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 PRODUCT-DETAILS

# OT125GLUU6BZ

## OT125GLUU6BZ Encl. Switch Disconnecter




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**General Information**

Extended Product Type	OT125GLUU6BZ
Product ID	1SCA148482R1001
EAN	6417019779676
Catalog Description	OT125GLUU6BZ Encl. Switch Disconnecter

Long Description	<p>Encl. Switch Disconnecter, 6-p. 415V AC23 125A, 55kW. 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 parallel 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.</p>
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**Material Compliance**

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU
SCIP	16df28dc-17c3-4c60-aa4c-e206de75c456 Finland (FI)
Simplified SCIP	61bbfdde-b9a5-4668-a204-fd674e434de4 Belgium (BE) a1d71225-6d68-409f-9567-4a01dadd2f05 Hungary (HU) a880f309-1a15-4011-940e-90cff2fb8966 Belgium (BE) 850460ea-54df-49a7-89ec-b51bfb0af426 Italy (IT) 2c777161-b7c3-46a0-97bf-ba250683e788 Czech Republic (CZ) cbf6755b-8fd8-4c31-9c25-c7030d14354c Portugal (PT) 7bf1272e-cada-4fc5-a8e3-08f7a7c76b6a Germany (DE) a4ae83aa-bae3-411d-a622-86f2ba3c0722 Denmark (DK) bf956b9c-9d36-4601-88d1-f48b06ac55d9 Croatia (HR) f6958a1f-5225-4b43-89d9-2fa762dea5b1 Poland (PL) fba1bbb4-b11e-4c97-88de-fb1972943ec5 Netherlands (NL) 0b02270a-5a89-4f09-86f9-68e6b3352aa5 Hungary (HU) ae79a765-db3d-46bf-8d86-f275d3640bdd Estonia (EE) fc02203d-0595-4235-898d-cd980fc7ea9a Greece (GR) df7b3aad-f3e1-46d5-a0d5-c36137066470 Bulgaria (BG) 28244bb6-1703-4704-b4f7-1b1d085d47d2 Sweden (SE) c13027e2-c303-4b2e-a166-0ced4d8b802a Poland (PL) 91e32c99-6358-4850-a6b3-0b4960892d65 France (FR) 3d74c5a4-c721-40ed-a0d3-5f87022f17ef Sweden (SE) ec11df4a-ffdf-4d94-8563-cdacfc9133b1 Germany (DE) ca21702f-f3ae-447d-bc60-a5dd8e04ec31 France (FR) 581c49ab-bcbf-4dc2-998d-857334d042d6 Spain (ES) 5767b7e0-a88e-4c82-9919-a8dddfeffa188 Germany (DE) 65e8ac1b-7943-4bc8-8104-8ca3bffa6ff Norway (NO) e2fd2860-6f20-4e1a-b6c9-6715cdcecf0a2 Germany (DE) d9b949ea-5529-49b4-922d-0d9b46d45019 Poland (PL) f8b1b717-f507-4f95-8523-374302053813 Germany (DE)
Toxic Substances Control Act - TSCA	1SCC340095D0201

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Finland (FI)

## Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340005M0007
Mechanical Drawings	OTKM404023PBL.stp

## Dimensions

Product Net Width	400 mm
Product Net Height	400 mm
Product Net Depth / Length	230 mm
Product Net Weight	16.4 kg

## Technical

Rated Operational	(380 ... 415 V) 125 A
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Current AC-22A ( $I_e$ )	(500 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 125 A (500 V) 125 A (690 V) 125 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 55 kW (500 V) 75 kW (690 V) 110 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	12 kV
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 ( $I_{cm}$ )	(690 V AC) 12 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 4 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	24 kA
Power Loss	at Rated Operating Conditions per Pole 6.5 W
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	6
Neutral Type	Detachable neutral
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm <sup>2</sup> Screw Clamp / PE Terminal 8pc, 10 ... 70 mm <sup>2</sup>
Cable Cross-Section	10 ... 70 mm <sup>2</sup>
Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Cable Entry Position	Top/Bottom
Cable Outlets Per Side	Blank /Blank
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	Screw Terminals
Tightening Torque	Main Circuit 6 N·m
Mechanical Durability	20000

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## Technical UL/CSA

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Wire Stripping Length	20 mm
Recommended Screw Driver	Main Circuit Hexagon 4
Tightening Torque	Main Circuit 6 N·m

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## Certificates and Declarations

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Declaration of Conformity - CE	1SCC340001D2703
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## Container Information

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Package Level 1 Units	box 1 piece
Package Level 1 Width	415 mm
Package Level 1 Depth / Length	510 mm
Package Level 1 Height	325 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	6417019779676

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## Classifications

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Object Classification Code	Q
ETIM 8	EC000216 - Switch disconnecter
ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39122205
IDEA Granular Category Code (IGCC)	5166 >> Safety switch
eClass	V11.1 : 27371403
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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

