



Pushing Performance  
Since 1945

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



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 21 03 396 2532                                                                |
| Specification      | PCB r. hous & insert front F. 1pc w/o FE                                      |
| HARTING eCatalogue | <a href="https://harting.com/21033962532">https://harting.com/21033962532</a> |

## Identification

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

## Version

|                    |                                    |
|--------------------|------------------------------------|
| Termination method | Reflow soldering termination (THR) |
| Gender             | Female                             |
| 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    | $\leq 10 \text{ m}\Omega$ |



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## Technical characteristics

|                                        |                             |
|----------------------------------------|-----------------------------|
| Tightening torque                      | 2 Nm Lock nut               |
| Limiting 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                          |
| California Proposition 65 substances      | Not contained                          |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10)    |
| Requirement set with Hazard Levels        | no requirements (flammable mass < 10g) |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 61076-2-111                                            |
| UL / CSA       | UL 1977 ECBT2.E102079<br>CSA-C22.2 No. 182.3 ECBT8.E102079 |
| PROFINET       | Yes                                                        |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 20 g     |
| Country of origin              | Romania  |
| European customs tariff number | 85366990 |



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Commercial data

|             |                                          |
|-------------|------------------------------------------|
| GTIN        | 5713140228467                            |
| eCl@ss      | 27460201 PCB connector (board connector) |
| ETIM        | EC002637                                 |
| UNSPSC 24.0 | 39121415                                 |