

PRODUCT-DETAILS

# OT63F3U

## OT63F3U SWITCH-DISCONNECTOR



### General Information

Extended Product Type	OT63F3U
Product ID	1SCA105364R1001
EAN	6417019393087
Catalog Description	OT63F3U SWITCH-DISCONNECTOR
Long Description	Front operated switch-disconnector. Types OT 16...125 include protected terminal clamps, IP 20.

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

### Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301065M0205
Mechanical Drawings	1SCC301450F0001 1SCC301449F0001 OT63-80F3U.stp OT63-80F3.igs

## Dimensions

Product Net Width	52.5 mm
Product Net Height	91.5 mm
Product Net Depth / Length	72.5 mm
Product Net Weight	0.24 kg

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 63 A (500 V) 63 A (690 V) 63 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 63 A (500 V) 63 A (690 V) 63 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 63 A (500 V) 45 A (690 V) 20 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 11 kW (400 ... 415 V) 22 kW (500 V) 22 kW (690 V) 15 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	q = 40 °C 63 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 63 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 1.4 kA
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 1 kA
Power Loss	at Rated Operating Conditions per Pole 2.8 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 / UL 508 / CSA C22.2 No. 14
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Cable Cross-Section	Cu 1.5...35 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m
Mechanical Durability	20000
Lock Type	No

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 7.5 Hp (440 ... 480 V AC) Single Phase 15 Hp (550 ... 600 V AC) Single Phase 15 Hp (220 ... 240 V AC) Three Phase 15 Hp (440 ... 480 V AC) Three Phase 30 Hp (550 ... 600 V AC) Three Phase 30 Hp
Ampere Rating UL/CSA	60 A

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## Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301183D0201

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301167D2704
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301065M0205
RoHS Information	1SCC301183D0202

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## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	93 mm
Package Level 1 Depth / Length	54 mm
Package Level 1 Height	74 mm
Package Level 1 Gross Weight	0.26 kg
Package Level 1 EAN	6417019393087

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## Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

