

SAC-4P-M12MS CCL TR - Termination resistor



1558470

<https://www.phoenixcontact.com/us/products/1558470>

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CC-Link termination resistor, 4-pos., M12 plug



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1558470 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF10 |
| Product key | AF1GVX |
| GTIN | 4046356293648 |
| Weight per piece (including packing) | 16.9 g |
| Weight per piece (excluding packing) | 11.26 g |
| Customs tariff number | 85332100 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|-------------------|
| Product type | Terminal resistor |
| Number of positions | 4 |
| Coding | A |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution | 3 |

Electrical properties

| | |
|-----------------------|----------------------------|
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage U_N | 24 V AC |
| | 24 V DC |
| Nominal current I_N | 20 mA |

General

| | |
|----------------------|--------------------------------|
| Termination resistor | 110 Ω (Contact 2 and 4) |
| Power consumption | 0.5 W |

Signaling

| | |
|------------------------|----|
| Status display | no |
| Status display present | no |

Material specifications

| | |
|--|---|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material for screw connection | Zinc die-cast, nickel-plated |

Connector

Connection 1

| | |
|-------------|-------------------|
| Type | Plug straight M12 |
| Coding type | A |

Connection 2

| | |
|------|----------------|
| Type | free cable end |
|------|----------------|

Mechanical properties

Mechanical data

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| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 90 °C |

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Drawings

Dimensional drawing



M12 termination resistor

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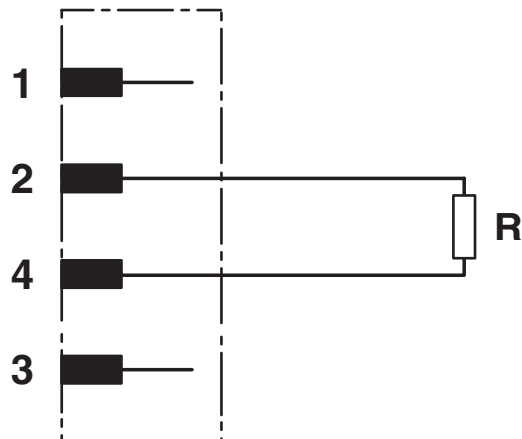
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Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

Circuit diagram



CC-Link termination resistor, $R = 110 \Omega$

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 19070403 |
| ECLASS-15.0 | 19070403 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000448 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 32121600 |
|-------------|----------|

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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 | 0.277 kg CO2e |
|---------|---------------|

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