Pushing Performance
Since 1945

PushPull V4 PFT, 10G, Cat.6A, 8-pin

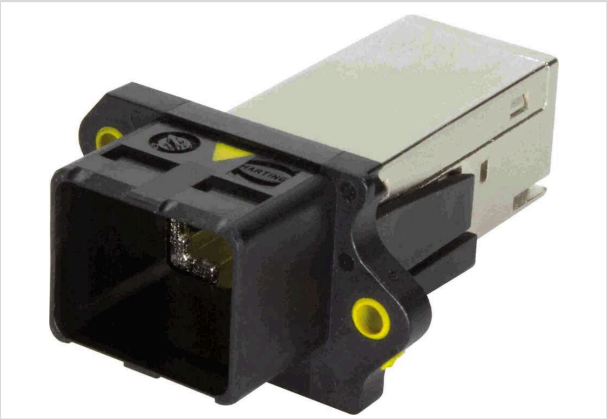

Image is for illustration purposes only. Please refer to product description.

Part number	09 45 245 1561
Specification	PushPull V4 PFT, 10G, Cat.6A, 8-pin
HARTING eCatalogue	https://harting.com/09452451561

Identification

Category	Connectors
Series	HARTING PushPull (V4) RJ45
Element	Panel feed trough set
Type of hood/housing	Bulkhead mounted housing
Features	Suitable for all PoE versions

Version

Shielding	Shielded
Number of contacts	8
Locking type	PushPull
Pack contents	incl. seal, 2x RJ45-jack and board drillings for M2.5

Technical characteristics

Transmission characteristics	Cat. 6_A Class E_A up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67

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Technical characteristics

Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s² 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
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	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	22.7 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223776
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636

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UNSPSC 24.0	39121408

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