



PRODUCT-DETAILS

OT160EVLUU3BZ

OT160EVLUU3BZ Encl. Switch Disconnecter



General Information	
Extended Product Type	OT160EVLUU3BZ
Product ID	1SCA148267R1001
EAN	6417019776842
Catalog Description	OT160EVLUU3BZ Encl. Switch Disconnecter
Long Description	Encl. Switch Disconnecter, 3-p. 415V AC23 160A, 88kW. Steel sheet enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosed switch is using a galvanised steel enclosure, with polyester coating. It is suitable for outdoor use with respect to UV light and ingress protection. The enclosure have inbuilt gas pressure relief function to protect the user in case of an internal arc. The door is earthed via the hinges. The enclosure is prepared for single and parallell cables. Cable entry types can be blank , ring-flange or C-flange type (FL21), with different cable configuration, like top/bottom or bottom/bottom. The handle is padlockable for 3 padlocks, cover is interlocked, and interlock function can be bypassed for thermographing.

Circular Value	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
Toxic Substances Control Act - TSCA	1SCC340095D0201

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363090
Country of Origin	Finland (FI)

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM402518PBL.stp

Dimensions

Product Net Width	250 mm
Product Net Height	400 mm
Product Net Depth / Length	180 mm
Product Net Weight	10.4 kg

Technical

Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Conventional Thermal Current (I_{the})	Fully Enclosed 160 A
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})	(1000 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 8 kA
Rated Conditional Short- Circuit Current (I_{nc})	40.5 kA
Pollution Degree	3
Handle Color	Black
Handle Type	Pistol handle
Position of Line Terminals	Top In - Bottom Out
Standards	IEC 60947-1, -3

Number of Poles	3
Neutral Type	Detachable neutral
Connecting Capacity Main Circuit	Hole Diameter 8 mm Screw Clamp / PE Terminal 4pc,10 ... 70 mm²
Recommended Screw Driver	Main Circuit M8
Cable Entry Position	Top/Bottom
Cable Outlets Per Side	Blank /Blank, Knock-outs: 10mm, 12.5mm, 20.5mm, 25.5mm, 32.5mm, 40.5mm
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK09
Enclosure Type	MSC
Enclosure Material	Steel sheet
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	0 NO, 0 NC
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Terminal Type	Bolt
Tightening Torque	Main Circuit 6 N·m

Technical UL/CSA

Recommended Screw Driver	Main Circuit M8
Tightening Torque	Main Circuit 6 N·m

Environmental

RoHS Status	Following EU Directive 2011/65/EU
Toxic Substances Control Act - TSCA	1SCC340095D0201

Certificates and Declarations

Declaration of Conformity - CE	1SCC340001D2703
REACH Declaration	1SCC340076D0201

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	295 mm
Package Level 1 Depth / Length	510 mm
Package Level 1 Height	265 mm
Package Level 1 Gross Weight	11.5 kg
Package Level 1 EAN	6417019776842

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 → Enclosed Switches → Enclosed Switch-Disconnectors → Enclosed Switch-Disconnectors

