

har-modular M1 module male str. w.guide



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Part number	02 53 901 0401
Specification	har-modular M1 module male str. w.guide
HARTING eCatalogue	https://b2b.harting.com/02539010401

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

Identification Category Connectors Series har-modular® Identification M1 module Element Male connector Description of the contact Straight Version Details Please order contacts separately. **Technical characteristics** 4 mm in the module Clearance distance 2 mm to module edge 4 mm in the module Creepage distance 2 mm to module edge >10¹¹ Ω Insulation resistance -55 ... +125 °C Limiting temperature Insertion and withdrawal force ≤10 N Mating cycles ≥500 Test voltage U_{r.m.s.} 1.55 kV

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I (600 ≤ CTI)

Isolation group

Width of the module	10.16 mm
Connection type	Mezzanine
Number of contacts	1
Details	Please order contacts separately

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Lint	nlugging	
HOL	plugging	

Moisture Sensitivity Level	(MSL)

1 acc. to ECA/IPC/JEDEC J-STD-020D

No

Material properties

Material	Polyamide (PA)
Colour	Black
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)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F1/I2 acc. to NFF 16-101/102
Commercial data	
Packaging size	20
Net weight	0.9 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140197732
eCl@ss	27460201 PCB connector (board connector)

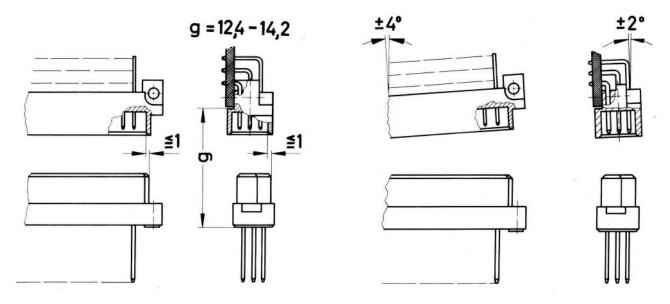
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Mating conditions



To ensure reliable connections and prevent unnecessary damage, please refer to the application data diagrams. These recommendations are set out in IEC 60603-2.

The connectors should not be coupled and decoupled under electrical load.

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