



<b>Identification</b>	Type	MDT-RJ45 F 8pol. Cat.6A
	Part-No.	490166
<b>Description</b>	Module holder, RJ45, female / IDC For TS35 DIN rail Cat. 6A	
<b>Technical data</b>	Nominal voltage 125 V Rated current Max. 1.5 A per contact Pol number 8 Transfer rate 10 Gbit/s Transmission frequency 10 GBit/s Category 6 Contact type IDC Shielding yes	
<b>General</b>	Form RJ45 Pollution degree 1 Insulation resistance $\geq 100 \text{ M}\Omega$ Contact resistance $\leq 100 \text{ m}\Omega$	

30.01.2017 – Subject to technical modification

Part-No. 490166

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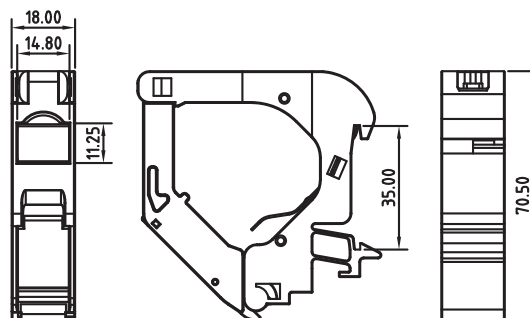
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## Technical data sheet · Interface Technology

Class of flammability according to UL 94	V0
Protection class	IP 20
Housing material	PC-GF grey
Contact material	CuSn, gold-plated
Cable diameter	4.5 – 8 mm
Storage temperature range	-40 °C ... 85 °C
Operation temperature range	-40 °C – 85 °C
Dimensions (w × h × d)	36.0 × 36.0 × 27.5 mm
Mechanical service life	≥ 750 insertion cycles
Cross section	AWG 24-22
Weight (kg/piece)	0.063
PU	1

### 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	-

### Accessories

Accessories	Article number	Type	PU
Patch cable RJ45 Cat.5e	192000.xxxx	xxxx cable length from 0.5 - 30 m	1
Patch cable RJ45 Cat.6e	192100.xxxx	xxxx cable length from 0.5 - 30 m	1

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