

Product: MPS-8U-RST 5L-2RKT 5L ☑



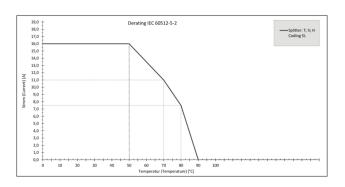
M12 Power h-splitter: input: male, 4+FE, L-coded; output: 1-2, female, 4+FE, L-coded

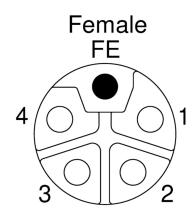
Product Description

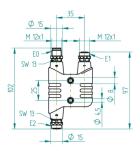
M12 Power h-splitter: male, straight, 4+FE, L-coded, M12, female, straight, 4+FE, L-coded

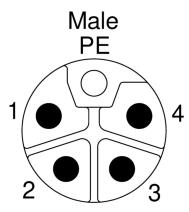
Technical Drawing











Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Molded Splitter
Rated Voltage:	63 VDC
Rated Current*:	16 A

Technical Data Side 1

Product Sub Family: M12 Power Type of Contact / Gender: male, M12 Connector Design: h shape Attachment Type: Coupling Nut Number of Pins: 4+FE Coding: L Insulation Resistance: ≥10^8 Ohm Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Cotor: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn		
Connector Design: h shape Attachment Type: Coupling Nut Number of Pins: 4+FE Coding: L Insulation Resistance: ≥10^8 Ohm Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Product Sub Family:	M12 Power
Attachment Type: Number of Pins: 4+FE Coding: L Insulation Resistance: 2+10^8 Ohm Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn Cougn CuZn CuZn CuZn Contact Bearer Color: black Molded Body Color: CuZn CuZn	Type of Contact / Gender:	male, M12
Number of Pins: 4+FE Coding: L Insulation Resistance: ≥10^8 Ohm Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Connector Design:	h shape
Coding: Insulation Resistance: ≥10^8 Ohm Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn CuZn CuZn CuZn Cottact Bearer Color: black Molded Body Color: CuZn CuZn	Attachment Type:	Coupling Nut
Insulation Resistance: Mating Cycles: 100 Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn CuZn CuZn CuZn CuZn CuZn Cuzn Contact Bearer Material: Cu/Au Contact Bearer Material: CuZn Contact Bearer Color: black CuZn CuZn CuZn	Number of Pins:	4+FE
Mating Cycles: Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn CuZn CuZn CuZn CuZn Cu/Au Contact Bearer Material: Cu/Au Contact Bearer Material: Cu/Au Contact Bearer Color: black CuZn	Coding:	L
Ambient Temperature (Operation)*: -30°C to +90°C, notice derating Design Standard: IEC 61076-2-111 Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn CuZn	Insulation Resistance:	≥10^8 Ohm
Design Standard: Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Mating Cycles:	100
Pollution Degree: 3 acc. to DIN EN 60664-1 (VDE 0110-1) Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Ambient Temperature (Operation)*:	-30°C to +90°C, notice derating
Contact Base Material: CuZn Contact Plating: Cu/Au Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Design Standard:	IEC 61076-2-111
Contact Plating: Contact Bearer Material: PA Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Bearer Material: Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Contact Base Material:	CuZn
Contact Bearer Color: black Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Contact Plating:	Cu/Au
Molded Body Material: TPU Molded Body Color: black Attachment Material: CuZn	Contact Bearer Material:	PA
Molded Body Color: black Attachment Material: CuZn	Contact Bearer Color:	black
Attachment Material: CuZn	Molded Body Material:	TPU
	Molded Body Color:	black
	Attachment Material:	CuZn
Attachment Plating: Cu/Ni	Attachment Plating:	Cu/Ni
O-Ring Material: FPM/FKM	O-Ring Material:	FPM/FKM

Cable Data

Ambient Temperature (Fixed Installation):	-30°C to +90°C	

Technical Data Side 2

Product Sub Family, Side 2:	M12 Power
Type of Contact / Gender, Side 2:	female, M12
Number of Pins, Side 2:	4+FE
Coding, Side 2:	L
Contact Base Material, Side 2:	CuZn
Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PA

Contact Bearer Color, Side 2:	black
Attachment Material, Side 2:	CuZn

Technical Data Side 3

Attachment Material, Side 3:	CuZn
Coding, Side 3:	L
Contact Base Material, Side 3:	CuZn
Contact Bearer Color, Side 3:	black
Contact Bearer Material, Side 3:	PA
Contact Plating, Side 3:	Cu/Au
Number of Pins, Side 3:	4+FE
Protection Degree / IP Rating (IEC 60529), Side 3:	IP65, IP67, IP68
Rated Current*, Side 3:	16 A
Rated Voltage, Side 3:	63 VDC
Type of Contact / Gender, Side 3:	female, M12

Technical Data Side 4

Product Sub Family, Side 4:	M12 Power
Protection Degree / IP Rating (IEC 60529), Side 4:	IP65, IP67, IP68
Rated Current*, Side 4:	16 A

Approvals

UL-File:	E497237
UL:	cULus

Safety & Environmental Compliance

RoHS Compliant:	yes

Notes

Protection Degree / IP Rating Note:	** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.
Note Derating:	* Notice derating

Variants

Item #	Item Description
26383	MPS-8U-RST 5L-2RKT 5L

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