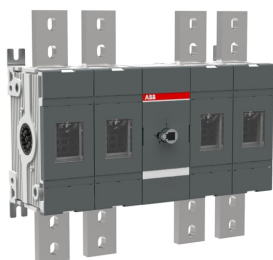


PRODUCT-DETAILS

OT1600E22-135

OT1600E22-135 Disconnecter



General Information

Extended Product Type	OT1600E22-135
Product ID	1SCA159247R1001
EAN	6417019886947
Catalog Description	OT1600E22-135 Disconnecter
Long Description	Base mounting 4-pole, front operated disconnecter up to 1500Vdc, 1600 Amperes with Connection type 2 and 2500 Amperes with Connection type 3, Utilization category DC-20B, handle and shaft not included, lug terminal , bolt kit included

Circular Value

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	1SCC301120M0201
Environmental Information	1SCC301233D0201
Environmental Product Declaration - EPD	1SCC301300D0201
REACH Declaration	1SCC301240D0201
RoHS Information	1SCC301239D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Eco Transparency

Environmental Product Declaration - EPD	1SCC301300D0201
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Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85353010
Country of Origin	Finland (FI) China (CN)

Popular Downloads

Data Sheet, Technical Information	1SCC301023C0201
Instructions and Manuals	1SCC301104M0201
Environmental Product Declaration - EPD	1SCC301300D0201
End of Life Instructions	1SCC301120M0201

Dimensions

Product Frame Size	OT1600-135
Product Net Width	414.5 mm 16.3 in
Product Net Height	372 mm 14.6 in
Product Net Depth / Length	148.5 mm 5.9 in
Product Net Weight	21.6 kg 47.6 lb

Technical

Connection Configuration	Connection type 2 or 3
Rated Operational Current DC-20B	(1500 V DC) 1600 A (1500 V DC) 2500 A
Rated Operational Current AC-20B	(1000 V AC) 1600 A (1000 V AC) 2500 A
Conventional Free-air Thermal Current (I_{th})	$\Theta = 40\text{ }^{\circ}\text{C}$ 1600 A $\Theta = 40\text{ }^{\circ}\text{C}$ 2500 A
Conventional Thermal Current (I_{the})	Fully Enclosed 1600 A Fully Enclosed 2500 A
Rated Impulse Withstand Voltage (U_{imp})	12 kV
Rated Insulation Voltage (U_i)	1500 V
Rated Short-time Withstand Current Low Voltage (I_{cwl})	for 0.3 s 36 kA for 0.3 s 50 kA for 0.3 s 65 kA
Power Loss	at Rated Operating Conditions per Pole 48 W
Pollution Degree	3

Handle Type	Handle and shaft not included
Shaft Diameter	12 mm 0.47 in
Shaft Length	280 mm 11.0 in
Switches Operating Mechanism	Mechanism Between the Poles 22 (Between the Poles)
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Operating Mode	Front Operated
Standards	UL98B and IEC 60947-1, -3
Special Functions	No
Mounting Type	Base mounting
Number of Poles	4
Degree of Protection	Front IP00
Terminal Type	Lug terminals
Terminal Width	50 mm 1.97 in
Tightening Torque	Cable Lug 50 ... 75 N·m Cable Lug 443 ... 664 lbf·in
Mechanical Durability	6000 cycle
Lock Type	No
Utilization	Energy Storage System (ESS)
Utilization Category	Connecting and disconnecting under no-load conditions - occasional actuation (DC-20B) Connecting and disconnecting under no-load conditions - occasional actuation (AC-20B)

Technical UL/CSA

Maximum Operating Voltage	1000Vdc, UL 98B
Ampere Rating	1000A, 1000Vdc, UL98B
Short-Circuit Current Rating (SCCR)	10 kA 1000 V DC
Tightening Torque	Cable Lug 50 ... 75 N·m Cable Lug 443 ... 664 lbf·in

Environmental

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	1SCC301233D0201
Toxic Substances Control Act - TSCA	1SCC011025D0201

Certificates and Declarations

CCC Certificate	2023980302000100
Declaration of Conformity - CE	1SCC301229D2701
DNV GL Certificate	1SCC301184D0204
REACH Declaration	1SCC301240D0201
UL Certificate	UL certificate OT1600E22-135

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	22.6 kg 49.9 lb
Package Level 1 EAN	6417019886947

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)

Categories

Low Voltage Products and Systems → Switches → Switch Disconnectors

