PRODUCT-DETAILS

OT630E12

OT630E12 SWITCH-DISCONNECTOR

General Information

Extended Product Type	OT630E12
Product ID	1SCA022776R3120
EAN	6417019252674
Catalog Description	OT630E12 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included

ABB EcoSolutions

End Of Life Disassembling Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201

© 2025 ABB. All rights reserved.

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

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301042M0211
Mechanical Drawings	1SCC301320F0001 1SCC301319F0001 OT600_800E12.igs
Environmental Product Declaration - EPD	1SCC301284D0201

Environmental

Degree of Protection	Front IP00
Environmental Information	1SCC301232D0201
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of Origin	Finland

Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	140 mm
Product Net Weight	6.1 kg

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	6417019252674

© 2025 ABB. All rights reserved.

Technical

Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 630 A
Conventional Thermal Current (I_{the})	Fully Enclosed 630 A
Degree of Protection	Front IP00
Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Mechanical Durability	10000
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 25 W
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 200 kW (400 ... 415 V) 355 kW (500 V) 400 kW (690 V) 630 kW
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
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism Between the Poles 12 (Between the Poles)
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 … 75 N·m

Technical UL/CSA

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

Certificates and Declarations

© 2025 ABB. All rights reserved.

A2L Certificate – IEC	1SCC301337D0201
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122233
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

© 2025 ABB. All rights reserved.