

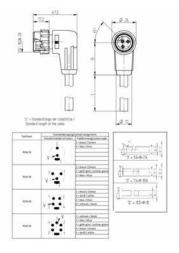
Part Number: RSW 50-04

7/8" Power Single-Ended Cordset: Male, angled, 5-pin(4+PE), orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 mm²

Product Description

7/8" Power Single-Ended Cordset: Male, angled, 5-pin(4+PE), orange body, 230 V AC/DC, 9 A; PVC orange cable, 0.50 mm²

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	7/8" Circular Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, single ended
Type of Contact / Gender:	male
Connector Design:	angled
Number of Pins:	5(4+PE)
Shielding:	Unshielded
Attachment Type:	Coupling Screw
Rated Voltage:	250 V AC/DC
Operating Voltage:	230 V AC/DC
Rated Current:	9 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Ambient Temperature (Operation):	-40 °C to +90 °C
Protection Degree / IP Rating:	IP68 (2h at 10 bar)
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Au
Contact Bearer Material:	TPU

Contact Bearer Color:	orange
Molded Body Material:	TPU
Molded Body Color:	orange
Attachment Material:	PA, black

Cable Data

Cable Number:04Conductor Size:.50 mm²Number of Wires:5Minimal Bending Radius (Fixed Inst):>5 x DMinimal Bending Radius (Fixeble Inst):>10 x DConductor material:CuConductor material:PVCCable Jacket Material:orangeCable Jacket Color:of 8.80 ±0.20 mmVire Insulation Material:9.VCInsulated Wire Diameter:of 8.80 ±0.20 mmAmbient Temperature (Fixed Installation)+0 °C to +90 °CAmbient Temperature (Fixed Installation)+5 °C to +90 °CUL Cable Type:DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL WV-1; finame-retardant and self-extinguish		
Number of Wires:5Number of Wires:5 x DMinimal Bending Radius (Fixed Inst):> 5 x DMinimal Bending Radius (Fixed Inst):> 10 x DConductor material:CuCable Jacket Material:PVCCable Jacket Color:orangeCable Diameter D:06.80 ±0.20 mmWire Insulation Material:PVCInsulated Wire Diameter:01.80 mmAmbient Temperature (Fixed Installation)+0 °C to +90 °CAmbient Temperature (Fixed Installation)+5 °C to +90 °CAutor Type:AWM: 2654	Cable Number:	04
Name ParticularParticularMinimal Bending Radius (Fixed Inst):> 5 x DMinimal Bending Radius (Flexible Inst):> 10 x DConductor material:CuCable Jacket Material:PVCCable Jacket Color:orangeCable Diameter D:0 6.80 ±0.20 mmWire Insulation Material:PVCInsulated Wire Diameter:0 ±1.80 mmAmbient Temperature (Fixed Installation)±0 °C to ±90 °CAmbient Temperature (Fixed Installation)±5 °C to ±90 °CUL Cable Type:AWM: 2654	Conductor Size:	0.50 mm ²
Minimal Bending Radius (Flexible Inst);> 10 x DConductor material;CuCable Jacket Material;PVCCable Jacket Color;orangeCable Diameter D:06.80 ±0.20 mmVire Insulation Material;PVCInsulated Wire Diameter;01.80 mmAmbient Temperature (Fixed Installation)-40 °C to +90 °CAmbient Temperature (Fixed Installation)+5 °C to +90 °CUL Cable Type;AWM: 2654	Number of Wires:	5
Conductor material:CuCable Jacket Material:PVCCable Jacket Color:orangeCable Diameter D:06.80 ±0.20 mmWire Insulation Material:PVCInsulated Wire Diameter:01.80 mmAmbient Temperature (Fixed Installation)-40 °C to +90 °CAmbient Temperature (Fixed Installation)5 °C to +90 °CUL Cable Type:AWM: 2654	Minimal Bending Radius (Fixed Inst):	>5xD
Cable Jacket Material: PVC Cable Jacket Color: orange Cable Diameter D: ø 6.80 ±0.20 mm Wire Insulation Material: PVC Insulated Wire Diameter: ø 1.80 mm Ambient Temperature (Fixed Installation) +0 °C to +90 °C Ambient Temperature (Fixed Installation) +5 °C to +90 °C UL Cable Type: AWM: 2654	Minimal Bending Radius (Flexible Inst):	> 10 x D
Cable Jacket Color: orange Cable Diameter D: ø 6.80 ±0.20 mm Vire Insulation Material: PVC Insulated Wire Diameter: ø 1.80 mm Ambient Temperature (Fixed Installation): -40 °C to +90 °C Ambient Temperature (Fixed Installation): ± 5 °C to +90 °C UL Cable Type: AWM: 2654	Conductor material:	Cu
Cable Diameter D: Ø 6.80 ±0.20 mm Wire Insulation Material: PVC Insulated Wire Diameter: Ø 1.80 mm Ambient Temperature (Fixed Installation): -40 °C to +90 °C Ambient Temperature (Flex Installation): +5 °C to +90 °C UL Cable Type: AWM: 2654	Cable Jacket Material:	PVC
Wire Insulation Material: PVC Insulated Wire Diameter: Ø 1.80 mm Ambient Temperature (Fixed Installation): -40 °C to +90 °C Ambient Temperature (Flex Installation): +5 °C to +90 °C UL Cable Type: AWM: 2654	Cable Jacket Color:	orange
Insulated Wire Diameter: Ø 1.80 mm Ambient Temperature (Fixed Installation): -40 °C to +90 °C Ambient Temperature (Flex Installation): +5 °C to +90 °C UL Cable Type: AWM: 2654	Cable Diameter D:	ø 6.80 ±0.20 mm
Ambient Temperature (Fixed Installation): -40 °C to +90 °C Ambient Temperature (Flex Installation): + 5 °C to +90 °C UL Cable Type: AWM: 2654	Wire Insulation Material:	PVC
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Flammability Class (Cable Jacket): DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1; flame-retardant and self-extinguish	UL Cable Type:	AWM: 2654
	Flammability Class (Cable Jacket):	DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL VW-1; flame-retardant and self-extinguishing

Safety & Environmental Compliance

	RoHS Compliant:	yes
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Notes

Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector.
Note Derating:	* Notice derating
Note:	Do not connect / disconnect under load.

Variants

Item #	Item Description	Cable Length
98580	RSW 50-04/2 M	2 m
98581	RSW 50-04/5 M	5 m
Update and Revision:		

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