PRODUCT-DETAILS

OT630ES04

OT630ES04 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT630ES04
Product ID	1SCA022860R2410
EAN	6417019308951
Catalog Description	OT630ES04 SWITCH-DISCONNECTOR
Long Description	4-pole, side operated, base mounted switch-diconnector, handle and shaft are not included, terminal bolt kit included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

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Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

Environmental Product Declaration - EPD	1SCC301284D0201

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	1SCC301071M0205
Mechanical Drawings	1SCC301674F0001 1SCC301673F0001 OT800ES04.igs
Environmental Product Declaration - EPD	1SCC301284D0201
End of Life Instructions	1SCC301119M0201

Dimensions

Product Net Width	381 mm
Product Net Height	250 mm
Product Net Depth / Length	130 mm
Product Net Weight	8.5 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 630 A (500 V) 630 A (690 V) 630 A (1000 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
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 630 A
Conventional Thermal Current (I_{the})	Fully Enclosed 630 A
Rated Impulse	12 kV

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Withstand Voltage (U_{imp})	
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 25 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Fourth Pole Position	Right Side
Fourth Pole Type	Switched - Simultaneous Function
Switches Operating Mechanism	Mechanism at the End of the Switch 04 (Left Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Side operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	4
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Tightening Torque	acc. IEC 60947-1 50 … 75 N·m
Mechanical Durability	10000
Lock Type	No

Technical UL/CSA

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

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301232D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203
REACH Declaration	1SCC011021D0201
UL Certificate	No certification needed

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VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Depth / Length	420 mm
Package Level 1 Height	220 mm
Package Level 1 Gross Weight	9.2 kg
Package Level 1 EAN	6417019308951

Classifications

Object Classification Code	Q
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)	3660843

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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