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**PRODUCT-DETAILS**

## OTP125B6M

### OTP125B6M Enclosed Switch Disconnector



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**General Information**

Extended Product Type	OTP125B6M
Product ID	1SCA022812R7340
EAN	6417019274898
Catalog Description	OTP125B6M Enclosed Switch Disconnector
Long Description	Encl. Switch Disconnector, 6-p. 415V AC23 90A, 45kW. Plastic enclosure. IP65. Black Pistol handle. Interlocked cover. Defeatable interlocking. The enclosure in the OTP 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 threaded and have knock out holes for 2 parallel cables and one control cable, both from top and bottom. The handle is padlockable and made for three padlocks. The cover is interlocked. 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.

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**Circular Value**

Conflict Minerals	9AKK108467A5658
Reporting Template (CMRT)	
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201
Toxic Substances Control Act - TSCA	1SCC340095D0201

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## Ordering

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

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## Popular Downloads

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Data Sheet, Technical Information	<a href="#">1SCC340015C0201</a>
Instructions and Manuals	<a href="#">1SCC340002M0012</a>

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## Dimensions

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Product Net Width	200 mm
Product Net Height	400 mm
Product Net Depth / Length	140 mm
Product Net Weight	3 kg

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## Technical

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Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 125 A (690 V) 125 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 90 A (500 V) 70 A (690 V) 50 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
Conventional Thermal Current ( $I_{the}$ )	Fully Enclosed 125 A
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 750 V
Rated Operational Voltage	Main Circuit 750 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V AC) 3.6 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 2.5 kA
Power Loss	at Rated Operating Conditions per Pole 6.3 W
Pollution Degree	3
Handle Color	Black
Handle Type	Pistol handle
Standards	IEC 60947-1, -3
Number of Poles	6
Neutral Type	Fixed neutral
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm <sup>2</sup> Screw Clamp / PE Terminal 4pc, 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 and/or Bottom
Cable Outlets Per Side	2xM50+M16 / 2xM50+M16
Degree of Protection	acc. to IEC 60529 IP65
Impact Resistance Rating	Housing IK08
Enclosure Material	Plastic

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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
<u>Tightening Torque</u>	<u>Main Circuit 6 N·m</u>

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### Technical UL/CSA

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

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### Environmental

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

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### Certificates and Declarations

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BV Certificate	1SCC340018D0204
Declaration of Conformity - CE	1SCC340003D2704
DNV GL Certificate	1SCC340045D0203
<u>REACH Declaration</u>	<u>1SCC340076D0201</u>

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### Container Information

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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	3.2 kg
<u>Package Level 1 EAN</u>	<u>6417019274898</u>

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### Classifications

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Object Classification Code	Q
ETIM 7	EC000216 - Switch disconnector
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
eClass	V11.1 : 27371403
<u>WEEE Category</u>	<u>5. Small Equipment (No External Dimension More Than 50 cm)</u>

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## Categories

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

