

PRODUCT-DETAILS

## OT40F3 OT40F3 SWITCH-DISCONNECTOR



Extended Product Type	OT40F3
Product ID	1SCA104902R1001
EAN	6417019390451
Catalog Description	OT40F3 SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted, DIN-rail mountable switch-diconnector / non-fusible diconnect switch with protected clamp terminals, handle and shaft are not included

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

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Declaration - EPD  Ordering  Minimum Order Quantity Utions Tariff Number Stassess Country of Origin  Popular Downloads  Popular Downloads  Popular Downloads  Popular Downloads  Information ISCC30102000  Recta Operational Current AC-22A (Lg)  Reted Oper	Eco Transparency	
Minimum Order Quantity         10 piec           Customs Tariff Number         8536508           Country of Origin         Finland (F           Popular Downloads         15CC301020020           Data Sheet, Technical         15CC301020020           Information         15CC301052M00           Data Sheet, Technical         15CC30104345P000           Instructions and Manuals         15CC3014345P000           Directariation         15CC3014345P000           Directariation         15CC3014345P000           Directariation - EPD         15CC301278D022           Dimensions         15CC301278D022           Dimensions         15CC301278D022           Dimensions         68 m           Product Net Width         35 m           Product Net Height         68 m           Product Net Height         68 m           Conduct Net Weight         0.09 k           Technical         (380 415 V) 40 (500 V	Environmental Product Declaration - EPD	1SCC301278D020
Minimum Order Quantity         10 piec           Customs Tariff Number         8536508           Country of Origin         Finland (F           Popular Downloads         15CC301020020           Data Sheet, Technical         15CC301020020           Information         15CC301052M00           Data Sheet, Technical         15CC30104345P000           Instructions and Manuals         15CC3014345P000           Directariation         15CC3014345P000           Directariation         15CC3014345P000           Directariation - EPD         15CC301278D022           Dimensions         15CC301278D022           Dimensions         15CC301278D022           Dimensions         68 m           Product Net Width         35 m           Product Net Height         68 m           Product Net Height         68 m           Conduct Net Weight         0.09 k           Technical         (380 415 V) 40 (500 V	Ordering	
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Country of Origin Finland (F Popular Downloads Data Sheet, Technical Information Instructions and Manuals SICC301052M000 Mechanical Drawings SICC301435P000 OT11644723 SICC301435P000 OT11644733 SICC301435P000 OT11644733 SICC301435P000 OT11644733 SICC301435P000 SICC301435P00 SICC301435P0 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P00 SICC301435P0 SICC301459 S		· · · · · · · · · · · · · · · · · · ·
Data Sheet, Technical Information         ISCC301020C020           Information         ISCC301032M000           Instructions and Manuals         ISCC301032M000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           OT16-40F3.st OT16-40F3.st         OT16-40F3.st           Environmental Product         ISCC301278D020           Declaration - EPD         ISCC301278D020           Dimensions         Product Net Weight         68 m           Product Net Depth / Length         66 m           Product Net Weight         0.09 k           Technical         (380 415 V) 40 (500 V) 40 (	Country of Origin	Finland (Fl
Data Sheet, Technical Information         ISCC301020C020           Information         ISCC301032M000           Instructions and Manuals         ISCC301032M000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           Instructions and Manuals         ISCC301434F000           OT16-40F3.st OT16-40F3.st         OT16-40F3.st           Environmental Product         ISCC301278D020           Declaration - EPD         ISCC301278D020           Dimensions         Product Net Weight         68 m           Product Net Depth / Length         66 m           Product Net Weight         0.09 k           Technical         (380 415 V) 40 (500 V) 40 (		
