



PRODUCT-DETAILS

# OT30F6

## OT30F6 SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT30F6
Product ID	1SCA105298R1001
EAN	6417019392691
Catalog Description	OT30F6 SWITCH-DISCONNECTOR
Long Description	6-pole, front operated, base mounted, DIN-rail mountable switch-d disconnecter / non-fusible disconnect switch with front protected clamp terminals, handle and shaft are not included

ABB EcoSolutions	
Environmental Information	1SCC301183D0201
Environmental Product Declaration - EPD	1SCC301280D0201

Material Compliance	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)		
REACH Declaration		1SCC011021D0201
RoHS Information		1SCC011020D0201
RoHS Status	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	1SCC301059M0005
Mechanical Drawings	1SCC301474F0001 1SCC301473F0001 OT100-125F6.igs
Environmental Product Declaration - EPD	1SCC301280D0201

Environmental

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

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080
Country of Origin	Finland (FI)

Dimensions

Product Net Width	140 mm
Product Net Height	100 mm
Product Net Depth / Length	86 mm
Product Net Weight	1.1 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	1.1 kg
Package Level 1 EAN	6417019392691

Technical

Cable Cross-Section	Cu 2.5 ... 25 mm <sup>2</sup>
Degree of Protection	Front IP20
Distance Between Phases	Standard
Handle Type	Knob Handle and shaft not included
Lock Type	No
Mechanical Durability	20000
Mounting Type	Base mounting
Number of Poles	6P
Operating Mode	Front operated
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 0.7 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) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-22A (I <sub>e</sub> )	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Current AC-23A (I <sub>e</sub> )	(380 ... 415 V) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Power AC-23A (P <sub>e</sub> )	(380 ... 415 V) 18.5 kW (500 V) 22 kW (690 V) 37 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I <sub>cm</sub> )	(690 V) 3.6 kA
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 2.5 kA
Special Functions	No
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4
Switches Operating Mechanism	Mechanism on Top of the Switch
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 6.2 N·m

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	30 A
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 5 Hp (220 ... 240 V AC) Three Phase 10 Hp (440 ... 480 V AC) Three Phase 20 Hp (550 ... 600 V AC) Three Phase 30 Hp
Tightening Torque	acc. IEC 60947-1 6.2 N·m

## Certificates and Declarations

A2L Certificate – IEC	1SCC301335D0201
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Declaration of Conformity - CE	1SCC301010D0201
UL Certificate	cULus certificate OT30-125

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

