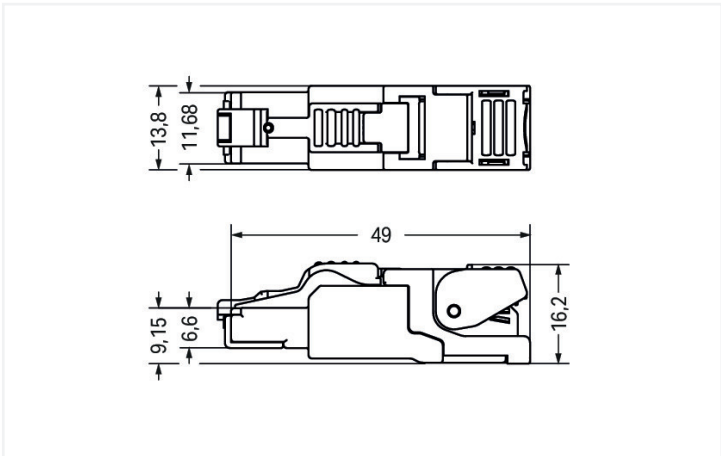
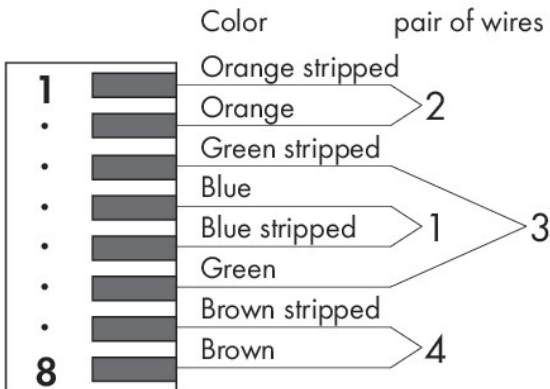




Pin assignment TIA-568B



Dimensions in mm

Technical data	
Connection type	RJ-45 plug
Pole number	8
Cable connection direction to mating direction	0°
Communication/fieldbus	ETHERNET
Code	TIA-568B
Transmission rate	10000 Mbit/s

Connection data	
Connection type 1	IDC contact
Solid conductor	0.21 ... 0.32 mm² / 24/1 ... 22/1 AWG
Stranded conductor	0.11 ... 0.36 mm² / 27/7 ... 22/7 AWG



Physical data	
Width	13.8 mm
Height	16.2 mm
Depth	49 mm

Mechanical data	
Connection requirement (permissible cable type)	Cat. 6A
Connectable sheathed cable diameter	5.5 ... 9 mm
Housing material	Zinc die casting
Weight	18 g

Environmental requirements	
Ambient temperature (operation)	-40 ... +85 °C
Ambient temperature (storage)	-40 ... +85 °C
Protection type	IP20
Relative humidity (without condensation)	95 %
Fire load	0 MJ
Standards/specifications	IEC60603-7-51, ISO/IEC 11801, IEEE 802.3an EIA/TIA 568-C.2 DIN EN 50173-1 UL 1863 UL 2043

Commercial data	
eCl@ss 10.0	27-24-26-92
eCl@ss 9.0	27-24-26-92
ETIM 9.0	EC001121
ETIM 8.0	EC001121
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	TW
GTIN	4055143586191
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 1977	E345416



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	750-977/000-012		

Documentation			
Bid Text			
750-977/000-012	19.02.2019	xml 3.71 KB	
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