

PRODUCT-DETAILS

# OT800E02K

## OT800E02K SWITCH-DISCONNECTOR



### General Information

Extended Product Type	OT800E02K
Product ID	1SCA103321R1001
EAN	6417019377360
Catalog Description	OT800E02K SWITCH-DISCONNECTOR
Long Description	2-pole, front operated, base mounted switch-diconductor with black direct mount handle, terminal bolt kit included

### 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

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**Dimensions**


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Product Net Width	201 mm
Product Net Height	250 mm
Product Net Depth / Length	157 mm
Product Net Weight	4.8 kg

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**Technical**


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Rated Operational Current AC-21A ( $I_e$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A (1000 V) 800 A
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 800 A (500 V) 800 A (690 V) 800 A
Rated Operational Current AC-23A ( $I_e$ )	(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 ( $I_{th}$ )	q = 40 °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 ( $I_{cw}$ )	for 1 s 20 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 02 (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	2
Degree of Protection	Front IP00
Terminal Type	Lug terminals

Tightening Torque	acc. IEC 60947-1 50...75 N·m
Mechanical Durability	10000
Lock Type	Yes

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## Environmental

RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SCC301149D0202

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SCC301140D2704
DNV GL Certificate	1SCC301184D0203
Environmental Information	1SCC301149D0202
Instructions and Manuals	1SCC301042M0211
RoHS Information	1SCC301149D0203

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## Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	365 mm
Package Level 1 Depth / Length	360 mm
Package Level 1 Height	175 mm
Package Level 1 Gross Weight	5.9 kg
Package Level 1 EAN	6417019377360

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## Classifications

Object Classification Code	Q
ETIM 5	EC000216 - Switch disconnecter
ETIM 6	EC000216 - Switch disconnecter
ETIM 7	EC000216 - Switch disconnecter
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

