



PRODUCT-DETAILS

# KSE425TPSN

## KSE425TPSN Enclosed Switch Disconnecter



General Information	
Extended Product Type	KSE425TPSN
Product ID	2CMA142413R1000
EAN	7392696424134
Catalog Description	KSE425TPSN Enclosed Switch Disconnecter
Long Description	Encl. Switch Disconnecter, 4-p. 415V AC23 16A, 7.5kW. Aluminium enclosure. IP65. Grey Side-operated handle. Interlocked cover. The enclosure of the ABB´s side controlled enclosed switches are made of rigid silumin. The paint is UV protected, and enclosure is protected against low pressure water jets (IP65), and hence built for outdoor and indoor use. The cable entries are threaded and entries for 2 parallell cables, both from top and bottom. Membrane grommets are included (IP54). The handle is padlockable and made for one padlock. The cover is interlocked. The switch is made for 5 wire system, and have a switchable neutral terminal and PE terminal. The terminals are easily accessible for easy installation.

Material Compliance	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC340076D0201

RoHS Information	1SCC340075D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	1SCC340095D0201

Popular Downloads

Data Sheet, Technical Information	1SCC340015C0201
Instructions and Manuals	9AKK108467A6812
Mechanical Drawings	BAS1131160DM25.stp

Environmental

Degree of Protection	acc. to IEC 60529 IP65
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Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country or Territory of Origin	Bulgaria

Dimensions

Product Net Width	111 mm
Product Net Height	130 mm
Product Net Depth / Length	60 mm
Product Net Weight	0.56 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	112 mm
Package Level 1 Depth / Length	131 mm
Package Level 1 Height	62 mm
Package Level 1 Gross Weight	0.56 kg
Package Level 1 EAN	7392696424134

Technical

Cable Cross-Section	0.75 ... 10 mm²
Cable Entry Position	Top and/or Bottom
Cable Outlets Per Side	2xM25 / 2xM25
Connecting Capacity Main Circuit	Screw Clamp 0.75 ... 10 mm² Screw Clamp / PE Terminal 1pc,0.75 ... 10 mm²
Conventional Free-air Thermal Current (I <sub>th</sub> )	32 A
Conventional Thermal	Fully Enclosed 25 A

Current ( $I_{the}$ )	
Degree of Protection	acc. to IEC 60529 IP65
Enclosure Material	Aluminium
Handle Color	Grey
Handle Type	Side-operated handle
Impact Resistance Rating	Housing IK09
Maximum Mounted Auxiliary Contacts	1 NO, 0 NC
Mounted Auxiliary Contacts	0 NO, 0 NC
Neutral Type	Switchable Neutral
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Poles	4P
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 690 V
Rated Operational Current AC-22A ( $I_e$ )	(380 ... 415 V) 25 A (500 V) 25 A (690 V) 16 A
Rated Operational Current AC-23A ( $I_e$ )	(380 ... 415 V) 16 A (500 V) 16 A (690 V) 10 A
Rated Operational Power AC-23A ( $P_e$ )	(380 ... 415 V) 7.5 kW (500 V) 7.5 kW (690 V) 7.5 kW
Rated Operational Voltage	Main Circuit 690 V
Rated Short-Circuit Making Capacity ( $I_{cm}$ )	(690 V AC) 0.71 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	for 1 s 0.5 kA
Recommended Screw Driver	Main Circuit Pozidriv 2
Standards	IEC 60947-1, -3
Tightening Torque	Main Circuit 1.2 N·m
Wire Stripping Length	7 mm

### Technical UL/CSA

Wire Stripping Length	7 mm
Recommended Screw Driver	Main Circuit Pozidriv 2
Tightening Torque	Main Circuit 1.2 N·m

### Certificates and Declarations

Declaration of Conformity - CE	1SCC340062D2702
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### External Classifications and Standards

Object Classification Code	Q 2CMT005069
ETIM 9	EC000216 - Switch disconnecter (low voltage)
ETIM 10	EC000216 - Switch disconnecter (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 Switch-Disconnectors → Enclosed Switch-Disconnectors



Submitted by TECO Group