PRODUCT-DETAILS

UA1-24

UA1-24 Undervoltage release 24 V



General Information

Extended Product Type	UA1-24
Product ID	1SAM201904R1001
EAN	4013614320422
Catalog Description	UA1-24 Undervoltage release 24 V
Long Description	Undervoltage release UA1 releases the manual motor starter or prevents it from being switched on when its voltage supply is interrupted. This can be used in emergency switching circuits or can prevent an automatic restart after voltage interruption. UA1 is attached laterally on the left side of MS116, MS132 or MS165 manual motor starters.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202

© 2024 ABB. All rights reserved.

Instructions and Manuals	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802 2CDC131120M6801 2CDC131081M6801 2CDC131082M6801
Instructions and Manuals (Part 3)	1SBC100214C0202
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	18 mm
Product Net Height	90 mm
Product Net Depth / Length	75.5 mm
Product Net Weight	0.1 kg

Technical

Terminal Type	Screw Terminals
Rated Control Supply Voltage (U_S)	(50 Hz) 24 V
Rated Impulse Withstand Voltage (U_{imp})	Auxiliary Circuit 6 kV
Rated Insulation Voltage (U_i)	690 V
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm² Flexible 1/2x 0.75 ... 2.5 mm² Rigid 1/2x 1 ... 4 mm²
Tightening Torque	Auxiliary Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 10 mm
Recommended Screw Driver	Pozidriv 2
Standards	CSA 22.2 No. 14 IEC/EN 60947-1 IEC/EN 60947-4-1 UL 508 UL 60947-1 UL 60947-4-1
Product Name	Undervoltage Release
Suitable For	MS116 MS132 MO132 MS165 MO165
Suitable for Product Class	Manual Motor Starter
Accessory Group	Electrical
Accessory Type	Undervoltage Release
Remarks	The mechanical and electrical durability of manual motor starters in combination with UA1/AA1 is reduced. Values are provided on request.

Technical UL/CSA

© 2024 ABB. All rights reserved.

Connecting Capacity Auxiliary Circuit UL/CSA	Flexible 1/2x 16-12 AWG Stranded 1/2x 16-12 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -50 ... +80 °C
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 15g

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SAA963005-4502
RoHS Information	1SAA963006-4502
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006539
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

ABS Certificate	1SAA963001-0101
BV Certificate	1SAA963002-0201
cUL Certificate	cUL_E137861
Declaration of Conformity - CE	1SAD101100-3411
Declaration of Conformity - UKCA	1SAD201100-3411
DNV GL Certificate	1SAA963001-0304
LR Certificate	1SAA963001-0502 1SAA918001-0501
RINA Certificate	1SAA963002-0802
UL Certificate	UL_E137861

Container Information

Package Level 1 Width	93 mm
Package Level 1 Depth / Length	25 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	0.11 kg
Package Level 1 EAN	4013614320422
Package Level 1 Units	box 1 piece
Package Level 2 Width	280 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross	9.175 kg

© 2024 ABB. All rights reserved.

Weight	
Package Level 2 EAN	4013614526084
Package Level 2 Units	carton 80 piece

Classifications

Object Classification Code	Q
ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC001022 - Under voltage coil
ETIM 6	EC001022 - Under voltage coil
ETIM 7	EC001022 - Under voltage coil
ETIM 8	EC001022 - Under voltage coil
eClass	V11.0 : 27370417
UNSPSC	39121010
IDEA Granular Category Code (IGCC)	4148 >> Under voltage coil
E-Number (Norway)	4364285
E-Number (Sweden)	3112021

Categories

Low Voltage Products and Systems → Circuit Breakers → Manual Motor Starters

Low Voltage Products and Systems → Control Products → Manual Motor Starters → Manual Motor Starters



© 2024 ABB. All rights reserved.