

# OT100F3

ABB contact for Canada [Print to Pdf..](#)

## General Information

<b>Extended Product Type:</b>	OT100F3
<b>Product ID:</b>	1SCA105004R1001
<b>EAN:</b>	6417019391359
<b>Catalog Description:</b>	OT100F3 Switch-disconnector
<b>Long Description:</b>	Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20.



## Categories

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

## Ordering

<b>EAN:</b>	6417019391359
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85365080

## Dimensions

<b>Product Net Width:</b>	70 mm
<b>Product Net Height:</b>	100 mm
<b>Product Net Depth:</b>	74 mm
<b>Product Net Weight:</b>	0.4 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	81 mm
<b>Package Level 1 Height:</b>	86 mm
<b>Package Level 1 Length:</b>	112 mm
<b>Package Level 1 Gross Weight:</b>	0.4 kg
<b>Package Level 1 EAN:</b>	6417019391359

## Environmental

<b>RoHS Status:</b>	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01
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## Technical UL/CSA

<b>Ampere Rating UL/CSA:</b>	100 A
<b>Horse Power Rating UL/CSA:</b>	acc. to UL 200V 25 Hp acc. to UL 208V 25 Hp acc. to UL 240V 30 Hp acc. to UL 480V 50 Hp acc. to UL 600V 50 Hp

## Additional Information

<b>Cable Cross-Section:</b>	10...70 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (<math>I_{th}</math>):</b>	q=40°C 115 A
<b>Conventional Thermal Current (<math>I_{the}</math>):</b>	Fully Enclosed 115 A
<b>Earthing Switch Type:</b>	No Additional Type
<b>Handle Type:</b>	None
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Includes:</b>	None
<b>Mounting Type:</b>	Modular
<b>Number of Poles:</b>	3
<b>Operating Mechanism:</b>	Mechanism on top of the switch
<b>Operating Mode:</b>	Front Operated
<b>Pollution Degree:</b>	3
<b>Position of Line Terminals:</b>	Top in - bottom out
<b>Power Loss:</b>	Per Pole 0.36 W
<b>Product Main Type:</b>	OT
<b>Product Name:</b>	Switch-disconnectors
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	750 V
<b>Rated Operational Current AC-21A (<math>I_e</math>):</b>	(380 ... 415V) 100 A (690V) 100 A (500V) 100 A
<b>Rated Operational Current AC-22A (<math>I_e</math>):</b>	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
<b>Rated Operational Current AC-23A (<math>I_e</math>):</b>	(690 V) 40 A (380 ... 415 V) 80 A (500 V) 60 A
<b>Rated Operational Power AC-23A (<math>P_e</math>):</b>	(220 ... 240V) 22 kW (400V) 37 kW (415V) 37 kW (500V) 37 kW (690V) 37 kW
<b>Rated Operational Voltage:</b>	750 V
<b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b>	for 1.0s 2.5 kiloampere rms
<b>Special Functions:</b>	No
<b>Standards:</b>	IEC
<b>Terminal Type:</b>	Screw Terminals

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### Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	1SCC301168D0201
<b>RoHS Information:</b>	1SCC301183D0201

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### Classifications

<b>E-nummer:</b>	3170942
<b>ETIM 5.0:</b>	EC000216 - Switch disconnecter
<b>Object Classification Code:</b>	Q

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