

PRODUCT-DETAILS

OT800E12P

OT800E12P SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT800E12P
Product ID	1SCA022753R5170
EAN	6417019245119
Catalog Description	OT800E12P 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	1SCC301232D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

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	1SCC301042M0211
Mechanical Drawings	1SCC301340F0001 1SCC301339F0001 OT600_800E12.igs

Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	5.5 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A (1000 V) 800 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 250 kW (400 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 kW
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ °C}$ 800 A
Conventional Thermal Current (I_{the})	Fully Enclosed 800 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) 80 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 20 kA
Rated Conditional Short- Circuit Current (I_{nc})	(800 A fuse, 500 V) 100 kA (800 A fuse, 690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 40 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
Terminal Width	39 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Mechanical Durability	10000
Lock Type	Yes

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301232D0201

Certificates and Declarations (Document Number)

ATEX Certificate	No certification needed
BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203
Environmental Information	1SCC301232D0201
Instructions and Manuals	1SCC301042M0211
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	260 mm
Package Level 1 Depth / Length	335 mm
Package Level 1 Height	152 mm
Package Level 1 Gross Weight	6.5 kg
Package Level 1 EAN	6417019245119

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter

ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3660788
E-Number (Sweden)	3171228

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

