PRODUCT-DETAILS

OTE25A6B

OTE25A6B EMC safety switch



General Information

Extended Product Type	OTE25A6B
Product ID	1SCA022615R0500
EAN	6417019200279
Catalog Description	OTE25A6B EMC safety switch
Long Description	EMC safety switch, 6-p. 415V AC23 30A, 15kW. Mounted auxiliary contact: 1NO0NC. Plastic enclosure. IP65. RedYellow Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure in the OTE series is using a rigid glass reinforced polycarbonate enclosure. The enclosure is UV protected, protected against low-pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are for I-flange and have knock out holes, both from top and bottom. The handle is padlockable and made for three padlocks. The interlocking can be by-passed, for thermographing etc. The switch is made for 5 wire system, and have a fixed neutral terminal and PE terminal. The EMC protection is utilized by a metal plate in the bottom, connected to the cable shield with clamps, included in the delivery. No EMC glands needed.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

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REACH Declaration	1SCC340076D0201
RoHS Declaration	1SCC340075D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP	0633c75f-c489-4445-958e-31312f74301a Finland
Simplified SCIP	9e31437b-f090-482b-af44-23f615c6b52f Germany 93ba0b0e-baeb-4c5f-af92-7bf2ac6cca0a Greece 2f515993-e643-45a8-bcb7-f4d83e0ac237 Belgium 46fb1466-397d-4ae5-a22f-dc7989efc199 Germany f4d5d4df-9347-4207-8221-f0a61b6e7e2f Czech Republic b6a7ee86-253d-4ebf-9770-fa98e6fe69fc Croatia 15556f79-0351-481c-bd96-15b408c18ecd Hungary e74f13a9-30a4-4b57-911b-f66363150dfb Germany b10c33fe-1b30-423c-ad81-16b8a8d94477 Portugal 0cdac2ab-58de-4a93-b7c5-d2abfd86744b Bulgaria 90ed6267-a295-4101-9269-76a093eedc3f Germany de4bca24-ac23-44ed-8cd4-d7333e712ba0 France 3cc7b06d-9ffe-47e8-82fd-1bb6bf7c7f37 Hungary 8d288082-290d-4bff-8745-38d7a1e0dae4 Italy b955e366-2dc6-45f3-aa14-1ea9205de7ed Estonia 0f6355e3-0c68-4ef4-893a-7d909dbfd8a2 Belgium 0bd77090-c061-4bcf-a50b-7376d757fd53 Sweden 38e2bcd6-1690-49a5-b942-5af34c85d048 France 16371bfd-7fac-4ee9-b576-a7fd8575d426 Poland 28b0b3f2-5d9e-4ab1-a2e4-9286316d8a59 Poland bb77bb31-4f00-4587-b98e-943d0fdbdf76 Netherlands 96508db3-3080-45dd-b0bc-275dfaa23558 Sweden 806d0063-83a6-4ca3-b1b7-a3e15dd2a260 Denmark 97f615e6-989e-46e9-a3b8-dae0ea50115c Germany 0cb016d8-782e-4b37-a950-7bf02aa6df58 Poland a9fb03e9-4333-4026-aa75-ed569f43eacd Spain b0be3a1e-2acc-470f-8d76-8c74d6a296c9 Norway
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340003M0016 9AKK108466A4485

Environmental

Degree of Protection	acc. to IEC 60529 IP65
Pollution Degree	3

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Last Ordering Date	2026-08-31 All Countries
Replacement Product ID (NEW)	OTE25GA6M
Country or Territory of Origin	Finland

Dimensions

Product Net Width	200 mm
Product Net Height	400 mm

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Product Net Depth / Length	140 mm
Product Net Weight	3.9 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	213 mm
Package Level 1 Depth / Length	417 mm
Package Level 1 Height	197 mm
Package Level 1 Gross Weight	4.1 kg
Package Level 1 EAN	6417019200279

Technical

Cable Cross-Section	1.5 ... 35 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	I-flange / I-flange
Color	RAL7035
Connecting Capacity Main Circuit	Screw Clamp 1.5 ... 35 mm² Screw Clamp / PE Terminal 4pc,10 ... 70 mm²
Conventional Thermal Current (I_{the})	Fully Enclosed 63 A
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Plastic
Handle Color	Red / Yellow
Handle Type	Pistol handle
Impact Resistance Rating	Housing IK08
Maximum Mounted Auxiliary Contacts	2 NO, 2 NC
Mounted Auxiliary Contacts	1 NO, 0 NC
Neutral Type	Fixed Neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Poles	6P
Pollution Degree	3
Power Loss	at Rated Operating Conditions per Pole 2.8 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 45 A (500 V) 45 A (690 V) 45 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 30 A (500 V) 30 A (690 V) 20 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 15 kW (500 V) 15 kW (690 V) 15 kW
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity (I_{cm})	(690 V AC) 1.4 kA

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Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 1 kA
Special Functions	EMC
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 2 N·m
Wire Stripping Length	13 mm

Technical UL/CSA

Wire Stripping Length	13 mm
Tightening Torque	Main Circuit 2 N·m

Certificates and Declarations

BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340004D2705
DNV GL Certificate	1SCC340045D0203

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC000216 - Switch disconnector (low voltage)
ETIM 10	EC000216 - Switch disconnector (AC)
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)

Categories

Low Voltage Products and Systems → Enclosed Switches → Enclosed Safety Switches → Enclosed Safety Switches

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