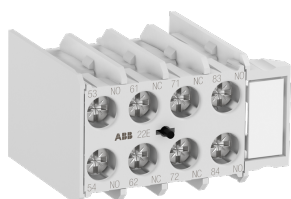


PRODUCT-DETAILS

# MARN431AT

## MARN431AT Auxiliary Contact Block



### General Information

Extended Product Type	MARN431AT
Product ID	1SAL100990R9906
EAN	4013614550249
Catalog Description	MARN431AT Auxiliary Contact Block
Long Description	MARN431AT Auxiliary Contact 3NO/1NC screw terminal, front mounted EN 50005

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

### Popular Downloads

Instructions and Manuals	2CDC102075M9901
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### Dimensions

Product Net Width	45 mm
Product Net Height	27 mm
Product Net Depth / Length	35 mm
Product Net Weight	0.04 kg

## Technical

Rated Operational Voltage	Auxiliary Circuit 690 V AC Auxiliary Circuit 440 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 ( $U_i$ )	750 V
Number of Poles	4
Degree of Protection	IP20
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup> Flexible with Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 0.75 ... 2.5 mm <sup>2</sup>
Tightening Torque	Auxiliary Circuit 0.8 N·m
Wire Stripping Length	Auxiliary Circuit 9 mm
Recommended Screw Driver	Auxiliary Circuit Pozidriv 2
Standards	IEC/EN 60947-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-5-1
Number of Auxiliary Contacts NO	3
Number of Auxiliary Contacts NC	1
Number of Main Contacts NC	0
Number of Main Contacts NO	0
Conventional Free-air Thermal Current ( $I_{th}$ )	Auxiliary Circuit 10 A
Product Name	Auxiliary Contact Block
Suitable For	MC1 MC2 MCR equipped with Screw terminals
Suitable for Product Class	Mini Contactors

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V AC
Connecting Capacity Auxiliary Circuit UL/CSA	Stranded 18-12 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 7 in·lb
Contact Rating UL/CSA	A600 Q600

## Environmental

Ambient Air Temperature	Operation -40 ... +70 °C Storage -55 ... +80 °C
Maximum Operating Altitude Permissible	3000 m

RoHS Status

Following EU Directive 2011/65/EU

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### Certificates and Declarations (Document Number)

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CB Certificate	1SAA971003-2001
CQC Certificate	CQC2019010304193152
cULus Certificate	cUL_E48139
Declaration of Conformity - CCC	2020980304001603
Declaration of Conformity - CE	1SAD938503-0305
Declaration of Conformity - UKCA	1SAD938501-1305
Instructions and Manuals	2CDC102075M9901
RINA Certificate	1SAA971000-0801
RoHS Information	1SAD938503-0305

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### Container Information

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Package Level 1 Width	100 mm
Package Level 1 Depth / Length	30 mm
Package Level 1 Height	100 mm
Package Level 1 Gross Weight	0.045 kg
Package Level 1 EAN	4013614550249
Package Level 1 Units	bag 1 piece
Package Level 2 Width	100 mm
Package Level 2 Depth / Length	150 mm
Package Level 2 Height	105 mm
Package Level 2 Gross Weight	0.45 kg
Package Level 2 EAN	4013614550737
Package Level 2 Units	box 10 piece

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### Classifications

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Object Classification Code	K
ETIM 5	EC000041 - Auxiliary contact block
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
eClass	V11.0 : 27371302
UNSPSC	39121522
E-Number (Finland)	3709482

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### Categories

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Low Voltage Products and Systems → Control Products → Contactors → Mini Contactors Accessories

