PRODUCT-DETAILS

OT160GT04

OT160GT04 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160GT04
Product ID	1SCA135137R1001
EAN	6417019638386
Catalog Description	OT160GT04 SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, door mounted switch-diconnector with protected clamp terminals, handle and shaft are not included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301116M0201
Environmental Information	1SCC301267D0201
Environmental Product Declaration - EPD	1SCC301281D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201

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Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

Environmental Product Declaration - EPD	1SCC301281D0201

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	1SCC301089M0204
Mechanical Drawings	OT160GT4_model.igs
Environmental Product Declaration - EPD	1SCC301281D0201
End of Life Instructions	1SCC301116M0201

Dimensions

Product Net Width	150 mm
Product Net Height	130 mm
Product Net Depth / Length	75 mm
Product Net Weight	1 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (500 V) 160 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) 45 kW (400 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage	acc. to IEC/EN 60664-1 1000 V

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(U_i)	
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 12 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 4 kA
Rated Conditional Short-Circuit Current (I_{nc})	(200 A fuse, 500 V) 100 kA (200 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 6.5 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	Front and side operated
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
Special Functions	No
Mounting Type	Door mounting
Number of Poles	4
Cable Cross-Section	Cu 10 ... 70 mm^2
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	125 A
Horsepower Rating UL/CSA	(240 V AC) Single Phase 20 Hp (440 ... 480 V AC) Single Phase 30 Hp
Tightening Torque	acc. IEC 60947-1 6 N·m
Tightening Torque UL/CSA	53 in·lb

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301267D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of	1SCC301210D2701

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Conformity - CE	
DNV GL Certificate	1SCC301174D0204
REACH Declaration	1SCC011021D0201
UL Certificate	cULus certificate OT160G
VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	160 mm 6.3 in
Package Level 1 Depth / Length	244 mm 9.6 in
Package Level 1 Height	96 mm 3.8 in
Package Level 1 Gross Weight	1.1 kg 2.4 lb
Package Level 1 EAN	6417019638386

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5293 >> Switch disconnector
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

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