



RJ45 module KS-T8 Class I, tool-less, shielded, with dust shutter



## DESCRIPTION

For the transmission of digital and analogue voice-, video- and data signals.  
 The KS-T8 Class I RJ45 module is specified up to 2000 MHz in compliance with the component standard IEC 60603-7-1.  
 Enables acceptance testing with high spare capacity at the limit values stipulated for Class I Permanent Links when combined with shielded Category 8 data cables. Therefore it is applicable for 25-gigabit Ethernet transmission in accordance with IEEE 802.3bq and 40-gigabit Ethernet transmission.  
 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.  
 A wire manager in combination with the integrated movable housing wing enables 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.  
 Fully integrated strain relief.  
 The module is re-usable.  
 Potential balancing possibility directly at the module when needed.  
 Comes with removable grey dust shutter.

## MECHANICAL PROPERTIES

Solid copper wire:	0.41 mm (AWG 26) to 0.64 mm (AWG 22)	
Re-connection:	for AWG 22, AWG 23 and AWG 24 when using the same or bigger wire diameter	
Stranded copper wire:	AWG 26/7 (re-usable once) up to AWG 22/7	
Diameter over insulation:	0.9 mm to 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

## GENERAL PROPERTIES

Termination: Wire guides with colour coding in accordance with T568-A and B

## STANDARDS

Cat./Class	Class I
Standards	IEC 60603-7-1 (RJ45 shielded, mechanically compatible to IEC 60603-7-81, Cat.8.1, up to 2000 MHz) IEC 60512-99-001 (PoE+) ISO/IEC 11801:2002 / Amd.2:2010 EN 50173-1:2011 TIA/EIA 568-C

## VERSIONS

Article No.	Product	Colour	PU
440071	RJ45 module KS-T8 Class I, tool-less, shielded, with dust shutter (grey)	silver	12 pcs.