lumbergautomation
A BELDEN BRAND

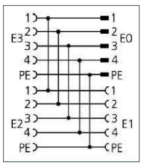
Product: MPS-HU-RST 5K-3RKT 5K

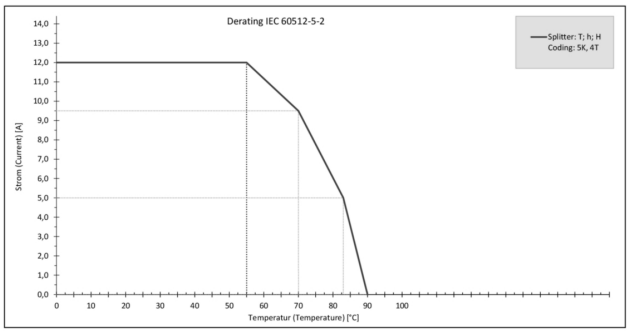
M12 Power H-splitter: input: male, 4+PE, K-coded; output: 1-3, female, 4+PE, K-coded

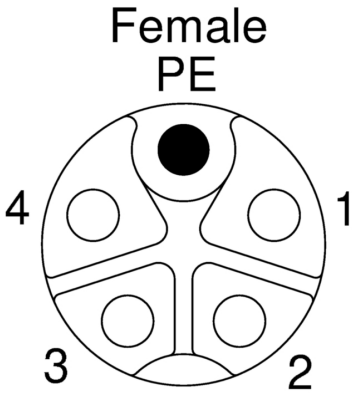
Product Description

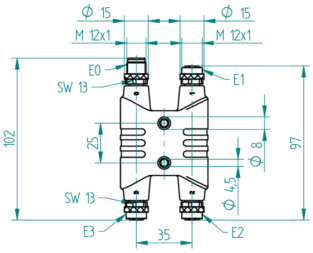
M12 Power H-splitter: male, straight, 4+PE, K-coded, M12, female, straight, 4+PE, K-coded

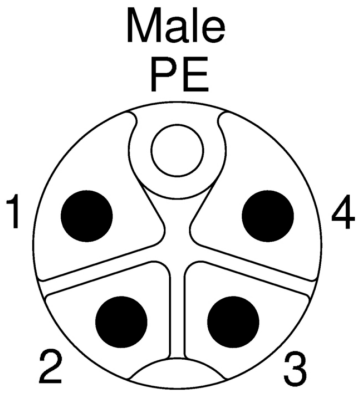
Technical Drawing











Technical Specifications

Product Description

Product Family:	Power Connector
Brand:	Lumberg Automation
Connector Type:	Molded Splitter
Rated Voltage:	630 VAC
Rated Voltage (UL):	500 VAC
Rated Impulse Voltage:	12 A
Rated Current*:	12 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+PE
Coding:	K
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
Attachment Plating:	Cu/Ni
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+PE
Coding, Side 2:	K
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:	K
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+PE
Protection Degree / IP Rating (IEC 60529), Side 3:	IP65, IP67, IP68
Rated Current*, Side 3:	12 A
Rated Voltage, Side 3:	630 VAC
Rated Voltage (UL), Side 3:	500 VAC
Type of Contact / Gender, Side 3:	female, M12

Technical Data Side 4

Attachment Material, Side 4:	CuZn
Coding, Side 4:	K
Contact Base Material, Side 4:	CuZn
Contact Bearer Color, Side 4:	black
Contact Bearer Material, Side 4:	PA
Contact Plating, Side 4:	Cu/Au
Number of Pins, Side 4:	4+PE
Product Sub Family, Side 4:	M12 Power
Protection Degree / IP Rating (IEC 60529), Side 4:	IP65, IP67, IP68
Rated Current*, Side 4:	12 A
Rated Voltage, Side 4:	630 VAC
Rated Voltage (UL), Side 4:	500 VAC
Type of Contact / Gender, Side 4:	female, M12

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
935065002	MPS-HU-RST 5K-3RKT 5K

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