



Pushing Performance
Since 1945

HARTING PushPull V4 WDF 48V/12A 4p THT



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

Part number	09 46 245 4020
Specification	HARTING PushPull V4 WDF 48V/12A 4p THT
HARTING eCatalogue	https://harting.com/09462454020

Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	Power
Element	Panel feed through set
Description of hood/housing	Compact

Version

Termination method	Solder termination
Shielding	Unshielded
Number of contacts	4
Locking type	PushPull
Pack contents	with 4 turned female contacts, insulation body, hood and integrated seal

Technical characteristics

Conductor cross-section	1.5 mm ²
Conductor cross-section [AWG]	AWG 16 ... AWG 14
Rated current	12 A
Rated voltage	48 V
Rated impulse voltage	1.5 kV
Pollution degree	3
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750



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Technical characteristics

Degree of protection acc. to IEC 60529	IP65 IP67
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s ² acc. to IEC 61373 Category 1 Class B
Shock resistance	25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

Material properties

Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
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	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	11.2 g
Country of origin	Romania



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Commercial data

European customs tariff number	85366990
GTIN	5713140223660
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408