

Product: <u>ASB 2-RKT 4-3-643</u> 12



T-Splitter | M12- Male 0° | #Contacts: 4 | with two M12 - Female 0° | #Contacts: 3 | 250 V | Cable: Yellow (TPE); 22 AWG; IEC; cURus

Product Description

Splitter | M12- Male Straight | #Contacts: 4, A-coded | with two identical M12 - Female Straight, A-coded | #Contacts: 3 | 250 V / 4 A | Cable: Yellow TPE Jacket; 3x0.34 mm² (22 AWG); IEC, cURus 2238

Technical Drawing



Technical Specifications

Product Description

Product Family:	Sensor / Actuator Connectors	
Brand:	Lumberg Automation	
Connector Type:	T-Splitter	
Shielding:	Unshielded	
Rated Voltage:	250 V	
Rated Current*:	4 A	

Technical Data Side 1

Product Sub Family:	M12 Splitter	
Type of Contact / Gender:	Pin Contact / Male	
Connector Design:	Straight	
Attachment Type:	Coupling Screw	
Number of Pins:	4	
Coding:	A	
Contact Resistance:	≤ 5 mOhm	
Insulation Resistance:	> 10^9 Ohm	
Mating Cycles:	≤ 100	
Ambient Temperature (Operation)*:	- 40 °C - + 90 °C	
Protection Degree / IP Rating**:	IP65, IP67	
Design Standard:	IEC 61076-2-101	
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)	
Overvoltage Category:	II acc. to DIN EN 60664-1 (VDE 0110-1)	
Contact Base Material:	Brass (Cu/Zn)	
Contact Plating:	Nickel-plated (Ni)	
Contact Bearer Material:	Polyurethane (PUR)	
Contact Bearer Color:	Yellow	

Flammability Class (Contact Bearer):	UL 94 HB
Molded Body Material:	Thermoplastic Polyurethane (TPU)
Molded Body Color:	Yellow
Flammability Class (Molded Body):	UL 94 HB
Attachment Material:	Brass (CuZn)
Attachment Plating:	Nickel (Ni)
O-Ring Material:	FKM
Fastening Torque (Attachment):	M 12x1: (50-60) Ncm, hand-tight
Note:	Do not connect or disconnect under load.

Technical Data Side 2

Product Sub Family, Side 2:	M12 Splitter	
Type of Contact / Gender, Side 2:	Socket / Female	
Connector Design, Side 2:	Straight	
Attachment Type, Side 2:	Coupling Nut	
Number of Pins, Side 2:	4	
Coding, Side 2:	A	
Contact Resistance, Side 2:	≤ 5 mOhm	
Insulation Resistance, Side 2:	> 10^9 Ohm	
Mating Cycles, Side 2:	≤ 100	
Ambient Temperature (Operation), Side 2*:	- 40 °C - + 90 °C	
Protection Degree / IP Rating, Side 2**:	IP65, IP67	
Design Standard, Side 2:	IEC 61076-2-101	
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)	
Overvoltage Category, Side 2:	II acc. to DIN EN 60664-1 (VDE 0110-1)	
Contact Base Material, Side 2:	Brass (Cu/Zn)	
Contact Plating, Side 2:	Nickel-plated (Ni)	
Contact Bearer Material, Side 2:	Polyurethane (PUR)	
Contact Bearer Color, Side 2:	Black	
Flammability Class (Contact Bearer), Side 2:	UL 94 HB	
Molded Body Material, Side 2:	Thermoplastic Polyurethane (TPU)	
Molded Body Color, Side 2:	Yellow	
Flammability Class (Molded Body), Side 2:	UL 94 HB	
Attachment Material, Side 2:	Brass (CuZn)	
Attachment Plating, Side 2:	Nickel (Ni)	
O-Ring Material, Side 2:	FKM	
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight	
Note, Side 2:	Do not connect or disconnect under load.	

Safety & Environmental Compliance

RoHS Compliant:	Yes

Notes

Variants

Item #	Item Description	Cable Length
600005626	ASB 2-RKT 4-3-643/1M	1 m
600005627	ASB 2-RKT 4-3-643/0.3M	0.3 m
600005628	ASB 2-RKT 4-3-643/0.6M	0.6 m
600006609	ASB 2-RKT 4-3-643/2M	2 m
600006610	ASB 2-RKT 4-3-643/5M	5 m

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