

PRODUCT-DETAILS

# OS600J03

## OS600J03 FUSIBLE DISCONNECT SWITCH



### General Information

Extended Product Type	OS600J03
Product ID	1SCA022825R8610
EAN	6417019284026
Catalog Description	OS600J03 FUSIBLE DISCONNECT SWITCH
Long Description	Switch Fuses,Front Operated,3-pole,03 (Left Side),Class J,600 A,Handle and shaft not included,

### Popular Downloads

Data Sheet, Technical Information	1SCC311013C0201
Instructions and Manuals	1SCC311016M0210

### Dimensions

Product Net Width	343 mm
Product Net Height	306 mm
Product Net Depth / Length	233 mm
Product Net Weight	12.22 kg 26.94 lb

## Technical

Rated Operational Current AC-21A ( $I_e$ )	(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 V) 355 kW (415 V) 355 kW (500 V) 450 kW (690 V) 630 kW
Conventional Free-air Thermal Current ( $I_{th}$ )	q = 40 °C 630 A
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 570 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
Rated Insulation Voltage ( $U_i$ )	1000 V
Rated Operational Voltage	500 V
Rated Short-time Withstand Current ( $I_{cw}$ )	for 1 s 18 kiloampere rms
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(690 V) 80 kA
Power Loss	at Rated Operating Conditions per Pole 60 W
Pollution Degree	3
Handle Type	Handle and shaft not included
Switches Operating Mechanism	03 (Left Side)
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Fuse Size	600 A
Fuse System	Class J
Operating Mode	Front Operated
Standards	UL98 IEC 60947-3
Mounting Type	Base mounting
Number of Poles	3
Terminal Type	Lug terminals
Terminal Width	39 mm

## Technical UL/CSA

Horsepower Rating UL/CSA	(acc. to UL 240 V) 200 Hp (acc. to UL 480 V) 400 Hp (acc. to UL 600 V) 500 Hp
Ampere Rating UL/CSA	600 A
Tightening Torque UL/CSA	Wire-Clamp 500 in-lb Cable Lug 480 in-lb

## Certificates and Declarations (Document Number)

CCC Certificate	CCC OS630-800 2016
Declaration of Conformity - CE	1SCC311112D2704
EAC Certificate	EAC

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Instructions and Manuals	1SCC311016M0210
RoHS Information	1SCC311108D0203

### Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	328 mm 12.91 in
Package Level 1 Depth / Length	365 mm 14.37 in
Package Level 1 Height	260 mm 10.24 in
Package Level 1 Gross Weight	13 kg 28.66 lb
Package Level 1 EAN	6417019284026

### Classifications

Object Classification Code	Q
ETIM 4	EC001040 - Fuse switch disconnecto
ETIM 5	EC001040 - Fuse switch disconnecto
ETIM 6	EC001040 - Fuse switch disconnecto
ETIM 7	EC001040 - Fuse switch disconnecto
UNSPSC	39122233
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

### Categories

Low Voltage Products and Systems → Switches → Switch Fuses

