



PRODUCT-DETAILS

# OT800E03K

## OT800E03K SWITCH-DISCONNECTOR



General Information	
Extended Product Type	OT800E03K
Product ID	1SCA022779R5160
EAN	6417019253763
Catalog Description	OT800E03K SWITCH-DISCONNECTOR
Long Description	3-pole, front operated, base mounted switch-diconductor with black direct mount handle, terminal bolt kit included

Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301119M0201
Environmental Information	1SCC301232D0201
Environmental Product Declaration - EPD	1SCC301284D0201
REACH Declaration	1SCC011021D0201
RoHS Information	1SCC011020D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

Environmental Product Declaration - EPD	1SCC301284D0201
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Ordering

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

Popular Downloads

Data Sheet, Technical Information	1SCC301020C0201
Instructions and Manuals	1SCC301042M0211
Environmental Product Declaration - EPD	1SCC301284D0201
End of Life Instructions	1SCC301119M0201

Dimensions

Product Net Width	266 mm
Product Net Height	250 mm
Product Net Depth / Length	157 mm
Product Net Weight	6.4 kg

Technical

Rated Operational Current AC-21A ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A (1000 V) 800 A
Rated Operational Current AC-22A ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A ( $I_g$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Power AC-23A ( $P_e$ )	(220 ... 240 V) 250 kW (400 ... 415 V) 450 kW (500 V) 560 kW (690 V) 800 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	$\Theta = 40\text{ }^{\circ}\text{C}$ 800 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 800 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1000 V
Rated Operational Voltage	Main Circuit 1000 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V) 80 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 20 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(800 A fuse, 500 V) 100 kA (800 A fuse, 690 V) 80 kA

Power Loss	at Rated Operating Conditions per Pole 40 W
Pollution Degree	3
Handle Color	Black
Handle Type	Direct mounted pistol type handle
Switches Operating Mechanism	Mechanism at the End of the Switch 03 (Left Side)
Distance Between Phases	Standard
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front operated
Standards	IEC 60947-3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	3
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Terminal Width	39 mm
Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
Mechanical Durability	10000
Lock Type	Yes

## Technical UL/CSA

Tightening Torque	acc. IEC 60947-1 50 ... 75 N·m
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## Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301232D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

## Certificates and Declarations

ATEX Certificate	No certification needed
BV Certificate	1SCC301103D0201
Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203
REACH Declaration	1SCC011021D0201
UL Certificate	No certification needed
VDE Certificate	No certification needed

## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	270 mm
Package Level 1 Depth / Length	420 mm
Package Level 1 Height	220 mm
Package Level 1 Gross Weight	7.3 kg
Package Level 1 EAN	6417019253763

## Classifications

Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnecter
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
E-Number (Finland)	3660812

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

