



Identification

Type	MDT-RJ45 F 8pol. Cat.6A TIA 568A
Part No.	490238

Product version

Datasheet version	00
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General

Design	RJ45 female
Degree of pollution	1
Insulation resistance	>500 MΩ
Contact resistance	<20 mΩ
Flamability according to UL 94	V0
Protection class	IP20
Housing material	PC
Color of the housing	grey
Color	grey
Contact material	CuSn, gold-plated
Operation temperature range	-40 °C ... +70 °C
Storage temperature range	-40 °C ... +70 °C
Dimensions (w × h × d)	18.0 mm × 70.5 mm × 67.5 mm
Mechanical service life	>750 insertion cycles
Cross-section AWG	AWG AWG 27-22/7
Weight/unit	0.053 kg
PU (units)	1

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0 • Fax +49 (0)7151 6053-277(-288)
www.luetze.de • info@luetze.de

Technical data sheet

Actuator sensor interface

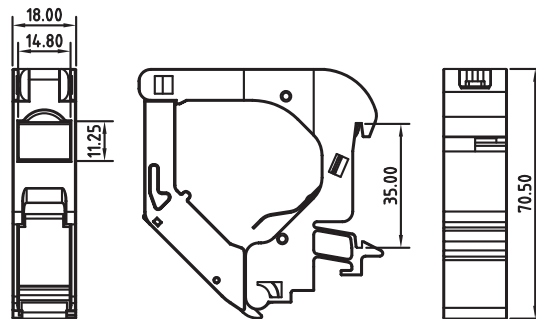
Technical data

Rated voltage U_N	AC 24 V
Rated voltage max.	50 V
Rated current	≤ 1 A per contact
Pole number	8
Transfer rate	10 Gbit/s
Category	Cat.6 _A
Contact type	IDC
Shielding	shielded

Certifications/Standards

Certifications	cULus (E135145)
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Dimensions

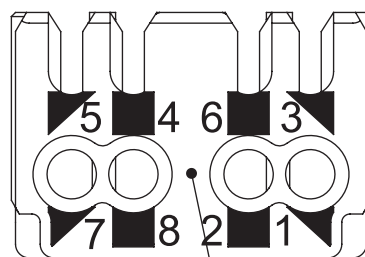
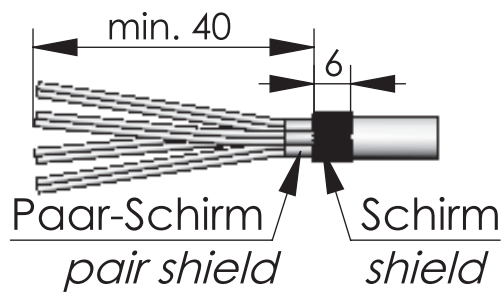


Connection assignment

RJ45

	TIA 568A	TIA 568 B	Profinet
1	WHGN	WHOG	YE
2	GN	OG	OG
3	WHOG	WHGN	WH
4	BU	BU	-
5	WHBU	WHBU	-
6	OG	GN	BU
7	WHBR	WHBR	-
8	BR	BR	-

PIN assignment



Anschluss
Connection