PRODUCT-DETAILS

OT125FLB3

OT125FLB3 SWITCH-DISCONNECTOR



General Information

Extended Product Type	OT125FLB3
Product ID	1SCA114833R1001
EAN	6417019471419
Catalog Description	OT125FLB3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-diconnector with extended bus bar terminals on bottom side and front protected clamp terminals on top side, handle and shaft are not included

ABB EcoSolutions

Environmental Information	1SCC301264D0201
Environmental Product Declaration - EPD	1SCC301280D0201

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	1SCC301074M0202
Environmental Product Declaration - EPD	1SCC301280D0201

Environmental

Degree of Protection	Front IP20
Environmental Information	1SCC301264D0201
Pollution Degree	3

Ordering

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

Dimensions

Product Net Width	90 mm
Product Net Height	154 mm
Product Net Depth / Length	74 mm
Product Net Weight	0.43 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	103 mm
Package Level 1 Depth / Length	205 mm
Package Level 1 Height	102 mm
Package Level 1 Gross Weight	0.52 kg
Package Level 1 EAN	6417019471419

Technical

Cable Cross-Section	Cu 10 ... 70 mm²

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Conventional Free-air Thermal Current (I_{th})	Θ = 40 °C 125 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Type	Knob Handle and shaft not included
Mechanical Durability	20000
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 6.3 W
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-21A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A (P_e)	(220 ... 240 V) 22 kW (400 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V) 3.6 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 2.5 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 6 N·m

Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 6 N·m

Certificates and Declarations

A2L Certificate – IEC	1SCC301335D0201
Declaration of Conformity - CE	1SCC301168D2702

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UL Certificate cULus certificate OT30-125

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
UNSPSC	39122221
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3600161
E-Number (Norway)	4363504

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors



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