



Pushing Performance  
Since 1945

# PushPull V4 plug, RJ45, Cat.6, IDC



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

Part number	09 45 145 1561
Specification	PushPull V4 plug, RJ45, Cat.6, IDC
HARTING eCatalogue	<a href="https://b2b.harting.com/09451451561">https://b2b.harting.com/09451451561</a>

## Identification

Category	Connectors
Series	HARTING PushPull (V4)
Identification	RJ45
Element	Connector sets
Features	Suitable for all PoE versions

## Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Locking type	PushPull
Pack contents	incl. housing with RJ45 connector, shielding and cable gland

## Technical characteristics

Conductor cross-section	0.1 ... 0.32 mm² Stranded
	0.22 ... 0.32 mm² Solid
Conductor cross-section [AWG]	AWG 27/7 ... AWG 22/7 Stranded
	AWG 27/1 ... AWG 22/1 Solid
Transmission characteristics	Cat. 6 Class E <sub>A</sub> 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



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## Technical characteristics

Tightening torque	1.3 ... 1.5 Nm
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4.5 ... 10 mm
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	Yes
REACH SVHC substances	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
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



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## Commercial data

Packaging size	10
Net weight	27 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223752
ETIM	EC002636
eCl@ss	27440114 Rectangular connector (for field assembly)