RJ45 module shielded Cat. 6/E$_A$
Module KS-T 1/8 tool-less Cat.6/E$_A$

RJ45 module KS-T 1/8 tool-less Cat.6/E$_A$ with dust shutter

PRODUCT INFORMATION

APPLICATION

For the transmission of digital and analogue voice-, video- and data signals.
The module KS-T exceeds the IEC 60603-7-5 standard´s requirements for Cat.6 connecting hardware up to 250 MHz. It also fulfils all Class E$_A$ Channel requirements up to 500 MHz when combined with Cat.7 and Cat.7$_A$ data cables. Therefore it is applicable for 10-Gigabit Ethernet transmissions in accordance with IEEE 802.3.
Useable for Power over Ethenet Plus (PoE+) corresponding to IEEE 802.3at.

DESCRIPTION

Solid zinc die casting housing with mounting clip for installation in Keystone panels and outlets.
Contact spring with phosphor bronze alloy, plated with gold.
For connecting the wires a wire manager is used in combination with two integrated moveable housing wings for tool-less IDC connections.
Only for cutting the wires a plane wire cutter is necessary.
The 360° metal shield ensures a durable fully shielded environment. Strain relief via cable tie.
The module is re-usable.
Potential balancing possibility directly at the module when needed.
With removable black dust shutter. Other colours available as accessories sets.

MECHANICAL PROPERTIES

Solid copper wire	0.50 mm (AWG 24) to 0.65 mm (AWG 22)
Re-connection	for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter
Stranded copper wire	CU 7702 flex (AWG 26/7), re-usable once
Diameter over insulation	0.70 mm to 1.40 mm (1.60 mm)
Temperature range	storing: -40°C to +70°C
	during installation: -10°C to +60°C
	in operation: -20°C to +60°C

STANDARDS

IEC 60603-7-5 (Cat.6 shielded, 250 MHz)
ISO/IEC 11801:2002 / Amd.2:2010
EN 50173-1:2011
TIA/EIA 568-B.2-10:2008

GENERAL CHARACTERISTICS

Termination	Wire guides with colour coding in accordance with T568-A or T568-B
M	Modular
Cat./Class	Cat.6 / Class E$_A$ (Channel) when used together with Cat.7/7$_A$ data cables

Article No.	Description	Colour	PU
418060	RJ45 module KS-T 1/8 tool-less Cat.6/E$_A$ shielded with dust shutter	black	10 pcs.
418062	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	white	1 set
418063	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	black	1 set
418064	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	yellow	1 set
418065	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	blue	1 set
418066	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	green	1 set
418067	Dust shutters for modules KS-T Cat.6/E$_A$ and KS-T Plus Cat.6$_A$ (1 set = 10 pcs.)	red	1 set

Please find an up-to-date matrix showing which patch panels and outlets are suitable for the insertion of the respective Datwyler module on our homepage www.datwyler.com.

Subject to technical modification.

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