

PRODUCT-DETAILS

OT40M3

OT40M3 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT40M3
Product ID	1SCA022497R0490
EAN	6417019158402
Catalog Description	OT40M3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-disconnector with protected clamp terminals, handle and shaft are not included, suitable for distribution board with 45mm slots

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	1SCC301052M0006

Dimensions

Product Net Width	35 mm
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Product Net Height	68 mm
Product Net Depth / Length	73 mm
Product Net Weight	0.09 kg

Technical

Rated Operational Current AC-21A (I_e)	(380 ... 415 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})	$q = 40\text{ °C}$ 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 Low Voltage (I_{cw})	for 1 s 0.5 kA
Rated Conditional Short- Circuit Current (I_{nc})	(40 A fuse, $\leq 415V$) 50 kA (25 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Pollution Degree	3
Handle Type	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	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
Lock Type	No

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 0.8 N·m
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Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301262D0201

Certificates and Declarations (Document Number)

ATEX Certificate	No certification needed
Declaration of Conformity - CE	1SCC301166D2703
Environmental Information	1SCC301262D0201
Instructions and Manuals	1SCC301052M0006
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
UL Certificate	No certification needed
VDE Certificate	No certification needed

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	86 mm
Package Level 1 Depth / Length	103 mm
Package Level 1 Height	82 mm
Package Level 1 Gross Weight	0.1 kg
Package Level 1 EAN	6417019158402

Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601203
E-Number (Sweden)	2102720

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

