



MegaLine[®] Connect45

Link extender class E_A

Mechanical characteristics

Assembly dimension	13.2 mm x 15.6 mm x 65.5mm (HxBxD)
Engaging force	<= 30 N
Contact durability	>= 100
Basic material (housing)	Zinc-diecast
Basic material (isolation parts)	PC aqua
Basic material (PCB)	FR4
Gold plating (contact area)	30μ
Contacting	AWG 27-22 (depending on cable plug, not included)
	Assembling <u>exclusively</u> with MC45 assembly tool 9A504001
Cable diameter	5 mm – 10 mm

Environmental characteristics

Protection class	IP20
Temperature range	-40 °C - +70 °C

Electrical characteristics

Contact resistance	<= 20 mOhm
Isolation resistance between contacts	>= 500 MOhm
Proof voltage (contact-contact)	>= 1,000 V DC/AC
Proof voltage (contact-shielding)	>= 1,500 V DC/AC
Max. current (50 °C)	1.25 A
PoE+ acc. to IEEE802.3at	is supported

Transmission characteristics

class E _A	acc. to ISO/IEC 11801 Amendment 1/2 10 GbE is supported
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P/N	Description	Parts per unit
9A500010	MegaLine [®] Connect45 link extender class E _A	1