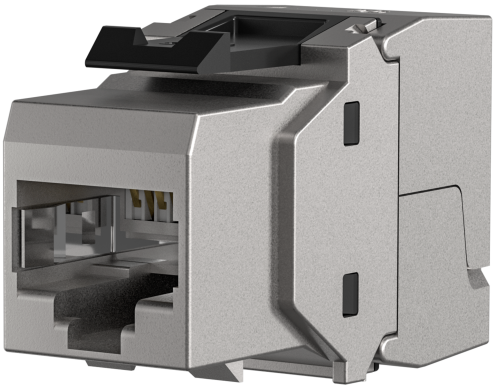
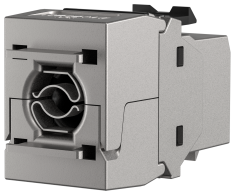
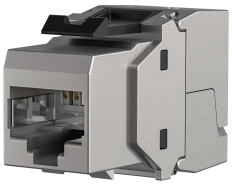
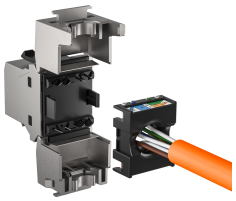
DATASHEET

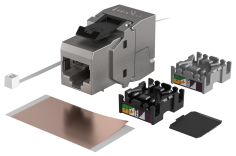
INFRALAN® RJ45 Keystone, Cat.6A / ClassEA, Component, PU 12











General data

The INFRALAN IKS-6A-KOP-12 Keystone Module offers the combination of very good transmission characteristics and simple tool-free assembly.
The module's high processing quality has been proven millions of times over, a secure Cat. 6A component of the cabling system for applications up to 10 Gigabit Ethernet.
Special tools are not required, the installation is easy and handy.
Fully shielded zinc die-cast Keystone housing with separate dust protection cap
Cat. 6A component certification according to ANSI/TIA-568-C. 2 and ISO/IEC 11801 and IEC 60607-7-51
Compact wire pre-sorting unit for AWG24/1... AWG22/1
Pair management according to TIA/EIA 568 A/B color codes
PoE and PoE Plus according to IEEE802.3af/at/bt
Suitable for distribution panel and support rings with keystone cut-out, exclusive
UAE
Strain relief by cable ties

Scope of delivery:
1 x RJ45 keystone, Cable coder,1 x copper foil, 1 x cable tie, dust cover, mounting instruction

Technical properties

360° shield contact	True

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DATASHEET

INFRALAN® RJ45 Keystone, Cat.6A / ClassEA, Component, PU 12

4PPOE certified	True
AWG-range	24 – 22
Cable diameter	8.0 mm
Casing material	Zinc die cast
Category	6A (TIA)
Complaint to UL94	V-0
Connection type	Insulation displacement connector
Contact Resistance	< 20 mΩ
Contact coating	50 µ"
Current capacity	2 A
Dielectric Withstanding Voltage	1000 V AC 60Hz
Dust cover	True
For UAE suitable	False
Insertion force	≤ 30 N
Insulation Resistance	≥ 500 MΩ
Mating cycles	≥750
Model	jack
Operating Temperature	-10 – 60 °C
Shield contact and strain relief separate	False
Special tool necessary	False
Suitable for flat cable	False
Suitable for litz wire conductor	True
Suitable for round cable	True
Suitable for solid core	True
Type of connector	RJ45 8(8)
Type of locking	Latching mechanism
screened	True

Available variants

ArtNr.	Bezeichnung	Colour
IKS-6A-KOP-12	INFRALAN® RJ45 Keystone, Cat.6A / ClassEA, Component, PU 12	metall

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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