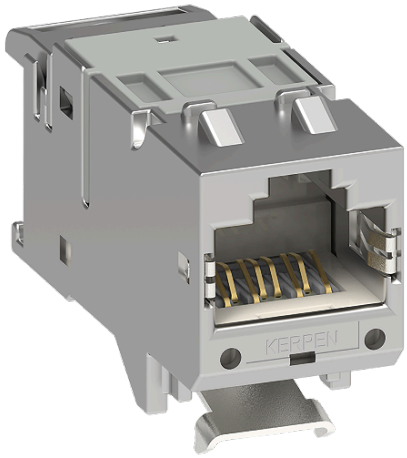
MegaLine® Connect45 Pro Jack module

Keystone format

Category 6_A



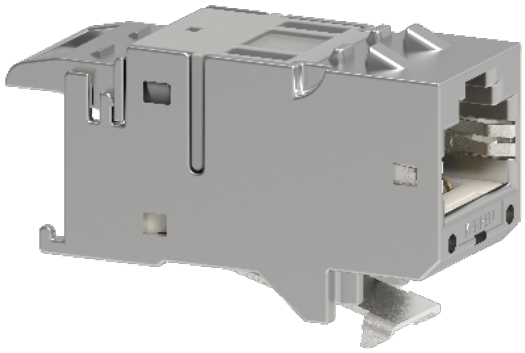


Illustration similar

Description

MegaLine® Connect45 Pro
jack module RJ45 Keystone format.

Properties / applications

The performance characteristics correspond to Cat. 6_A (ISO/IEC) up to 500 MHz. The requirements of the channel and permant link class E_A according to ISO/IEC 11801 Amd. 1/2 are fulfilled from 1 m. The length specifications refer to the 2-connector model. The jack module with toolless assembly is fully compatible with all system components of MegaLine® Connect45 Pro product family.

For installation in structured cabling acc.to ISO/IEC 11801 and EN 50173 and for transmission of analog and digital voice, image and data signals.

Constructive characteristics

Material (insulating parts)	Polycarbonat
Material	FR4 (printed circuit board)
Material contact area	Gold plating
Gold plating in contact area	10 µ
Jack type	MegaLine® Connect45 Pro keystone jacks
Grounding connection type	Flat plug 2.8 mm

Construction

Material (housing)	Full metal; die-cast zinc, nickel-plated
Material	FR4 (printed circuit board)
Colour	Metal
Cable fixation	By cable ties

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Electrical characteristics

Temperature range	-40 °C - +70 °C
Insertion force (max.)	30 N
Insertion cycles (front) (min.)	1000

Connections

Mating face	RJ45
Contacts	toolless
suitable for conductor cross-section (AWG)	AWG 22/1 - 24/1, AWG 24/7 - AWG 26/7

Electrical characteristics (LF) at 20 °C

Contact resistance	max.	8 mΩ
Insulation resistance between contacts	min.	500 MΩ
Dielectric strength contact-contact	min.	1000 V DC/AC
Current rating (50 °C)		0.8 A

Dimensions

Width	14.6 mm
Height	21.9 mm
Depth	38.2 mm
Cable diameter area	max. 9.5 mm

Standards, certificates and approvals

Connector standard	IEC 60603-7-51
Mating durability	1000x min. aac.to IEC 61300-2-2
Cabling standard	EN 50173 ISO/IEC 11801
Power supply	IEEE 802.3bt (4PPoE), IEC 60512-99-001, IEC 60512-9-3
Chemical continuance	Conform to RoHS and REACH, Free of hazardous substances acc. to RoHS 2011/65/EU

Accessories (optional)

KDA4Z00M1110020 90° angled adapter
KDA4Z0KM1000025 dust cap white
KDA4P0K1G020001 1RU panel 24 ports
KDA4P0K1I020001 1.5RU panel 48 ports

Class	Colour	PU (pieces)	Part number
E_A	Metal	1	KDA4M5KR1100001

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