

# OT160EV03P



Products Low Voltage Products and Systems Switches Switch Disconnectors

## General Information

<b>Extended Product Type:</b>	OT160EV03P
<b>Product ID:</b>	1SCA120514R1001
<b>EAN:</b>	6417019519746
<b>Catalog Description:</b>	OT160EV03P switch-disconnector
<b>Long Description:</b>	3-pole, front operated, base mounted switch-diconductor with black IP65 handle and shaft, terminal bolt kit included

## Additional Information

<b>Conventional Free-air Thermal Current (<math>I_{th}</math>):</b>	q = 40 °C 200 A
<b>Conventional Thermal Current (<math>I_{the}</math>):</b>	Fully Enclosed 160 A
<b>Country of Origin:</b>	Finland (FI)
<b>Customs Tariff Number:</b>	85365080
<b>Data Sheet, Technical Information:</b>	1SCC301020C0201
<b>Declaration of Conformity - CE:</b>	1SCC301131D2705
<b>Dielectric Test Voltage:</b>	10000 V
<b>E-nummer:</b>	3170908
<b>EAN:</b>	6417019519746
<b>ETIM 5:</b>	EC000216 - Switch disconnector
<b>Earthing Switch Type:</b>	No Additional Type
<b>Environmental Information:</b>	1SCC301149D0202
<b>Handle Type:</b>	Handle and shaft included
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Includes:</b>	Handle and Shaft
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	1SCC301031M0213
<b>Invoice Description:</b>	OT160EV03P switch-disconnector
<b>Mechanical Endurance:</b>	10000 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Mounting Type:</b>	Base mounting
<b>Number of Poles:</b>	3
<b>Object Classification Code:</b>	Q
<b>Switches Operating Mechanism:</b>	Mechanism at the End of the Switch 03 (Left Side)
<b>Operating Mode:</b>	Front operated
<b>Package Level 1 EAN:</b>	6417019519746
<b>Package Level 1 Gross Weight:</b>	1.6 kg
<b>Package Level 1 Height:</b>	96 mm
<b>Package Level 1 Length:</b>	210 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	160 mm
<b>Pollution Degree:</b>	3
<b>Position of Line Terminals:</b>	Top In - Bottom Out
<b>Power Loss:</b>	at Rated Operating Conditions per Pole 3.2 W
<b>Price Category:</b>	Standard
<b>Product Main Type:</b>	OT160

Product main type:	OT 160
Product Name:	Switch-disconnector
Product Net Depth:	83 mm
Product Net Height:	150 mm
Product Net Weight:	1.6 kg
Product Net Width:	146 mm
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	12 kV
Rated Insulation Voltage ( $U_i$ ):	1000 V
Rated Operational Current AC-21A ( $I_b$ ):	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 200 A (1000 V) 200 A
Rated Operational Current AC-22A ( $I_b$ ):	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A ( $I_b$ ):	(500 V) 160 A (380 ... 415 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A ( $P_e$ ):	(380 ... 415 V) 80 kW (500 V) 112 kW (690 V) 144 kW
Rated Operational Voltage:	1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ ):	(690 V AC) 30 kA
Rated Short-time Withstand Current ( $I_{cw}$ ):	for 1 s 8 kiloampere rms
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
Selling Unit of Measure:	piece
Short Description:	Front operated switch-disconnector, 3-pole, 160 A, pistol handle
Special Functions:	No
Standards:	IEC 60947-3
Terminal Type:	Lug terminals
Tightening Torque:	15 ... 22 N·m
Distance Between Phases:	Standard