Information         1SCC301052M000           Mechanical Drawings         1SCC301052M000           Environmental Product         1SCC30143EP000           Dimensions         0T16-40F3 ig           Product Net Width         35 mi           Product Net Height         66 mi           Product Net Height         0.09 k           Technical         0.09 k           Conventional Current         (380 415 V) 40 (500 V)	Popular Downloads	
Mechanical Drawings         1SCC301434F000 1SCC301433F000 OT1640F3.sig OT1640F3.sig OT1640F3.sig           Environmental Product Declaration - EPD         1SCC301278D020           Dimensions	Data Sheet, Technical Information	1SCC301020C020
115CC301433F000         OT16-40F3 ig           Environmental Product         15CC301278D020           Declaration - EPD         15CC301278D020           Dimensions         35 m           Product Net Width         35 m           Product Net Height         68 m           Product Net Depth /         56 m           Length         0.09 k           Product Net Weight         0.09 k           Conventional Current         (380 415 V) 40 (500 V) 11 k	Instructions and Manuals	1SCC301052M000
Declaration - EPD           Dimensions           Product Net Width         35 ml           Product Net Height         68 ml           Product Net Height         0.09 kl           Product Net Weight         0.09 kl           Technical         (380 415 V) 40 (500 V) 40	Mechanical Drawings	1SCC301434F000 1SCC301433F000 OT16-40F3.stq OT16-40F3.ig
Dimensions           Product Net Width         35 m           Product Net Height         68 m           Product Net Depth /         56 m           Length         0.09 k           Product Net Weight         0.09 k           Technical         (380 415 V) 40           Rated Operational Current         (380 415 V) 40           AC-21A (I <sub>0</sub> )         (500 V) 40           Rated Operational Current         (380 415 V) 40           AC-22A (I <sub>0</sub> )         (690 V) 40           Rated Operational Current         (380 415 V) 40           AC-22A (I <sub>0</sub> )         (690 V) 40           Rated Operational Current         (380 415 V) 10           AC-23A (I <sub>0</sub> )         (690 V) 14           Corperational Power         (220 240 V) 5.5 k           AC-23A (I <sub>0</sub> )         (690 V) 11 k           Conventional Power         (220 240 V) 5.5 k           AC-23A (P <sub>e</sub> )         (690 V) 11 k           Conventional Free-air         0 = 40 °C 40           Thermal Current (I <sub>th</sub> )         Fully Enclosed 40           Current (I <sub>th</sub> )         8 k           Rated Inpulse Withstand Voitage         8 k           Voitage (U <sub>imp</sub> )         acc. to IEC/EN 60664-1 750	Environmental Product Declaration - EPD	1SCC301278D020
Product Net Width         35 ml           Product Net Height         68 ml           Product Net Depth / Length         56 ml           Product Net Weight         0.09 kl           Constrained         0.09 kl           Technical         0.09 kl           Rated Operational Current AC-21A (l_e)         (380 415 V) 40 (690 V) 40           Rated Operational Current AC-22A (l_e)         (380 415 V) 40 (690 V) 40           Rated Operational Current AC-22A (l_e)         (380 415 V) 40 (690 V) 40           Rated Operational Current AC-22A (l_e)         (380 415 V) 40 (690 V) 40           Rated Operational Current AC-23A (l_e)         (380 415 V) 40 (690 V) 11 kl (500 V) 11 kl           Conventional Free-air Thermal Current (l_h)         Patel Insulation Voltage           Rated Insulation Voltage         Ac k kl           Rated Insulation Voltage         Ac k kl	Dimensions	
Product Net Height         68 m           Product Net Depth / Length         56 m           Product Net Weight         0.09 k           Technical         (380 415 V) 40           AC-21A (I <sub>0</sub> )         (500 V) 40           AC-22A (I <sub>0</sub> )         (500 V) 40           AC-22A (I <sub>0</sub> )         (500 V) 40           Rated Operational Current         (380 415 V) 18           AC-22A (I <sub>0</sub> )         (500 V) 40           Rated Operational Current         (380 415 V) 18           AC-23A (I <sub>0</sub> )         (500 V) 40           Coreventional Power         (220 240 V) 5.5 ki           AC-23A (I <sub>0</sub> )         (400 415 V) 11 ki           Conventional Power         (220 240 V) 5.5 ki           AC-240 (V) 5.5 ki         (500 V) 11 ki           Conventional Free-air $\Theta = 40 °C 40$ Thermal Current (I <sub>tho</sub> )         Fully Enclosed 40           Current (I <sub>tho</sub> )         8 k           Rated Inpulse Withstand         8 k           Voltage (U <sub>imp</sub> )         acc. to IEC/EN 60664-1 750 <td></td> <td></td>		
