



Pushing Performance
Since 1945

PCB receptacle female front A-cod 8-pole



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

Part number	21 03 321 2831
Specification	PCB receptacle female front A-cod 8-pole
HARTING eCatalogue	https://b2b.harting.com/21033212831

Version

Termination method	Reflow soldering termination (THR)
Gender	Female
Shielding	Shielded
Number of contacts	8
Coding	A-coding
Locking type	Screw locking PushPull

Technical characteristics

Rated current	2 A
Rated voltage	30 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Overvoltage category	III
Insulation resistance	$>10^8 \Omega$
Contact resistance	$\leq 10 \text{ m}\Omega$
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 ($600 \leq \text{CTI}$)



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Material properties

Material (insert)	Liquid crystal polymer (LCP)
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	be45dcda-0f90-459a-a8bc-78fb7986a295
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-2-101
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Commercial data

Packaging size	1
Net weight	26.25 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140137820
eCl@ss	27460201 PCB connector (board connector)