PRODUCT-DETAILS

BZH1600A-T-1P-M12-TK

BZH1600A-T-1P-M12-TK Switch disconnector



General Information

Extended Product Type	BZH1600A-T-1P-M12-TK
Product ID	1SEP622024R0001
EAN	3800161652776
Catalog Description	BZH1600A-T-1P-M12-TK Switch disconnector
Long Description	Cu+ switch disconnectors are specially engineered to perform in surroundings with high ambient temperatures and are available as 1P and 3P variants. All Cu+ switch disconnectors have been tested and approved for performance exceeding the requirements of IEC60947-1 and IEC60947-3. Enabling use in ambient temperatures up to 55°C (131°F) without requiring derating, the switches can be applied with 100% of the rated current Ie. Cu+ switch disconnectors are available for 1000A – 2000A and are factory equipped with optimized fuse knives. InLine II Cu+ replaces the old range of SLBM and BSL switches 1:1.

ABB EcoSolutions

ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108470A6421

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Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SCC011021D0201
RoHS Declaration	1SCC011020D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Popular Downloads

Data Sheet, Technical Information	1SEC312023D0201
Instructions and Manuals	9AKK107680A5077
Mechanical Drawings	9AKK107680A8040 9AKK107991A5720 9AKK107991A5721
Electrical Drawings	9AKK108466A4607 9AKK108466A4606

Environmental

Degree of Protection	Front IP30

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099
Country or Territory of Origin	Bulgaria

Dimensions

Product Frame Size	High
Product Net Width	199 mm
Product Net Height	775 mm
Product Net Depth / Length	211 mm
Product Net Weight	17.8 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	199 mm
Package Level 1 Depth / Length	211 mm
Package Level 1 Height	775 mm
Package Level 1 Gross Weight	18.5 kg
Package Level 1 EAN	3800161652776

Technical

Degree of Protection	Front IP30
Device Type Manager (DTM)	Switch disconnector
Distance Between Phases	185 mm

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Electronic Fuse Monitoring	No
Fuse Size	Solid link
Fuse System	DIN
Handle Type	1P
Number of Poles	3P
Power Loss	at Rated Load 516.2 W
Rated Current (I_n)	Main Circuit 1600 A
Rated Impulse Withstand Voltage (U_{imp})	Main Circuit 8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Current AC-20B	(690 V) 1600 A (500 V) 1600 A
Rated Operational Current AC-21B (I_e)	(690 V) 1600 A (500 V) 1600 A
Rated Operational Current AC-22B (I_e)	(500 V) 1600 A
Rated Operational Voltage	690 V AC
Rated Short-Circuit Making Capacity (I_{cm})	30 kiloampere rms
Rated Short-time Withstand Current Low Voltage (I_{cw})	(730 V AC) 30 kiloampere rms for 1 s 30 kiloampere rms
Standards	IEC60947-3
Terminal Type	Bolt
Tightening Torque	35 N·m

Technical UL/CSA

Tightening Torque	35 N·m

Certificates and Declarations

Declaration of Conformity - CE	1SEP500046P0001

External Classifications and Standards

Object Classification Code	Q
ETIM 9	EC001040 - Fuse switch disconnector
ETIM 10	EC000216 - Switch disconnector (AC)
eClass	V11.1 : 27371401
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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Categories

Low Voltage Products and Systems → Fusegear → Fuse Switch Disconnectors → Inline II






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