Telegärtner
KARL GÄRTNER GMBH

order number: J00029A6001

AMJ-SL Module Cat.6A, T568B

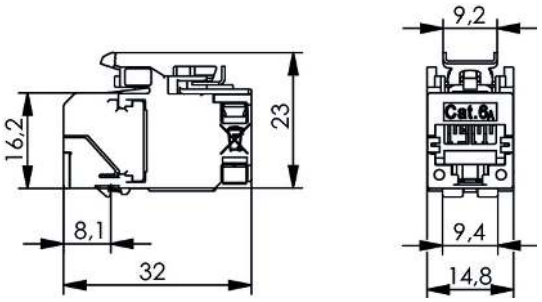

Fig. may differ

Technical Attributes	
Remarks	tool-free connectivity, suitable for RJ45/11/12 plugs
Type	package of 2
Short name	AMJ-SL Module Cat.6A, T568B
	Very short length, only 32 mm
	Made in Stuttgart
	PVP certification
	Safe Lock
	Type Approval Component Category 6A, certified by GHMT; electrical performance characteristics above standard certainty for planning purposes
	Refined zinc die cast housing and metallic stop hook provide 360°-shielding
	Captive cable relief
	Compatible with all switching programs
	Carton packaging
	Detailed assembly instruction and assembly video available,

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	via QR-Code always and everywhere
	easy & fast assembly withou special tools

Performance Characteristics

- Cat.6_A acc. to IEC 60603-7-51
- Cat.6_A re-embedded tested acc. to IEC 60512-27-100
- link certificate: Class E_A acc. to ISO/IEC 11801
- 10 Gigabit-Ethernet compliant (IEEE 802.3an)
- overbending protection: ≥750 mating cycles with RJ45/RJ11/RJ12 plugs
- suitable for PoE+ acc. to IEEE 802.3at
- suitable for switching programs from several manufacturers with design capable faceplate AMJ-S Up/0 flex
- integrated strain relief for cable O.D. to 9 mm
- universal, world-wide available installation dimension for mounting cut-outs: 19.3 x 14.7 mm
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- AMJ-S DD: with integrated protection against damage to the contacts by automatic disconnection of the plug connection

Mechanical Characteristics	
Insertion force	≤ 30 N
Material: snap-fit	spring steel
Life (mating cycles RJ45, RJ12, RJ11)	≥ 750
Cu-Conductor diameter: solid	0.41 - 0.64 mm AWG 26/1 - AWG 22/1
Material: shield	German silver
Cu-Conductor diameter: stranded	0.46 - 0.76 mm AWG 27/7 - AWG 22/7
Material: insulators	PC UL94 HB
Core Diameter	0,9 - 1,6 mm
Material: PCB finish	chem. tin-plated
Material: contact spring finish	min. 0,8 µm (µin) Au on 1,2 µm (50µin) Ni
Reusable IDC for AWG 22/1 and AWG 22/7	≤4 cycles
Material: IDC termination finish	min. 3-6 µm (120-240 µin) Sn
Reusable IDC für AWG 23/1 - AWG 26/1	≤10 cycles
Material: cable clamp	PC UL94 V0
Reusable IDC for AWG 24/7 - 27/7	≤10 cycles

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Material: wire pair presorting	PC UL94 HB white
Cable diameter	max. 9 mm
Material: shield	German silver
strain relief	PC UL94 V0
Material: housing	zinc diecast Ni plated
Material: PCB	FR4 UL94 V0
Material: contact spring	gold plated
Material: contact IDC termination	bronze tinned

Climatic Characteristics	
UL	E244889

Electrical Characteristics	
Contact resistance	≤ 20 mΩ
Insulation resistance	≥ 500 MΩ
Voltage proof: contact-contact	≥ 1000 V, DC
Voltage proof: contact-shield	≥ 1500 V, DC
Current carrying capacity at 50°C	1 A
PoE+ acc to IEEE 802.3at	Adequate for Power over Ethernet+
PoE according to IEEE802.3af	Adequate for 4 Pair Power over Ethernet

Standards	
Connectors	IEC 60603-7-51
Degrees of protection provided by enclosures (IP code)	IEC 60529

Protection against particulate ingress	IP2X
Protection against water / immersion	IPX0
Ambient temperature	-40° C to +70° C

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Category 6_A (Component)	ISO/IEC 11801, DIN EN 50173-1
Class E_A (Permanent Link)	ISO/IEC 11801, DIN EN 50173-1
Class E_A (Channel)	ISO/IEC 11801, DIN EN 50173-1
Gigabit Ethernet acc. to IEEE 802.3	fulfilled
10 Gigabit Ethernet acc. to IEEE 802.3an	fulfilled

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