PRODUCT-DETAILS

KSE3100TPN

KSE3100TPN Enclosed Switch Disconnector



General Information

Extended Product Type	KSE3100TPN
Product ID	2CMA144585R1000
EAN	7392696445856
Catalog Description	KSE3100TPN Enclosed Switch Disconnector
Long Description	Encl. Switch Disconnector, 3-p. 415V AC23 80A, 45kW. Aluminium enclosure. IP65. Black Round handle. Interlocked cover. The dye casted aluminum alloy (silumin) enclosure is extremely rigid, and well suited for harsh environment. The surface is polyester coated and well protected from corrosion. Installation is made easy, thanks to the easy access to terminals, screwed cover and with the grommet type of glands included (IP54). The cover is interlocked, and handle padlockable with two padlocks. The handle can also be padlocked in On position, by removing two small plastic bits. N and PE terminals included.

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201
RoHS Information	1SCC340075D0201

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

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	1SCC340166M0205
Mechanical Drawings	OTFK2231614RM40.stp

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Bulgaria (BG)

Dimensions

Product Net Width	160 mm
Product Net Height	230 mm
Product Net Depth / Length	118 mm
Product Net Weight	1.83 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	170 mm
Package Level 1 Depth / Length	240 mm
Package Level 1 Height	150 mm
Package Level 1 Gross Weight	1.83 kg
Package Level 1 EAN	7392696445856

Technical

Cable Cross-Section	10 ... 70 mm^2
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM40 / 2xM40+M16
Connecting Capacity Main Circuit	Screw Clamp 10 ... 70 mm^2 Screw Clamp / PE Terminal 1pc,6 ... 35 mm^2
Conventional Free-air Thermal Current (I_{th})	115 A
Conventional Thermal Current (I_{the})	Fully Enclosed 125 A
Enclosure Material	Aluminium
Handle Color	Black
Handle Type	Round handle
Impact Resistance Rating	Housing IK09
Maximum Mounted	2 NO, 2 NC

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Auxiliary Contacts	
Mounted Auxiliary Contacts	0 NO, 0 NC
Neutral Type	Fixed neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Poles	3P
Protection Type	Watertight
Rated Conditional Short-Circuit Current (I_{nc})	16.5 kA
Rated Current (I_n)	100 A
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 750 V
Rated Operational Current AC-22A (I_e)	(380 ... 415 V) 100 A (500 V) 100 A (690 V) 100 A
Rated Operational Current AC-23A (I_e)	(380 ... 415 V) 80 A (500 V) 60 A (690 V) 40 A
Rated Operational Power AC-23A (P_e)	(380 ... 415 V) 45 kW (500 V) 45 kW (690 V) 45 kW
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
Recommended Screw Driver	Main Circuit Hexagon 4
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 6 N·m
Wire Stripping Length	20 mm

Technical UL/CSA

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

Certificates and Declarations

Declaration of Conformity - CE	1SCC340062D2702

Classifications

Object Classification Code	Q 2CMT005069
ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
UNSPSC	39122205
IDEA Granular Category	5166 >> Safety switch

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Code (IGCC)	
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





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