

# AA1-110



## AA1-110 Shunt Trip

### General Information

Extended Product Type	AA1-110
Product ID	1SAM201910R1002
EAN	4013614343322
Catalog Description	AA1-110 Shunt Trip
Long Description	AA1-110 Shunt Trip 110V

### 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 ( $U_s$ )	110 V / 50 Hz 110 V / 60 Hz 110 ... 200 V AC 110 ... 200 V DC
Rated Frequency (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC
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	Shunt Trip
Suitable For	MS116 MS132 MO132 MS165 MO165
Suitable for Product Class	Manual Motor Starter
Accessory Group	Electrical
Accessory Type	Shunt Trip

## 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	1SAD938501-0191 1SAD938516-0060 1SAD938502-0188 1SAD938504-0183 1SAD938502-0190 1SAD938510-0125
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

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## 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	4013614343322
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	4013614526053
Package Level 2 Units	carton 80 piece

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## Classifications

Object Classification Code	Q
ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC001023 - Shunt release (for power circuit breaker)
ETIM 6	EC001023 - Shunt release (for power circuit breaker)
ETIM 7	EC001023 - Shunt release (for power circuit breaker)
eClass	7.0 27370418
UNSPSC	39121521

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## Categories

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

