PRODUCT-DETAILS

OT160EV12P

OT160EV12P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160EV12P
Product ID	1SCA120529R1001
EAN	6417019519906
Catalog Description	OT160EV12P SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconnector with black IP65 handle and shaft, terminal bolt kit included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC301265D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
SCIP	cd4700c3-cc64-4d9b-8e03-12ab9905205b Finland (FI)

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	1SCC301228F0001 1SCC301227F0001 OT200-250E12.igs

Dimensions

Product Net Width	150.5 mm
Product Net Height	150 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	1.5 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 °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 Low Voltage (I_{cw})	for 1 s 8 kA
Rated Conditional Short-Circuit Current (I_{nc})	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA (250 A fuse, 690 V) 100 kA
Power Loss	at Rated Operating Conditions per Pole 3.2 W
Pollution Degree	3

Handle Color	Black
Handle Type	Handle and shaft included
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
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	Yes

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 15 … 22 N·m

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301265D0201

Certificates and Declarations (Document Number)

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301131D2705
DNV GL Certificate	1SCC301174D0204
Environmental Information	1SCC301265D0201
Instructions and Manuals	1SCC301031M0220
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
UL Certificate	No certification needed
VDE Certificate	No certification needed

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	1.6 kg 3.6 lb
Package Level 1 EAN	6417019519906

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601364
E-Number (Sweden)	3170910

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

