

Product Guide » ABB1SCA105004R1001

## OT100F3

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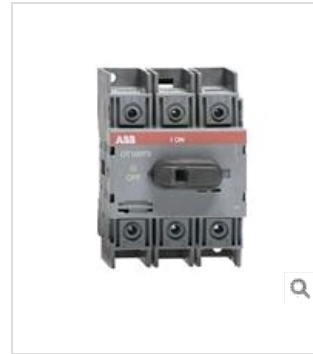
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### General Information

Extended Product Type:	OT100F3
Product ID:	1SCA105004R1001
EAN:	6417019391359
Catalog Description:	OT100F3 Switch-disconnector
Long Description:	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

EAN:	6417019391359
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

### Dimensions

Product Net Width:	70 mm
Product Net Height:	100 mm
Product Net Depth:	74 mm
Product Net Weight:	0.4 kg

### Container Information

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

### Environmental

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

Ampere Rating UL/CSA:	100 A
Horse Power Rating UL/CSA:	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

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

### Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SCC301168D0201
RoHS Information:	1SCC301183D0201

### Classifications

E-nummer:	3170942
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ETIM 5.0: EC000216 - Switch disconnecter

Object Classification Code: Q

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