

OT80F4N2



Products Low Voltage Products and Systems Switches Switch Disconnectors

General Information

Extended Product Type:	OT80F4N2
Product ID:	1SCA105413R1001
EAN:	6417019393483
Catalog Description:	OT80F4N2 switch-disconnector
Long Description:	4-pole, front operated, base mounted, DIN-rail mountable switch-diconductor / non-fusible disconnect switch with protected clamp terminals, handle and shaft are not included

Additional Information

Ampere Rating UL/CSA:	80 A
Cable Cross-Section:	1.5 ... 35 mm ²
Conventional Free-air Thermal Current (I_{th}):	q = 40 °C 80 A
Conventional Thermal Current (I_{the}):	Fully Enclosed 80 A
Country of Origin:	Finland (FI)
Customs Tariff Number:	85365080
Data Sheet, Technical Information:	1SCC301020C0201
Declaration of Conformity - CE:	1SCC301167D2704
Dielectric Test Voltage:	6000 V
EAN:	6417019393483
ETIM 5:	EC000216 - Switch disconnector
Earthing Switch Type:	No Additional Type
Electrical Endurance:	6000 cycle
Environmental Information:	1SCC301183D0201
Handle Type:	Handle and shaft not included
Horsepower Rating UL/CSA:	(acc. to UL 200 V) 20 Hp (acc. to UL 480 V) 40 Hp (acc. to UL 208 V) 20 Hp (acc. to UL 240 V) 20 Hp (acc. to UL 600 V) 40 Hp
IIT Publishing Status:	Level 0 - Information enabled
Includes:	None
Industrial IT Certification Level:	0
Instructions and Manuals:	1SCC301064M0001
Invoice Description:	OT80F4N2 switch-disconnector
Maximum Operating Voltage UL/CSA:	600 V
Mechanical Endurance:	10000 cycle
Minimum Order Quantity:	10 piece
Mounting Type:	Base mounting
Number of Poles:	4
Object Classification Code:	Q
Switches Operating Mechanism:	Mechanism on Top of the Switch
Operating Mode:	Front operated
Order Multiple:	10 piece
Package Level 1 EAN:	6417019393483
Package Level 1 Gross Weight:	0.3 kg
Package Level 1 Height:	82 mm

Package Level 1 Length:	103 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	84 mm
Pollution Degree:	3
Position of Line Terminals:	Top In - Bottom Out
Power Loss:	at Rated Operating Conditions per Pole 2.8 W at Rated Operating Conditions per Pole 4.5 W
Price Category:	Standard
Product Main Type:	OT80
Product Name:	Switch-disconnector
Product Net Depth:	73 mm
Product Net Height:	92 mm
Product Net Weight:	0.3 kg
Product Net Width:	64 mm
Rated Impulse Withstand Voltage (U_{imp}):	8 kV
Rated Insulation Voltage (U_i):	750 V
Rated Operational Current AC-21A (I_e):	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-22A (I_e):	(380 ... 415 V) 80 A (500 V) 80 A (690 V) 80 A
Rated Operational Current AC-23A (I_e):	(380 ... 415 V) 75 A (500 V) 58 A (690 V) 20 A
Rated Operational Power AC-23A (P_e):	(380 ... 415 V) 37 kW (500 V) 37 kW (690 V) 18.5 kW
Rated Operational Voltage:	750 V
Rated Short-Circuit Making Capacity (I_{cm}):	(690 V AC) 1.4 kA
Rated Short-time Withstand Current (I_{cw}):	for 1 s 1 kiloampere rms
RoHS Information:	1SCC301183D0201
RoHS Status:	Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3
Selling Unit of Measure:	piece
Short Description:	Front operated switch-disconnector
Special Functions:	No
Standards:	IEC 60947-3, UL 508 / CSA C22.2 NO.14
Terminal Type:	Screw Terminals
Tightening Torque:	2 N·m
Tightening Torque UL/CSA:	18 in·lb
Fourth Pole Type:	Switched - Simultaneous Function
Fourth Pole Position:	Right Side
Disconnect Switch Type:	Non-Fusible Disconnect Switch
Distance Between Phases:	Standard