



## PRODUCT-DETAILS

**OT160G3-3DS****OT160G3-3DS SWITCH DISCONNECTOR****General Information**

<b>Extended Product Type:</b>	OT160G3-3DS
<b>Product ID:</b>	1SCA162532R1001
<b>EAN:</b>	6417019925653
<b>Catalog Description:</b>	OT160G3-3DS SWITCH DISCONNECTOR
<b>Long Description:</b>	OT Plus Switch disconnecter series. 3-pole front operated door mounted switch disconnecter. The switch disconnecter has inbuilt screw terminals. Handle is not included.
<b>Display Name:</b>	OT160G3-3DS

**ABB EcoSolutions**

<b>ABB EcoSolutions:</b>	Yes
<b>End Of Life Disassembling Instructions:</b>	1SCC301146M0201
<b>Environmental Information:</b>	1SCC301334D0201
<b>Environmental Product Declaration - EPD:</b>	1SCC301334D0201

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## Material Compliance

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<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>REACH Declaration:</b>	1SCC011021D0201
<b>RoHS Declaration:</b>	1SCC011020D0201
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Toxic Substances Control Act - TSCA:</b>	1SCC011025D0201

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## Popular Downloads

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<b>Data Sheet, Technical Information:</b>	9AKK108468A5537 1SCC301020C0201
<b>Instructions and Manuals:</b>	1SCC301127M0201
<b>Mechanical Drawings:</b>	OT30_160G3_3DS.stp

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## Environmental

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<b>Degree of Protection:</b>	Front IP20
<b>Pollution Degree:</b>	3

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## Ordering

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<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85363090
<b>Country of Origin:</b>	Finland

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## Dimensions

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<b>Product Net Width:</b>	70 mm
<b>Product Net Height:</b>	102.5 mm
<b>Product Net Depth / Length:</b>	70 mm
<b>Product Net Weight:</b>	0.412 kg

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## Container Information

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<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	76 mm
<b>Package Level 1 Depth / Length:</b>	109 mm
<b>Package Level 1 Height:</b>	74 mm
<b>Package Level 1 Gross Weight:</b>	0.462 kg
<b>Package Level 1 EAN:</b>	6417019925653
<b>Package Level 2 Units:</b>	carton 10 piece

Package Level 2 Width:	398 mm
Package Level 2 Depth / Length:	280 mm
Package Level 2 Height:	93 mm
Package Level 2 Gross Weight:	4.62 kg

## Technical

Color:	Grey
Connecting Capacity Main Circuit:	Flexible with Ferrule 1/2x Cu 2.5...4 mm <sup>2</sup> Solid 1/2x Cu 2.5...6 mm <sup>2</sup> Flexible 1x Cu 2.5...70 mm <sup>2</sup> Flexible 2x Cu 2.5...25 mm <sup>2</sup> Stranded 1x Cu 2.5...70 mm <sup>2</sup> Stranded 2x Cu 2.5...25 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> 160 A):	
Conventional Thermal Current (I <sub>the</sub> ):	160 A
Handle Type:	Handle Not Included
Maximum Mounted Auxiliary Contacts:	4 NO, 4 NC
Mechanical Durability:	Nr. Operations 100000
Mounting Type:	Door mounting
Number of Poles:	3P
Operating Mode:	Front
Position of Line Terminals:	Top In - Bottom Out Bottom In - Top Out
Power Loss:	at Rated Operating Conditions per Pole 7.3 W
Rated Conditional Short-Circuit Current (I <sub>nc</sub> ):	(160 A fuse, 400 V) 5 kA (125 A fuse, 415 V) 50 kA (80 A fuse, 690 V) 50 kA
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8 kV
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC 60947-1 800 V
Rated Operational Current AC-21A (I <sub>e</sub> ):	(415 V) 160 A (690 V) 125 A (800 V AC) 80 A
Rated Operational Current AC-22A (I <sub>e</sub> ):	(415 V) 160 A (690 V) 125 A (800 V) 63 A
Rated Operational Current AC-23A (I <sub>e</sub> ):	(415 V) 125 A (690 V) 63 A
Rated Operational Power AC-23A (P <sub>e</sub> ):	(415 V) 55 kW (690 V) 55 kW
Rated Operational Voltage:	Main Circuit 800 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> ):	(690 V) 4.8 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> ):	for 1 s 2.5 kA for 0.2 s 3.3 kA
Recommended Screw Driver:	Main Circuit Hexagon 4
Special Functions:	No
Standards:	IEC60947-3

<b>Switches Operating Mechanism:</b>	Mechanism on Top of the Switch
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	acc. IEC 60947-1 6 N-m
<b>Wire Stripping Length:</b>	Main Circuit 16-18 mm Main Circuit 0.63-0.71 in

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## Technical UL/CSA

<b>Tightening Torque UL/CSA:</b>	UL 53 lbf-in
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## Certificates and Declarations

<b>CCC Certificate:</b>	CCC OT30-160G3
<b>Declaration of Conformity - CE:</b>	1SCC301328D2701
<b>DNV Certificate:</b>	1SCC301347D0201

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## External Classifications and Standards

<b>Object Classification Code:</b>	Q
<b>ETIM 9:</b>	EC000216 - Switch disconnecter (low voltage)
<b>ETIM 10:</b>	EC000216 - Switch disconnecter (AC)
<b>UNSPSC:</b>	39122233
<b>IDEA Granular Category Code (IGCC):</b>	5290 >> Disconnect switch
<b>eClass:</b>	V11.1 : 27371403
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>E-Number (Finland):</b>	3642580
<b>E-Number (Norway):</b>	4384748
<b>E-Number (Sweden):</b>	3172172

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## Categories

Products > Low Voltage Products and Systems > Switches > Switch Disconnectors

