Pushing Performance
Since 1945

har-bus HM Federl. Typ-B22, m. Schirmbl.

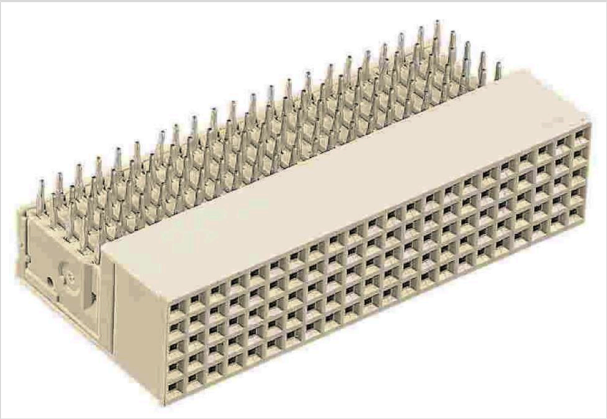

Image is for illustration purposes only. Please refer to product description.

Part number	17 24 110 2102
Specification	har-bus HM Federl. Typ-B22, m. Schirmbl.
HARTING eCatalogue	https://harting.com/17241102102

Identification

Category	Connectors
Series	har-bus® HM
Identification	Type B22
Element	Female connector
Description of the contact	Angled

Version

Termination method	Press-in termination
Shielding	With upper shield
Connection type	Motherboard to daughtercard
Number of contacts	110
Field of application	CompactPCI Positions J2 J5
Pack contents	Tube

Technical characteristics

Contact rows	7
Contact spacing (termination side)	2 mm
Contact spacing (mating side)	2 mm
Rated current	1 A
Data rate	≤2,500 Mbit/s
Insulation resistance	$>10^9$ Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 ... +125 °C

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Technical characteristics

Insertion force	≤82.5 N
Withdrawal force	≥16.5 N
Performance level	2
Test voltage $U_{r.m.s.}$	0.75 kV
Isolation group	IIIa (175 ≤ CTI < 400)
PCB thickness	≥1.4 mm

Material properties

Material (insert)	Thermoplastic resin, glass-fibre filled
Colour (insert)	Beige
Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side Ni Termination side
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	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	11
Net weight	14.96 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140122024

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Commercial data

eCl@ss	27460201 PCB connector (board connector)
ETIM	EC002637
UNSPSC 24.0	39121415

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