



PRODUCT-DETAILS

OT160G03K

OT160G03K SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT160G03K
Product ID	1SCA138208R1001
EAN	6417019666181
Catalog Description	OT160G03K SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconnector with protected clamp terminals and with black direct mount handle

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

Toxic Substances Control Act - TSCA	1SCC011025D0201
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Eco Transparency

Environmental Product Declaration - EPD	1SCC301281D0201
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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	OT160G03K.igs
Environmental Product Declaration - EPD	1SCC301281D0201
End of Life Instructions	1SCC301116M0201

Dimensions

Product Net Width	123 mm
Product Net Height	130 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.8 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

(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 Color	Black
Handle Type	Direct mounted pistol type handle
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (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	Base mounting
Number of Poles	3
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	Yes

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 Conformity - CE	1SCC301210D2701

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	0.9 kg 2 lb
Package Level 1 EAN	6417019666181

Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	3171057

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

