



PRODUCT-DETAILS

OTC80G2-4BS

OTC80G2-4BS CHANGE-OVER SWITCH



General Information

Extended Product Type:	OTC80G2-4BS
Product ID:	1SCA162738R1001
EAN:	6417019928067
Catalog Description:	OTC80G2-4BS 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:	OTC80G2-4BS

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

Environmental

Degree of Protection:	Front IP20
Pollution Degree:	3

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85363030
Country of Origin:	Finland

Dimensions

Product Net Width:	91.5 mm
Product Net Height:	140 mm
Product Net Depth / Length:	96 mm
Product Net Weight:	0.704 kg

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	100 mm
Package Level 1 Depth / Length:	144 mm
Package Level 1 Height:	96 mm
Package Level 1 EAN:	6417019928067

Technical

Connecting Capacity Main Circuit:	Flexible with Ferrule 1/2x Cu 1.5...4 mm ² Solid 1/2x Cu 1.5...6 mm ² Flexible 1x Cu 1.5...35 mm ² Flexible 2x Cu 1.5...16 mm ² Stranded 1x Cu 1.5...35 mm ² Stranded 2x Cu 1.5...16 mm ²
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Conventional Free-air Thermal Current (I _{th}):	80 A
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Conventional Thermal Current (I _{the}):	80 A
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Fourth Pole Position:	Right Side Left Side
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Fourth Pole Type:	Switched - Simultaneous Function Switched - Late-break and Early-make
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Handle Color:	Black
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Handle Length:	57 mm
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Handle Type:	Knob
Lock Type:	Padlockable
Maximum Mounted Auxiliary Contacts:	2 NO, 2 NC
Mounting Type:	Base/DIN mounting
Number of Poles:	4P
Operating Mode:	Front
Position of Line Terminals:	Top In - Bottom Out Bottom In - Top Out
Power Loss:	at Rated Operating Conditions per Pole 3.4 W
Rated Conditional Short-Circuit Current (I_{nc}):	(80 A fuse, 690 V) 50 kA
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Rated Insulation Voltage (U_i):	acc. to IEC 60947-1 800 V
Rated Operational Current AC-21A (I_e):	(415 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A (I_e):	(415 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I_e):	(415 V) 65 A (690 V) 40 A
Rated Operational Power AC-23A (P_e):	(415 V) 45 kW (690 V) 37 kW
Rated Operational Voltage:	Main Circuit 800 V
Rated Short-Circuit Making Capacity (I_{cm}):	(690 V) 3.5 kA
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 1 s 1.5 kA for 0.2 s 2.5 kA
Recommended Screw Driver:	Main Circuit Pozidriv 2
Special Functions:	No
Standards:	IEC60947-3 UL60947-4-1 CSA C22.2 No.14
Switches Operating Mechanism:	Mechanism on Top of the Switch
Terminal Type:	Screw Terminals
Tightening Torque:	acc. IEC 60947-1 2 N·m
Wire Stripping Length:	Main Circuit 13-16 mm Main Circuit 0.51-0.63 in

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	600 V
Ampere Rating:	80 A
Horsepower Rating UL/CSA:	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 10 Hp (440 ... 480 V AC) Single Phase 20 Hp (550 ... 600 V AC) Single Phase 20 Hp (110 ... 120 V AC) Three Phase 5 Hp (240 V AC) Three Phase 20 Hp (440 ... 480 V AC) Three Phase 40 Hp (550 ... 600 V AC) Three Phase 40 Hp

Wire Size:	1x 16-2 AWG 2x 16-8 AWG
Tightening Torque UL/CSA:	UL 18 N·m

Certificates and Declarations

CCC Certificate:	CCC OTC63-80G2
Declaration of Conformity - CE:	1SCC303137D2701

External Classifications and Standards

Object Classification Code:	Q
ETIM 9:	EC000216 - Switch disconnecter (low voltage)
ETIM 10:	EC000216 - Switch disconnecter (AC)
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)
E-Number (Finland):	36
E-Number (Norway):	4384812

Categories

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

