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**PRODUCT-DETAILS**

## OT160G03

### OT160G03 SWITCH-DISCONNECTOR



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**General Information**

Extended Product Type	OT160G03
Product ID	1SCA135134R1001
EAN	6417019638355
Catalog Description	OT160G03 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-disconnector with protected clamp terminals, handle and shaft are not included

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**Ordering**

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

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**Popular Downloads**

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301089M0204
Mechanical Drawings	OT160G3_model.igs

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**Dimensions**

Product Net Width	123 mm
Product Net Height	130 mm
Product Net Depth /	73 mm

Length	
Product Net Weight	0.8 kg

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### Technical

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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 ( $I_{th}$ )	$q = 40^{\circ}\text{C}$ 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
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 <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6 N·m
Mechanical Durability	20000
Lock Type	No

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### Technical UL/CSA

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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

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## Environmental

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<u>RoHS Status</u>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<u>Environmental Information</u>	<u>ISCC301267D0201</u>

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## Certificates and Declarations (Document Number)

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<u>ATEX Certificate</u>	No certification needed
<u>Declaration of Conformity</u>	<u>ISCC301210D2701</u>
- CE	
<u>DNV GL Certificate</u>	<u>ISCC301174D0204</u>
<u>Environmental Information</u>	<u>ISCC301267D0201</u>
<u>Instructions and Manuals</u>	<u>ISCC301089M0204</u>
<u>REACH Declaration</u>	<u>ISCC011021D0201</u>
<u>RoHS Information</u>	<u>ISCC011020D0201</u>
<u>UL Certificate</u>	cULus certificate OT160G
<u>VDE Certificate</u>	No certification needed

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## Container Information

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<u>Package Level 1 Units</u>	box 1 piece
<u>Package Level 1 Width</u>	160 mm 6.3 in
<u>Package Level 1 Depth / Length</u>	244 mm 9.6 in
<u>Package Level 1 Height</u>	96 mm 3.8 in
<u>Package Level 1 Gross Weight</u>	0.9 kg 1.9 lb
<u>Package Level 1 EAN</u>	<u>6417019638355</u>

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## Classifications

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<u>Object Classification Code</u>	Q
<u>ETIM 5</u>	EC000216 - Switch disconnector
<u>ETIM 6</u>	EC000216 - Switch disconnector
<u>ETIM 7</u>	EC000216 - Switch disconnector
<u>ETIM 8</u>	EC000216 - Switch disconnector
<u>UNSPSC</u>	39122233
<u>eClass</u>	V11.1 : 27371403
<u>WEEE Category</u>	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

