

# OT125F3

## General Information

<b>Extended Product Type:</b>	OT125F3
<b>Product ID:</b>	1SCA105033R1001
<b>EAN:</b>	6417019391632
<b>Catalog Description:</b>	OT125F3 switch-disconnector
<b>Long Description:</b>	3-pole, front operated, base mounted, DIN-rail mountable switch-disconnector with protected clamp terminals, handle and shaft are not included

## Categories

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

## Ordering

<b>Minimum Order Quantity:</b>	10 piece
<b>Customs Tariff Number:</b>	85365080

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	<a href="#"><u>1SCC301020C0201</u></a>
<b>Instructions and Manuals:</b>	<a href="#"><u>1SCC301058M0001</u></a>

## Dimensions

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

## Technical

<b>Rated Operational Current AC-21A (<math>I_e</math>):</b>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-22A (<math>I_e</math>):</b>	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
<b>Rated Operational Current AC-23A (<math>I_e</math>):</b>	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
<b>Rated Operational Power AC-23A (<math>P_e</math>):</b>	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
<b>Conventional Free-air Thermal Current (<math>I_{th}</math>):</b>	q = 40 °C 125 A
<b>Conventional Thermal Current (<math>I_{the}</math>):</b>	Fully Enclosed 125 A
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV

**Rated Insulation Voltage** 750 V  
( $U_i$ ):

**Rated Operational Voltage:** 750 V

**Rated Short-Circuit Making** (690 V AC) 3.6 kA  
**Capacity** ( $I_{cm}$ ):

**Rated Short-time** for 1 s 2.5 kiloampere rms  
**Withstand Current** ( $I_{cw}$ ):

**Power Loss:** at Rated Operating Conditions per Pole 6.3 W  
at Rated Operating Conditions per Pole 0.36 W

**Pollution Degree:** 3

**Handle Type:** Knob, Handle and shaft not included

**Switches Operating Mechanism:** Mechanism on Top of the Switch

**Distance Between Phases:** Standard

**Position of Line Terminals:** Top In - Bottom Out  
Bottom In - Top Out

**Operating Mode:** Front operated

**Standards:** IEC 60947-3

**Special Functions:** No

**Mounting Type:** Base mounting

**Number of Poles:** 3

**Cable Cross-Section:** 10 ... 70 mm<sup>2</sup>

**Terminal Type:** Screw Terminals

**Tightening Torque:** 6 N·m

## Technical UL/CSA

**Horsepower Rating** (acc. to UL 200 V) 25 Hp  
**UL/CSA:** (acc. to UL 480 V) 50 Hp  
(acc. to UL 240 V) 30 Hp  
(acc. to UL 208 V) 25 Hp  
(acc. to UL 600 V) 50 Hp

**Ampere Rating UL/CSA:** 100 A

## Environmental

**Environmental Information:** 1SCC301183D0201

## Certificates and Declarations (Document Number)

**Declaration of Conformity** - 1SCC301168D2702  
**CE:**

**Environmental Information:** 1SCC301183D0201

**Instructions and Manuals:** 1SCC301058M0001

**RoHS Information:** 1SCC301183D0201

## Container Information

**Package Level 1 Units:** 1 piece

**Package Level 1 Width:** 81 mm

Package Level 1 Depth / Length:	112 mm
Package Level 1 Height:	86 mm
Package Level 1 Gross Weight:	0.4 kg
Package Level 1 EAN:	6417019391632

Classifications

E-nummer:	3170943
Object Classification Code: Q	
ETIM 5:	EC000216 - Switch disconnecter
ETIM 6:	EC000216 - Switch disconnecter
ETIM 7:	EC000216 - Switch disconnecter

