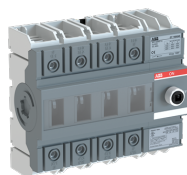


PRODUCT-DETAILS

OT160G40

OT160G40 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT160G40
Product ID	1SCA138213R1001
EAN	6417019666235
Catalog Description	OT160G40 SWITCH-DISCONNECTOR
Long Description	4-pole, front operated, base mounted switch-diconductor with protected clamp terminals, handle and shaft are not included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Environmental Information	1SCC301267D0201
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	1SCC301089M0204
Mechanical Drawings	OT160G4_model.igs

Dimensions

Product Net Width	150 mm
Product Net Height	130 mm
Product Net Depth / Length	73 mm
Product Net Weight	1 kg

Technical

Rated Operational Current AC-21A (I_g)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-22A (I_g)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_g)	(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})	$\Theta = 40\text{ °C}$ 160 A
Conventional Thermal Current (I_{the})	Fully Enclosed 160 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) 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 40 (Right 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	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

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
Package Level 1 Depth / Length	244 mm
Package Level 1 Height	96 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	6417019666235

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)	5290 >> Disconnect switch
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

