

PRODUCT-DETAILS

OT40F3

OT40F3 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT40F3
Product ID	1SCA104902R1001
EAN	6417019390451
Catalog Description	OT40F3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-diconector / non-fusible diconnect switch with protected clamp terminals, handle and shaft are not included

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85365080

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301052M0006
Mechanical Drawings	1SCC301434F0001 1SCC301433F0001 OT16-40F3.stp OT16-40F3.igs

Dimensions

Product Net Width	35 mm
Product Net Height	68 mm
Product Net Depth / Length	56 mm
Product Net Weight	0.09 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 23 A (500 V) 23 A (690 V) 12 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 5.5 kW (400 ... 415 V) 11 kW (500 V) 11 kW (690 V) 11 kW
Conventional Free-air Thermal Current (I_{th})	q = 40 °C 40 A
Conventional Thermal Current (I_{the})	Fully Enclosed 40 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) 0.71 kA
Rated Short-time Withstand Current (I_{cw})	for 1 s 0.5 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 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 0.75...10 mm ²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Mechanical Durability	20000

Technical UL/CSA

Maximum Operating	600 V
-------------------	-------

Voltage UL/CSA

Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 5 Hp (440 ... 480 V AC) Single Phase 10 Hp (550 ... 600 V AC) Single Phase 15 Hp (220 ... 240 V AC) Three Phase 10 Hp (440 ... 480 V AC) Three Phase 20 Hp (550 ... 600 V AC) Three Phase 25 Hp
-----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Ampere Rating UL/CSA	40 A
----------------------	------

Tightening Torque UL/CSA	7 in-lb
-----------------------------	---------

Environmental

RoHS Status	Following EU Directive 2011/65/EU
-------------	-----------------------------------

Environmental Information	1SCC301183D0201
------------------------------	-----------------

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301166D2703
-----------------------------------	-----------------

Environmental Information	1SCC301183D0201
------------------------------	-----------------

Instructions and Manuals	1SCC301052M0006
-----------------------------	-----------------

RoHS Information	1SCC301183D0202
------------------	-----------------

Container Information

Package Level 1 Units	1 piece
-----------------------	---------

Package Level 1 Width	67 mm
-----------------------	-------

Package Level 1 Depth / Length	79 mm
-----------------------------------	-------

Package Level 1 Height	46 mm
------------------------	-------

Package Level 1 Gross Weight	0.1 kg
---------------------------------	--------

Package Level 1 EAN	6417019390451
---------------------	---------------

Classifications

Object Classification Code	Q
-------------------------------	---

ETIM 5	EC000216 - Switch disconnecter
--------	--------------------------------

ETIM 6	EC000216 - Switch disconnecter
--------	--------------------------------

ETIM 7	EC000216 - Switch disconnecter
--------	--------------------------------

UNSPSC	39122233
--------	----------

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
---------------	------------------------------------------------------------

E-Number (Sweden)	3170939
-------------------	---------

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

