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 PRODUCT-DETAILS

# OT45ML3

## OT45ML3 SWITCH-DISCONNECTOR




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**General Information**

Extended Product Type	OT45ML3
Product ID	1SCA022700R3320
EAN	6417019223667
Catalog Description	OT45ML3 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 board with 45mm slots

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**ABB EcoSolutions**

Environmental Information	1SCC301183D0201
Environmental Product Declaration - EPD	1SCC301279D0201

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**Material Compliance**

Conflict Minerals	9AKK108467A5658
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Reporting Template  
(CMRT)

REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC011025D0201

**Popular Downloads**

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301064M0206
Mechanical Drawings	1SCC307745F0001 1SCC307744F0001 OT45-80ML3.stp OT45-80ML3.igs
Environmental Product Declaration - EPD	1SCC301279D0201

**Environmental**

Degree of Protection	Front IP20
Environmental Information	1SCC301183D0201
Pollution Degree	3

**Ordering**

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country or Territory of Origin	Finland

**Dimensions**

Product Net Width	65 mm
Product Net Height	72 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.25 kg

**Container Information**

Package Level 1 Units	box 1 piece
Package Level 1 Width	63 mm
Package Level 1 Depth / Length	103 mm
Package Level 1 Height	85 mm
Package Level 1 Gross Weight	0.27 kg
Package Level 1 EAN	6417019223667

## Technical

Cable Cross-Section	Cu 1.5 ... 35 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 63 A
Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 63 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Type	Handle and shaft not included
Mounting Type	Base mounting
Number of Poles	3P
Operating Mode	Front
Pollution Degree	3
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss	at Rated Operating Conditions per Pole 1.4 W
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-21A (I <sub>e</sub> )	(380 ... 415 V) 63 A (500 V) 63 A
Rated Operational Current AC-22A (I <sub>e</sub> )	(380 ... 415 V) 63 A (500 V) 63 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(380 ... 415 V) 45 A (500 V) 45 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(380 ... 415 V) 15 kW (500 V) 15 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 1 kA
Special Functions	No
Standards	IEC 60947-3
Switches Operating Mechanism	Mechanism on Top of the Switch
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 2 N·m

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 2 N·m
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## Certificates and Declarations

A2L Certificate – IEC	1SCC301335D0201
Declaration of Conformity - CE	1SCC301167D2704

## External Classifications and Standards

Object Classification	Q
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Code	
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Sweden)	2102733

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

