



 PRODUCT-DETAILS

OT160G3-3BS

OT160G3-3BS SWITCH DISCONNECTOR



General Information

Extended Product Type	OT160G3-3BS
Product ID	1SCA162522R1001
EAN	6417019925554
Catalog Description	OT160G3-3BS SWITCH DISCONNECTOR
Long Description	OT Plus Switch disconnecter series. 3-pole front operated base mounted DIN-rail mountable switch disconnecter suitable for panels with 45mm DIN cut-out. The switch disconnecter has inbuilt screw terminals and comes with direct-mounted knob handle that can be padlocked and shaft can be mounted for external operation.

Circular Value

End of Life Instructions	1SCC301146M0201
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Eco Transparency

Environmental Product Declaration - EPD	1SCC301334D0201
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Environmental

Environmental Information	1SCC301334D0201
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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	9AKK108468A5537 1SCC301020C0201
Instructions and Manuals	1SCC301127M0201
Mechanical Drawings	OT30_160G3_3BS.stp
Environmental Product Declaration - EPD	1SCC301334D0201
End of Life Instructions	1SCC301146M0201

Dimensions

Product Net Width	70 mm
Product Net Height	123 mm
Product Net Depth / Length	74.6 mm
Product Net Weight	0.399 kg

Technical

Rated Operational Current AC-21A (I_g)	(415 V) 160 A (690 V) 125 A (800 V AC) 80 A
Rated Operational Current AC-22A (I_g)	(415 V) 160 A (690 V) 125 A (800 V) 63 A
Rated Operational Current AC-23A (I_g)	(415 V) 125 A (690 V) 63 A
Rated Operational Power AC-23A (P_g)	(415 V) 55 kW (690 V) 55 kW
Conventional Free-air Thermal Current (I_{th})	160 A
Conventional Thermal Current (I_{the})	160 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	acc. to IEC 60947-1 800 V

Rated Operational Voltage	Main Circuit 800 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 4.8 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 kA for 0.2 s 3.3 kA
Rated Conditional Short-Circuit Current (I_{nc})	(160 A fuse, 400 V) 5 kA (125 A fuse, 415 V) 50 kA (80 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 7.3 W
Pollution Degree	3
Handle Color	Black
Handle Length	37 mm
Handle Type	Knob Handle External handle and shaft not included
Switches Operating Mechanism	Mechanism on Top of the Switch
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC60947-3
Special Functions	No
Mounting Type	Base/DIN mounting
Number of Poles	3
Connecting Capacity Main Circuit	Flexible with Ferrule 1/2x Cu 2.5..4 mm ² Solid 1/2x Cu 2.5..6 mm ² Flexible 1x Cu 2.5..70 mm ² Flexible 2x Cu 2.5..25 mm ² Stranded 1x Cu 2.5..70 mm ² Stranded 2x Cu 2.5..25 mm ²
Wire Stripping Length	Main Circuit 16-18 mm Main Circuit 0.63-0.71 in
Recommended Screw Driver	Main Circuit Hexagon 4
Degree of Protection	Front IP20
Maximum Mounted Auxiliary Contacts	4 NO, 4 NC
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	Nr. Operations 100000
Lock Type	Yes

Technical UL/CSA

Wire Stripping Length	Main Circuit 16-18 mm Main Circuit 0.63-0.71 in
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	acc. IEC 60947-1 6 N·m
Tightening Torque UL/CSA	UL 53 lbf·in

Certificates and Declarations

CCC Certificate	CCC OT30-160G3
Declaration of Conformity - CE	1SCC301328D2701
UL Certificate	cULus certificate OT OTC30-100G3

Container Information

Package Level 1 Units	box 1 piece
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Package Level 1 Width	76 mm
Package Level 1 Depth / Length	129 mm
Package Level 1 Height	79 mm
Package Level 1 Gross Weight	0.453 kg
Package Level 1 EAN	6417019925554
Package Level 2 Units	box 10 piece
Package Level 2 Width	398 mm
Package Level 2 Depth / Length	280 mm
Package Level 2 Height	93 mm
Package Level 2 Gross Weight	4.53 kg

Classifications

Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

