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**PRODUCT-DETAILS**

## OT40F8

### OT40F8 SWITCH-DISCONNECTOR



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**General Information**

Extended Product Type	OT40F8
Product ID	1SCA104938R1001
EAN	6417019390789
Catalog Description	OT40F8 SWITCH-DISCONNECTOR
Long Description	8-pole, front operated, base mounted, DIN-rail mountable switch-disconnector / non-fusible disconnect switch with protected clamp terminals, handle and shaft are not included

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**Circular Value**

Conflict Minerals	9AKK108467A5658
Reporting Template (CMRT)	1SCC301262D0201
Environmental Information	1SCC301278D0201
Environmental Product Declaration - EPD	1SCC011021D0201
REACH Declaration	1SCC011020D0201
RoHS Information	1SCC011025D0201
Toxic Substances Control Act - TSCA	

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## Eco Transparency

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Environmental Product  
Declaration - EPD

1SCC301278D0201

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## Ordering

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Minimum Order Quantity

1 piece

Customs Tariff Number

85365080

Country of Origin

Finland (FI)

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## Popular Downloads

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Data Sheet, Technical  
Information

1SCC301020C0201

Instructions and Manuals

1SCC301055M0003

Mechanical Drawings

1SCC301444F0001

1SCC301443F0001

OT16-40F8.stp

OT16-40F8.igs

Environmental Product  
Declaration - EPD

1SCC301278D0201

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## Dimensions

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Product Net Width

83 mm

Product Net Height

68 mm

Product Net Depth /  
Length

68 mm

Product Net Weight

0.27 kg

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## Technical

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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) 23 A  
(500 V) 23 A  
(690 V) 12 A

Rated Operational Current  
DC-21B ( $I_e$ )

(750 V) 32 A  
(550 V) 32 A  
(800 V) 16 A

Rated Operational Power  
AC-23A ( $P_e$ )

(220 ... 240 V) 5.5 kW  
(400 ... 415 V) 11 kW  
(500 V) 11 kW  
(690 V) 11 kW

Conventional Free-air  
Thermal Current ( $I_{th}$ )

$\Theta = 40^\circ \text{C}$  40 A

Conventional Thermal  
Current ( $I_{the}$ )

Fully Enclosed 40 A

Rated Impulse Withstand  
Voltage ( $U_{imp}$ )

8 kV

Rated Insulation Voltage  
( $U_i$ )

acc. to IEC/EN 60664-1 750 V

Rated Operational Voltage

Main Circuit 750 V

Rated Short-Circuit  
Making Capacity ( $I_{cm}$ )

(690 V) 0.71 kA

Rated Short-time

for 1 s 0.5 kA

Withstand Current Low Voltage ( $I_{cw}$ )	
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(40 A fuse, $\leq 415V$ ) 50 kA (25 A fuse, 690 V) 50 kA
Power Loss	at Rated Operating Conditions per Pole 1.6 W
Pollution Degree	3
Handle Type	Knob Handle and shaft not included
Fourth Pole Position	Left and Right Side
Fourth Pole Type	Switched - Simultaneous Function
Switches Operating Mechanism	Mechanism on Top of the Switch
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3 / UL 508 / CSA C22.2 No. 14
Special Functions	No
Mounting Type	Base mounting
Number of Poles	8
Cable Cross-Section	Cu 0.75 ... 10 mm <sup>2</sup>
Degree of Protection	Front IP20
Terminal Type	Screw Terminals
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Mechanical Durability	20000
Lock Type	No

### Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V
Ampere Rating	40 A
Horsepower Rating UL/CSA	(110 ... 120 V AC) Single Phase 2 Hp (240 V AC) Single Phase 5 Hp (440 ... 480 V AC) Single Phase 10 Hp (550 ... 600 V AC) Single Phase 15 Hp (220 ... 240 V AC) Three Phase 10 Hp (440 ... 480 V AC) Three Phase 20 Hp (550 ... 600 V AC) Three Phase 25 Hp
Tightening Torque	acc. IEC 60947-1 0.8 N·m
Tightening Torque UL/CSA	7 in·lb

### Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301262D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

### Certificates and Declarations

ATEX Certificate	No certification needed
Declaration of Conformity -CE	1SCC301166D2703
REACH Declaration	1SCC011021D0201
UL Certificate	cULus certificate OT16-80
VDE Certificate	No certification needed

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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	80 mm
Package Level 1 Depth / Length	112 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	0.31 kg
Package Level 1 EAN	6417019390789

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## Classifications

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Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122233
IDEA Granular Category Code (IGCC)	5290 >> Disconnect switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3601445

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## Categories

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Low Voltage Products and Systems → Switches → Switch Disconnectors

