

# PCB recept housing and insert fr fem 1pc



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Part number	21 03 396 2531
Specification	PCB recept housing and insert fr fem 1pc
HARTING eCatalogue	https://b2b.harting.com/21033962531

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

### 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	Female
Shielding	Shielded
Number of contacts	5
Number of power contacts	4
Number of special contacts	1
Specification of special contacts	FE contact
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

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# Technical characteristics

Overvoltage category	III
Insulation resistance	>10 <sup>8</sup> Ω
Contact resistance	≤10 mΩ
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)	Grey	
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 with exemption	
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight	
ELV status	compliant with exemption	
China RoHS	50	
REACH Annex XVII substances	Not contained	
REACH ANNEX XIV substances	Not contained	
REACH SVHC substances	Yes	
REACH SVHC substances	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead	
ECHA SCIP number	0d7d3693-d625-47ab-934a-d241bf72c86e	
California Proposition 65 substances	Yes	
California Proposition 65 substances	Lead Nickel	
Fire protection on railway vehicles	EN 45545-2 (2020-08)	
Requirement set with Hazard Levels	R26	
Specifications and approvals		
Specifications	IEC 61076-2-111	

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# Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079	
PROFINET	Yes	
Commercial data		
Packaging size	1	
Net weight	30.33 g	
Country of origin	Romania	
European customs tariff number	85366990	
GTIN	5713140228535	
eCl@ss	27460201 PCB connector (board connector)	

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