximum operating voltage U_{max} AC | 250 V (AC) |
| Max. operating current I_{max} | 10 A (Input) |

Auxiliary contact

| | |
|--|------------|
| Connection name | Output |
| Maximum operating voltage U_{max} DC | 65 V (DC) |
| Maximum operating voltage U_{max} AC | 250 V (AC) |
| Max. operating current I_{max} | 1 A |

Reset

| | |
|---------------|---------------------|
| Input voltage | 24 V (Falling edge) |
|---------------|---------------------|

Connection data

| | |
|-------------------|------------------------|
| Connection method | Spring-cage connection |
| Connection method | Spring-cage connection |

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Input

| | |
|---------------------------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 15 mm |
| Conductor cross-section flexible min. | 1.5 mm ² |
| Conductor cross-section flexible max. | 10 mm ² |
| Conductor cross-section, rigid min. | 1.5 mm ² |
| Conductor cross-section, rigid max. | 10 mm ² |

Output

| | |
|---------------------------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 12 mm |
| Conductor cross-section flexible min. | 0.25 mm ² |
| Conductor cross-section flexible max. | 4 mm ² |
| Conductor cross-section, rigid min. | 0.25 mm ² |
| Conductor cross-section, rigid max. | 4 mm ² |

Signal level

| | |
|---------------------------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 10 mm |
| Conductor cross-section flexible min. | 0.25 mm ² |
| Conductor cross-section flexible max. | 2.5 mm ² |
| Conductor cross-section, rigid min. | 0.25 mm ² |
| Conductor cross-section, rigid max. | 2.5 mm ² |

Signal level

| | |
|---------------------------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 10 mm |
| Conductor cross-section flexible min. | 0.25 mm ² |
| Conductor cross-section flexible max. | 1.5 mm ² |
| Conductor cross-section, rigid min. | 0.25 mm ² |
| Conductor cross-section, rigid max. | 1.5 mm ² |

Dimensions

| | |
|------------------|----------|
| Width | 25 mm |
| Height | 115 mm |
| Height NS 35/15 | 118 mm |
| Height NS 35/7,5 | 110.5 mm |
| Depth | 110.5 mm |

Material specifications

| | |
|--|------------------|
| Color | black (RAL 9005) |
| Flammability rating according to UL 94 | V0 |
| Insulating material | PA-F |

Mechanical properties

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Mechanical data

Open side panel

Yes

Mounting

Mounting type

DIN rail: 35 mm

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Approvals

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cUL Recognized

Approval ID: FILE E 337423



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27140492 |
| ECLASS-15.0 | 27140492 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002936 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|--------------|
| CO2e kg | 1.85 kg CO2e |
|---------|--------------|

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