

PCB r. hous & insert front M. 1pc w/o FE



Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 21 03 396 1532 |
| Specification | PCB r. hous & insert front M. 1pc w/o FE |
| HARTING eCatalogue | https://b2b.harting.com/21033961532 |

Identification

| | |
|----------------|---|
| Category | Connectors |
| Series | Circular connectors M12 |
| Identification | Power |
| Element | PCB adapter |
| Specification | Straight incl. housing for front mounting |

Version

| | |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender | Male |
| Shielding | Shielded |
| Number of contacts | 4 |
| Coding | L-coding |
| Locking type | Screw locking |

Technical characteristics

| | |
|-----------------------|---------------------------|
| Rated current | 16 A |
| Rated voltage | 63 V |
| Rated impulse voltage | 1.5 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulation resistance | $>10^8 \Omega$ |
| Contact resistance | $\leq 10 \text{ m}\Omega$ |



Pushing Performance

Technical characteristics

| | |
|--|-----------------------------|
| Tightening torque | 2 Nm Lock nut |
| Ambient temperature | -40 ... +85 °C |
| Mating cycles | ≥100 |
| Degree of protection acc. to IEC 60529 | IP65 / IP67 mated condition |
| Isolation group | I (600 ≤ CTI) |

Material properties

| | |
|---|------------------------|
| Material (insert) | Polyamide (PA) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Au over Ni Mating side |
| Material (hood/housing) | Zinc die-cast |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |

Specifications and approvals

| | |
|----------------|-----------------|
| Specifications | IEC 61076-2-111 |
| PROFINET | Yes |

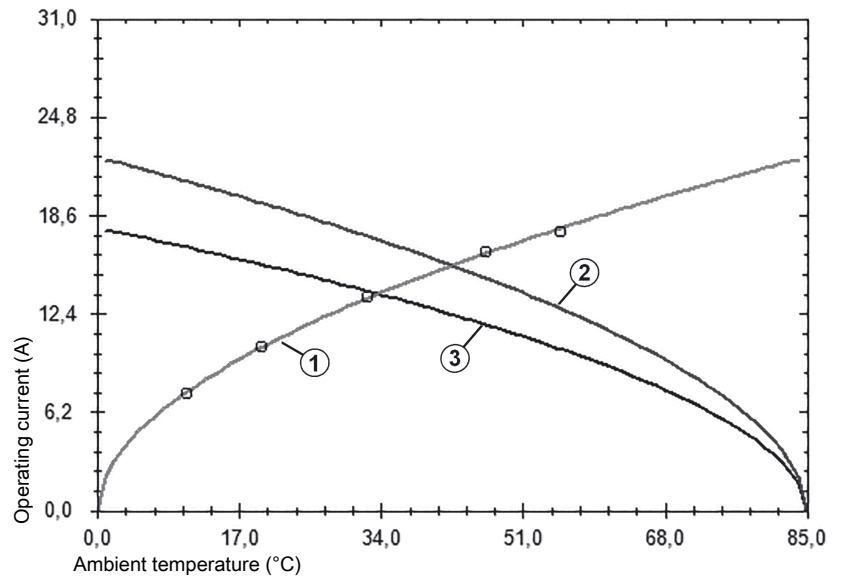
Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 32 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| eCl@ss | 27460201 PCB connector (board connector) |

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Heating
 - ② Derating curve
 - ③ Derating curve 80%
- Conductor cross-section 1.5 mm²

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