

# UA1-230



## UA1-230 Undervoltage Release

### General Information

Extended Product Type	UA1-230
Product ID	1SAM201904R1005
EAN	4013614320460
Catalog Description	UA1-230 Undervoltage Release
Long Description	UA1-230 Undervoltage release 230 V 50 Hz / 240 V 60 Hz

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

### Popular Downloads

Data Sheet, Technical Information	1SBC100192C02--
Instructions and Manuals	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802

### 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 ( $U_s$ )	230 V / 50 Hz 240 V / 60 Hz
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 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup> Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>

Tightening Torque	Auxiliary Circuit 0.8 ... 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 10 mm
Recommended Screw Driver	Pozidriv 2
Standards	IEC/EN 60947-1 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1 UL 508 CSA 22.2 No. 14
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

—

## 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
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

—

## Technical UL/CSA

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

—

## Certificates and Declarations (Document Number)

ABS Certificate	1SAA963001-0101
BV Certificate	1SAA963002-0201
cUL Certificate	cUL_E137861
Declaration of Conformity - CE	1SAD938500-0198 1SAD938500-0197 1SAD938510-0125 1SAD938502-0190 1SAD938501-0191 1SAD938502-0188
DNV GL Certificate	1SAA963001-0304
GOST Certificate	1SAA937000-2703
Instructions and Manuals	2CDC131011M6802 2CDC131034M6801 2CDC131022M6802
LR Certificate	1SAA963001-0502 1SAA918001-0501
RINA Certificate	1SAA963000-0802
RoHS Information	1SAA963001-4407
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	4013614320460
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 Weight	9.175 kg
Package Level 2 EAN	4013614526121
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
eClass	7.0 27370417
UNSPSC	39121521

## Categories

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