Product Net Depth / Length         56 m           Product Net Weight         0.09 k           Technical         (380 415 V) 40           Rated Operational Current AC-21A (le)         (380 415 V) 40           Rated Operational Current AC-22A (le)         (380 415 V) 23           Rated Operational Current AC-23A (le)         (380 415 V) 23           Color V 40         (500 V) 40           Rated Operational Power AC-23A (le)         (220 240 V) 5.5 ki (690 V) 11 ki (500 V) 11 ki           Conventional Tree-air Thermal Current (lthe)         Fully Enclosed 40           Conventional Thermal Current (lthe)         S ki           Rated Inpulse Withstand Voltage (Ump)         8 ki           Rated Inpulse Withstand (U)         Acc. to IEC/EN 60664-1 750		
Technical           Rated Operational Current         (380 415 V) 40 (500 V) 40 (690 V) 40           Rated Operational Current         (380 415 V) 40 (690 V) 40           Rated Operational Current         (380 415 V) 40 (500 V) 40           Rated Operational Current         (380 415 V) 23 (500 V) 23 (690 V) 12           Rated Operational Power         (220 240 V) 5.5 kt (500 V) 12           Rated Operational Power         (220 240 V) 5.5 kt (500 V) 11 kt (690 V) 11 kt           Conventional Free-air Thermal Current (I <sub>th</sub> ) $\Theta = 40 °C 40$ Conventional Thermal Current (I <sub>the</sub> )         Fully Enclosed 40           Rated Insulation Voltage (U <sub>1</sub> )         8 kt	Product Net Depth / Length	56 mn
Rated Operational Current $(380 \dots 415 \lor) 40$ $(500 \lor) 40$ $(690 \lor) 40$ Rated Operational Current $(380 \dots 415 \lor) 40$ $(690 \lor) 40$ Rated Operational Current $(380 \dots 415 \lor) 40$ $(500 \lor) 40$ Rated Operational Current $(380 \dots 415 \lor) 23$ $(690 \lor) 40$ Rated Operational Current $(380 \dots 415 \lor) 23$ $(500 \lor) 12$ Rated Operational Power $(220 \dots 240 \lor) 5.5 \ker$ $(400 \dots 415 \lor) 11 \kappa$ $(500 \lor) 11 \kappa$ $(500 \lor) 11 \kappa$ $(690 \lor) 11 \kappa$ $(500 \lor) 11 $	Product Net Weight	0.09 kç
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Technical	
Rated Operational Current $(380 \dots 415 \lor) 40$ $(500 \lor) 40$ $(690 \lor) 40$ Rated Operational Current $(380 \dots 415 \lor) 23$ $(500 \lor) 23$ $(690 \lor) 12$ Rated Operational Power $(220 \dots 240 \lor) 5.5 \ker$ $(400 \dots 415 \lor) 11 \ker$ $(500 \lor) $	Rated Operational Current AC-21A (I <sub>e</sub> )	(380 415 V) 40 A (500 V) 40 A (690 V) 40 A
$\begin{array}{c} AC-23A \left( l_{e} \right) & \left( \begin{array}{c} 500 \ \text{V} \right) 23 \\ (690 \ \text{V} \right) 12 \\ \\ \text{Rated Operational Power} & \left( \begin{array}{c} 220 \dots 240 \ \text{V} \right) 5.5 \ \text{kl} \\ AC-23A \left( P_{e} \right) & \left( \begin{array}{c} 400 \dots 415 \ \text{V} \right) 11 \ \text{kl} \\ (500 \ \text{V} \right) 11 \ \text{kl} \\ (500 \ \text{V} \right) 11 \ \text{kl} \\ (690 \ \text{V} \) 11 \ \text{kl} \ (690 \ \text{V} \) 11 \ \text{kl} \ (690 \ \text{V} \) 11 \ \text{kl} \ (690 \ \text{V} \) 1$	Rated Operational Current AC-22A (I <sub>e</sub> )	(380 415 V) 40 A (500 V) 40 A (690 V) 40 A
$\begin{array}{c} AC-23A (P_e) & (400 \dots 415 \ V) \ 11 \ kV \\ (500 \ V) \ 11 \ kV \\ (690 \ V) \ 11 \ kV \ 11 \ k$	Rated Operational Current AC-23A (I <sub>e</sub> )	(380 415 V) 23 A (500 V) 23 A (690 V) 12 A
Thermal Current (I <sub>th</sub> )       Fully Enclosed 40         Conventional Thermal       Fully Enclosed 40         Current (I <sub>the</sub> )       8 k         Rated Impulse Withstand       8 k         Voltage (U <sub>imp</sub> )       acc. to IEC/EN 60664-1 750         (U <sub>i</sub> )       0	Rated Operational Power AC-23A (P <sub>e</sub> )	(220 240 V) 5.5 kV (400 415 V) 11 kV (500 V) 11 kV (690 V) 11 kV
Current (I <sub>the</sub> ) Rated Impulse Withstand Voltage (U <sub>imp</sub> ) Rated Insulation Voltage (U <sub>i</sub> ) Rated Insulation Voltage (U <sub>i</sub> )	Conventional Free-air Thermal Current (I <sub>th</sub> )	Θ = 40 °C 40 Å
Voltage (U <sub>imp</sub> )         acc. to IEC/EN 60664-1 750           (U <sub>i</sub> )         acc. to IEC/EN 60664-1 750	Conventional Thermal Current (I <sub>the</sub> )	Fully Enclosed 40 A
(U <sub>i</sub> )	Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 k'
Rated Operational Voltage Main Circuit 750	Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 750 \
	Rated Operational Voltage	Main Circuit 750 \

