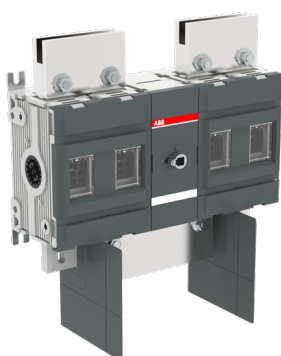


PRODUCT-DETAILS

OTDC800US22

OTDC800US22 PV Disconnect Switch



General Information

| | |
|-----------------------|---|
| Extended Product Type | OTDC800US22 |
| Product ID | 1SCA142339R1001 |
| EAN | 6417019698823 |
| Catalog Description | OTDC800US22 PV Disconnect Switch |
| Long Description | OTDC800US22 PV Disconnect Switch, Terminal bolt kit included, Handle and shaft need to be ordered separately, Base mounting, US single-wire break, UL 1000 VDC 800 A, IEC 1000 VDC 1000 A |

Ordering

| | |
|------------------------------|-----------------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85363090 |
| Replacement Product ID (NEW) | 1SCA161290R1001 |

Popular Downloads

| | |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 1SCC301022C0201 |
| Instructions and Manuals | 1SCC301095M0202 |
| Mechanical Drawings | OTDC800-1600_22_sc-6ab_palikka.igs |

1SCC307497F0202

1SCC307498F0202

Wiring Diagram

1SCC301044K0201

Dimensions

| | |
|-------------------------------|---------------------|
| Product Frame Size | L |
| Product Net Width | 414.5 mm 16.3 in |
| Product Net Height | 372 mm 14.6 in |
| Product Net Depth / Length | 145.9 mm 5.7 in |
| Product Net Weight | 25.5 kg 56.2 lb |

Technical

| | |
|---|---|
| Connection Configuration | Single circuit 6m |
| Rated Operational Current DC-21B (I_g) | (1000 V) 1250 A |
| Conventional Free-air Thermal Current (I_{th}) | 1250 A |
| Conventional Thermal Current (I_{the}) | Fully Enclosed 1000 A |
| Rated Impulse Withstand Voltage (U_{imp}) | 12 kV |
| Rated Insulation Voltage (U_i) | 1500 V |
| Rated Operational Voltage | 1000 V |
| Rated Short-Circuit Making Capacity (I_{cm}) | (1000 V DC) 10 kA |
| Rated Short-time Withstand Current (I_{cw}) | (1000 V DC) 10 kA for 1 s 10 kA |
| Protection Type | Circuit breaker |
| Power Loss | at Rated Operating Conditions per Pole 22 W |
| Pollution Degree | 3 |
| Handle Type | Handle and shaft not included |
| Shaft Diameter | 12 mm 0.47 in |
| Switches Operating Mechanism | Mechanism Between the Poles 22 (Between the Poles) |
| Position of Line Terminals | Bottom In - Bottom Out |
| Operating Mode | Front Operated |
| Standards | UL98B and IEC 60947-1, -3 |
| Special Functions | US single-wire break |
| Mounting Type | Base mounting |
| Number of Circuits | 2 |
| Number of Poles | 4 |
| Degree of Protection | Front IP20 |
| Terminal Type | Lug terminals |

| | |
|-------------------|-----------------------|
| Terminal Width | 50 mm 1.97 in |
| Tightening Torque | Cable Lug 50...75 N·m |

Technical UL/CSA

| | |
|----------------------------------|---|
| Maximum Operating Voltage UL/CSA | 1000 V DC |
| Ampere Rating UL/CSA | 1000VDC 800 A |
| Tightening Torque UL/CSA | Cable Lug 50...75 N·m Cable Lug 443...664 lbf·in |

Environmental

| | |
|---------------------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
| Environmental Information | 1SCC301234D0201 |

Certificates and Declarations (Document Number)

| | |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC301208D2702 |
| DNV GL Certificate | 1SCC301231D0201 |
| Environmental Information | 1SCC301234D0201 |
| Instructions and Manuals | 1SCC301095M0202 |
| RoHS Information | 1SCC301206D0205 |

Container Information

| | |
|--------------------------------|--------------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 400 mm 15.7 in |
| Package Level 1 Depth / Length | 435 mm 17.1 in |
| Package Level 1 Height | 170 mm 6.7 in |
| Package Level 1 Gross Weight | 26.8 kg 59.1 lb |
| Package Level 1 EAN | 6417019698823 |

Classifications

| | |
|----------------------------|--|
| Object Classification Code | Q |
| ETIM 5 | EC000216 - Switch disconnecter |
| ETIM 6 | EC000216 - Switch disconnecter |
| ETIM 7 | EC000216 - Switch disconnecter |
| UNSPSC | 39122233 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

Low Voltage Products and Systems → Switches → DC Switch-Disconnectors

