



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-diconnector / non-fusible diconnect switch with front protected clamp terminals, handle and shaft are not included
Display Name:	OT30F6

ABB EcoSolutions

Environmental Information:	1SCC301183D0201
Environmental Product Declaration - EPD:	1SCC301280D0201

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
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:	1SCC301059M0005
Mechanical Drawings:	1SCC301474F0001 1SCC301473F0001 OT100-125F6.igs

Environmental

Degree of Protection:	Front IP20
Pollution Degree:	3

Ordering

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

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 ²
Color:	Grey
Distance Between Phases:	Standard
Handle Type:	Knob
Mechanical Durability:	20000
Mounting Type:	Base mounting
Number of Poles:	6P
Operating Mode:	Front
Power Loss:	at Rated Operating Conditions per Pole 0.7 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) 40 A (500 V) 40 A (690 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) 40 A (500 V) 40 A (690 V) 40 A
Rated Operational Power AC-23A (P_e):	(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_{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 / 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

Certificates and Declarations

A2L Certificate – IEC:	1SCC301335D0201
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)
ETIM 10:	EC000216 - Switch disconnecter (AC)
UNSPSC:	39122233
IDEA Granular Category Code (IGCC):	5290 >> Disconnect switch
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Products > Low Voltage Products and Systems > Switches > Switch Disconnectors

