



PRODUCT-DETAILS

# OTC80G3-4BS

## OTC80G3-4BS CHANGE-OVER SWITCH



General Information	
Extended Product Type:	OTC80G3-4BS
Product ID:	1SCA162746R1001
EAN:	6417019928142
Catalog Description:	OTC80G3-4BS CHANGE-OVER SWITCH
Long Description:	OT Plus Switch disconnecter series. 4-pole front operated base mounted DIN-rail mountable change-over switch. The change-over switch has inbuilt screw terminals and comes with direct-mounted knob handle that can be padlocked and shaft can be mounted for external operation.
Display Name:	OTC80G3-4BS

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

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## Environmental

Degree of Protection: Front IP20

Pollution Degree: 3

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## Ordering

Minimum Order Quantity: 1 piece

Customs Tariff Number: 85363030

Country of Origin: Finland

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## Dimensions

Product Net Width: 123 mm

Product Net Height: 191 mm

Product Net Depth / Length: 95 mm

Product Net Weight: 1.100 kg

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## Container Information

Package Level 1 Units: box 1 piece

Package Level 1 Width: 102 mm

Package Level 1 Depth / Length: 195 mm

Package Level 1 Height: 127 mm

Package Level 1 EAN: 6417019928142

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## Technical

Connecting Capacity Main Circuit: Flexible with Ferrule 1/2x Cu 2.5...4 mm<sup>2</sup>  
 Solid 1/2x Cu 2.5...6 mm<sup>2</sup>  
 Flexible 1x Cu 2.5...70 mm<sup>2</sup>  
 Flexible 2x Cu 2.5...25 mm<sup>2</sup>  
 Stranded 1x Cu 2.5...70 mm<sup>2</sup>  
 Stranded 2x Cu 2.5...25 mm<sup>2</sup>

Conventional Free-air Thermal Current (I<sub>th</sub>): 80 A

Conventional Thermal Current (I<sub>the</sub>): 80 A

Fourth Pole Position: Right Side  
 Left Side

Fourth Pole Type: Switched - Simultaneous Function  
 Switched - Late-break and Early-make

Handle Color: Black

Handle Length: 57 mm

<b>Handle Type:</b>	Knob
<b>Lock Type:</b>	Padlockable
<b>Maximum Mounted Auxiliary Contacts:</b>	2 NO, 2 NC
<b>Mounting Type:</b>	Base/DIN mounting
<b>Number of Poles:</b>	4P
<b>Operating Mode:</b>	Front
<b>Position of Line Terminals:</b>	Top In - Bottom Out Bottom In - Top Out
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 2.5 W
<b>Rated Conditional Short-Circuit Current (<math>I_{nc}</math>):</b>	(80 A fuse, 690 V) 25 kA
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC 60947-1 800 V
<b>Rated Operational Current AC-21A (<math>I_e</math>):</b>	(415 V) 80 A (690 V) 80 A (800 V) 63 A
<b>Rated Operational Current AC-22A (<math>I_e</math>):</b>	(415 V) 80 A (690 V) 80 A (800 V) 40 A
<b>Rated Operational Current AC-23A (<math>I_e</math>):</b>	(415 V) 80 A (690 V) 50 A
<b>Rated Operational Power AC-23A (<math>P_e</math>):</b>	(415 V) 45 kW (690 V) 45 kW
<b>Rated Operational Voltage:</b>	Main Circuit 800 V
<b>Rated Short-Circuit Making Capacity (<math>I_{cm}</math>):</b>	(690 V) 4.8 kA
<b>Rated Short-time Withstand Current Low Voltage (<math>I_{cw}</math>):</b>	for 1 s 2.5 kA for 0.2 s 3.2 kA
<b>Recommended Screw Driver:</b>	Main Circuit Hexagon 4
<b>Special Functions:</b>	No
<b>Standards:</b>	IEC60947-3
<b>Switches Operating Mechanism:</b>	Mechanism on Top of the Switch
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	acc. IEC 60947-1 6 N·m
<b>Wire Stripping Length:</b>	Main Circuit 16-18 mm Main Circuit 0.63-0.71 in

## Technical UL/CSA

<b>Tightening Torque UL/CSA:</b>	UL 53 N·m
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## Certificates and Declarations

<b>CCC Certificate:</b>	CCC OTC30-160G3
<b>Declaration of Conformity - CE:</b>	1SCC303136D2701

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## External Classifications and Standards

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<b>Object Classification Code:</b>	Q
<b>ETIM 9:</b>	EC000216 - Switch disconnecter (low voltage)
<b>ETIM 10:</b>	EC000216 - Switch disconnecter (AC)
<b>UNSPSC:</b>	39122233
<b>IDEA Granular Category Code (IGCC):</b>	5290 >> Disconnect switch
<b>eClass:</b>	V11.1 : 27371403
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>E-Number (Finland):</b>	36
<b>E-Number (Norway):</b>	4384820

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## Categories

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Products > Low Voltage Products and Systems > Switches > Change-over and Transfer Switches > Manual Change-over Switches

