

## KS-T 1/8 tool-less Cat.6/E<sub>A</sub> RJ45 module, shielded, Category 6/E<sub>A</sub>



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



### Description

For the transmission of digital and analogue voice-, video- and data signals.

The KS-T RJ45 module exceeds the IEC 60603-7-5 standard's requirements for Cat.6 connecting hardware up to 250 MHz. It also fulfils all Class EA Channel requirements up to 500 MHz when combined with Cat.7 and Cat.7A data cables. Therefore it is applicable for 10-gigabit Ethernet transmissions in accordance with IEEE 802.3.

Useable for Power over Ethernet Plus (PoE+) corresponding to IEEE 802.3at. 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.

### General Properties

Installation temperature	-10 °C - +60 °C
Operating temperature	-20 °C - +60 °C
Storage temperature	-40 °C - +70 °C

### Electrical properties

EMC	shielded
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### Mechanical properties

Connection type	IDC insulation displacement connectors
Solid copper wire	0.50 (AWG 24) - 0.65 (AWG 22)
Stranded copper wire	AWG26/7
Diameter over Insulation	0.70 mm - 1.40 mm
Re-connection	for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter
Re-usable	once

### Standards

Cat./Class	Cat.6 / Class E <sub>A</sub> (Channel) when used together with Cat.7 / 7 <sub>A</sub> data cables
Connector standards	IEC 60603-7-5, IEC 60512-99-001
Cabling standards	ISO/IEC 11801, EN 50173-1, TIA/EIA 568-x

## Versions

Material number	Product	Colour	Weight [kg]	Packing unit
418060	RJ45 module KS-T 1/8 tool-less Cat.6/E <sub>A</sub> shielded with dust shutter	black	0.03 kg	10 pcs.

Subject to technical modification

As of 2020-12-03 11:26:55