



English ▼



OT630E03

[Print to PDF](#)[Buy now](#)

General Information

Extended Product Type:

OT630E03

Product ID:

1SCA022775R3670

EAN:

6417019252322

Catalog Description:

OT630E03 SWITCH-DISCONNECTOR

Long Description:

3-pole, front operated, base mounted switch-d disconnecter, handle and shaft are not included, terminal bolt kit included

Data Sheet

Downloads

Buy now

Categories

Go To Section:[ABB EcoSolutions](#)[Material Compliance](#)[Popular Downloads](#)[Environmental](#)[Ordering](#)[Dimensions](#)[Container Information](#)[Technical](#)[Technical UL/CSA](#)[Certificates and Declarations](#)[External Classifications and Standards](#)**ABB EcoSolutions****End Of Life Disassembling Instructions:**[OT630-800 Disassembling Instruction](#)**Environmental Information:**[OT600-800_1SCC301232D0201_19-05](#)**Environmental Product Declaration - EPD:**[PEP, EPD, OT630-800](#)**Material Compliance****Conflict Minerals Reporting Template (CMRT):**[CMRT - Conflict Minerals Reporting Template](#)**REACH Declaration:**[Reach Declaration / AC Switches and Fusegear](#)**RoHS Information:**[RoHS Declaration / AC Switches and Fusegear](#)**RoHS Status:**

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Toxic Substances Control Act - TSCA:[Toxic Substances Control Act \(TSCA\) Declaration / AC Switches and Fusegear](#)**Popular Downloads****Data Sheet, Technical Information:**[Switches, Switch-disconnectors OT and OTM. Catalogue OT8GB](#)**Instructions and Manuals:**[Switch Disconnectors OT600-800](#)**Mechanical Drawings:**[OT630E03, dwg-file](#)[OT630E03, dxf-file](#)[OT600_800E03.igs](#)**Environmental Product Declaration - EPD:**[PEP, EPD, OT630-800](#)

Environmental

Degree of Protection:

Front IP00

Environmental Information:OT600-800_1SCC301232D0201_19-05**Pollution Degree:**

3

Ordering

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85365080

Country of Origin:

Finland

Dimensions

Product Net Width:

266 mm

Product Net Height:

250 mm

Product Net Depth / Length:

140 mm

Product Net Weight:

6.1 kg

Container Information

Package Level 1 Units:

box 1 piece

Package Level 1 Width:

260 mm

Package Level 1 Depth / Length:

335 mm

Package Level 1 Height:

152 mm

Package Level 1 Gross Weight:

6.5 kg

Package Level 1 EAN:

6417019252322

Technical

Conventional Free-air Thermal Current (I_{th}): $\Theta = 40\text{ }^{\circ}\text{C}$ 630 A**Conventional Thermal Current (I_{the}):**

Fully Enclosed 630 A

Degree of Protection:

Front IP00

Distance Between Phases:

Standard

Handle Type:

Handle and shaft not included

Lock Type:

No

Mechanical Durability:

10000

Mounting Type:

Base mounting

Number of Poles:

3P

Operating Mode:

Front operated

Pollution Degree:

3

Position of Line Terminals:

Top In - Bottom Out

Bottom In - Top Out

Power Loss:

at Rated Operating Conditions per Pole 25 W

Rated Impulse Withstand Voltage (U_{imp}):

12 kV

Rated Insulation Voltage (U_i):

acc. to IEC/EN 60664-1 1000 V

Rated Operational Current AC-21A (I_e):

(380 ... 415 V) 630 A

(500 V) 630 A

(690 V) 630 A

Rated Operational Current AC-22A (I_e):

(380 ... 415 V) 630 A

(500 V) 630 A

(690 V) 630 A

Rated Operational Current AC-23A (I_e):

(380 ... 415 V) 630 A

(500 V) 630 A

(690 V) 630 A

Rated Operational Power AC-23A (P_e):

(220 ... 240 V) 200 kW

(400 ... 415 V) 355 kW

(500 V) 400 kW

(690 V) 630 kW

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

Special Functions:

No

Standards:

IEC 60947-3

Switches Operating Mechanism:

Mechanism at the End of the Switch
03 (Left Side)

Terminal Type:

Lug terminals

Tightening Torque:

acc. IEC 60947-1 50 ... 75 N·m

Technical UL/CSA

Tightening Torque:

acc. IEC 60947-1 50 ... 75 N·m

Certificates and Declarations

A2L Certificate – IEC:

[A2L Refrigerant Declaration of Conformity / OT160-800](#)

Declaration of Conformity - CE:

[Declaration of Conformity / OT630E_, OT800E_, OT600U_](#)

DNV GL Certificate:

[1SCC301184D0203](#)

External Classifications and Standards

Object Classification Code:

Q

ETIM 8:

EC000216 - Switch disconnecter

ETIM 9:

EC000216 - Switch disconnecter (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)



PRODUCTS	INDUSTRY SOLUTIONS	INVESTORS	COMPANY
Offerings A-Z	Channel partners	Investor & shareholder resources	Customer events
Services	Buildings and infrastructure	Quarterly results & annual reports	News & media
Where to buy	Industrial automation	Corporate governance	Who we are

- Marine

Oil & gas

Power generation
- Calendar, events and publications
- Innovation

Careers

Sustainability

Our values

Supplying



Provider information

Privacy Notice

Cookie settings