

PRODUCT-DETAILS

OT80ML3

OT80ML3 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT80ML3
Product ID	1SCA022746R5610
EAN	6417019242309
Catalog Description	OT80ML3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-diconnector with protected clamp terminals, handle and shaft are not included, suitable for distribution

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	1SCC301064M0212
Mechanical Drawings	1SCC307745F0001 1SCC307744F0001 OT45-80ML3.stp OT45-80ML3.igs

Dimensions	
Product Net Width	91.5 mm
Product Net Height	70 mm
Product Net Depth / Length	73.5 mm
Product Net Weight	0.3 kg

Technical	
Rated Operational	(380 415 V) 80 A
Current AC-21A (I _e)	(500 V) 80 A (690 V) 80 A
Rated Operational	(380 415 V) 80 A
Current AC-22A (I _e)	(500 V) 80 A (690 V) 80 A
Rated Operational	(380 415 V) 75 A
Current AC-23A (I _e)	(500 V) 58 A (690 V) 20 A
Rated Operational Power	(220 240 V) 22 kW
AC-23A (P _e)	(400 415 V) 37 kW (500 V) 37 kW
	(690 V) 18.5 kW
Conventional Free-air Thermal Current (I _{th})	q = 40 °C 80 A
Conventional Thermal Current (I _{the})	Fully Enclosed 80 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) 2.1 kA
Rated Short-time Withstand Current (I _{cw})	for 1 s 1.5 kA
Power Loss	at Rated Operating Conditions per Pole 4.5 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 1.535 mm²
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m
Mechanical Durability	20000
Lock Type	No

Environmental

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

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	1SCC301167D2704
Environmental Information	1SCC301183D0201
Instructions and Manuals	1SCC301064M0212
RoHS Information	1SCC301183D0202

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	64 mm
Package Level 1 Depth / Length	103 mm
Package Level 1 Height	84 mm
Package Level 1 Gross Weight	0.32 kg
Package Level 1 EAN	6417019242309

Classifications	
Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnector
ETIM 6	EC000216 - Switch disconnector
ETIM 7	EC000216 - Switch disconnector
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601230

Categories

Low Voltage Products and Systems \rightarrow Switches \rightarrow Switch Disconnectors

