

PRODUCT-DETAILS

OT160EV03

OT160EV03 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV03
Product ID	1SCA120509R1001
EAN	6417019518497
Catalog Description	OT160EV03 SWITCH-DISCONNECTOR
Long Description	OT switch-disconnectors are suitable for a wide range of demanding applications such as machinery, power distribution, switchboards and motor control center installations. These devices are globally available and comply with all relevant standards. The complete OT range is available from 16A to 4000A for IEC and 16A to 2000A for UL market. Thanks to their modular structure from 160A and upward, they also help to create purpose-built solutions with the right pole configuration and can be equipped with direct mount handles or side-operated. The smart design eliminates also the need of major customization for busbar connections which saves costs. The switches can be found in both manual and motorized applications. The complete range also include a comprehensive range of inbuilt safety features and offers snap-on accessories that saves installation time and costs.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301031M0220

Mechanical Drawings

1SCC307633F0001
 1SCC307632F0001
 OT200-250E03.stp
 OT200-250E03.igs

Dimensions

Product Net Width	150 mm
Product Net Height	145.5 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.3 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A (1000 V) 200 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 48 kW (400 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Conventional Free-air Thermal Current (I_{th})	$q = 40^\circ\text{C}$ 200 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 30 kA
Rated Short-time Withstand Current (I_{cw})	for 1 s 8 kA
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 15..22 N·m
Mechanical Durability	20000

Lock Type	No
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Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301149D0202

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
Environmental Information	1SCC301149D0202
Instructions and Manuals	1SCC301031M0220
RoHS Information	1SCC301149D0203

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm 6.7 in
Package Level 1 Depth / Length	190 mm 7.5 in
Package Level 1 Height	145 mm 5.7 in
Package Level 1 Gross Weight	1.4 kg 3.2 lb
Package Level 1 EAN	6417019518497

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