Rated Short-Circuit

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2024/03/24

Subject to change without notice

(690 V) 0.71 kA

for 1 s 0.5 k/	Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )
(40 A fuse, ≤415V) 50 k/ (25 A fuse, 690 V) 50 k/	Rated Conditional Short- Circuit Current (I <sub>nc</sub> )
at Rated Operating Conditions per Pole 1.6 V	Power Loss
	Pollution Degree
Kno Handle and shaft not include	Handle Type
Mechanism on Top of the Switc	Switches Operating Mechanism
Standard	Distance Between Phases
Top In - Bottom Ou Bottom In - Top Ou	Position of Line Terminals
Front operate	Operating Mode
IEC 60947-3 / UL 508 / CSA C22.2 No. 14	Standards
N	Special Functions
Base mounting	Mounting Type
	Number of Poles
Cu 0.75 10 mm	Cable Cross-Section
Main Circuit 10 mr Main Circuit 0.38 i	Wire Stripping Length
Front IP2	Degree of Protection
Screw Terminal	Terminal Type
acc. IEC 60947-1 0.8 N·r	Tightening Torque
2000	Mechanical Durability
N	Lock Type
600 \	Technical UL/CSA Maximum Operating
	Voltage UL/CSA
40 /	Ampere Rating
(110 120 V AC) Single Phase 2 H (240 V AC) Single Phase 5 H (440 480 V AC) Single Phase 10 H (550 600 V AC) Single Phase 15 H (220 240 V AC) Three Phase 10 H (440 480 V AC) Three Phase 20 H (550 600 V AC) Three Phase 25 H	Horsepower Rating UL/CSA
Main Circuit 10 mn Main Circuit 0.38 i	Wire Stripping Length
acc. IEC 60947-1 0.8 N·r	Tightening Torque
7 in l	Tightening Torque UL/CSA

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

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	67 mm
Package Level 1 Depth / Length	79 mm
Package Level 1 Height	46 mm
Package Level 1 Gross Weight	0.1 kg
Package Level 1 EAN	6417019390451

Classifications	
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)	3601438
E-Number (Sweden)	3170939

Categories

Low Voltage Products and Systems  $\rightarrow$  Switches  $\rightarrow$  Switch Disconnectors

