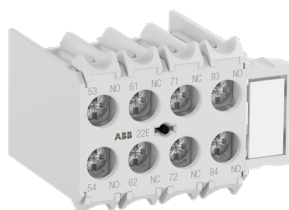




PRODUCT-DETAILS

MACN413AR

MACN413AR Auxiliary Contact 1NO/3NC ring tongue terminal, front mounted



General Information	
Extended Product Type	MACN413AR
Product ID	1SAL103561R9906
EAN	4013614550331
Catalog Description	MACN413AR Auxiliary Contact 1NO/3NC ring tongue terminal, front mounted
Long Description	The MACN413AR is an auxiliary contact for front mounting with 1NO/3NC contacts and ring tongue terminals. Auxiliary contacts are used for the operation of auxiliary circuits and control circuits. The auxiliary contact meets the requirements of EN 50012.

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85365080

Popular Downloads	
EPLAN Data	9AAC166197_EPLAN
Data Sheet, Technical Information	1SBC100214C0202

Instructions and Manuals	2CDC102075M9901
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

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

Technical

Number of Main Contacts NO	0
Number of Main Contacts NC	0
Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	3
Number of Poles	4P
Standards	IEC/EN 60947-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-5-1
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
Conventional Free-air Thermal Current (I_{th})	Auxiliary Circuit 10 A
Rated Operational Current AC-15 (I_e)	(240 V) 6 A (400 V) 4 A (500 V) 2.5 A (690 V) 1.5 A
Rated Insulation Voltage (U_i)	750 V
Rated Impulse Withstand Voltage (U_{imp})	Auxiliary Circuit 6 kV
Maximum Electrical Switching Frequency	(AC-15) 360 cycles per hour (DC-13) 360 cycles per hour
Minimum Switching Capacity	> 17 V > 5 mA
Power Loss	at Rated Operating Conditions per Pole 0.4 W
Connecting Capacity Auxiliary Circuit	Flexible 1/2x 0.75 ... 2.5 mm ² Rigid 1/2x 0.75 ... 2.5 mm ²
Wire Stripping Length	Auxiliary Circuit 9 mm
Degree of Protection	IP20
Recommended Screw Driver	Auxiliary Circuit Pozidriv 2
Tightening Torque	Auxiliary Circuit 0.8 N·m
Terminal Type	Ring-Tongue Terminals
Suitable For	MC1 MC2 equipped with Ring Tongue terminals

Suitable for Product Class	Mini Contactors
Product Name	Auxiliary Contact Block

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V AC
General Use Rating UL/CSA	(600 V AC) 10 A
Connecting Capacity Auxiliary Circuit UL/CSA	Stranded 18-12 AWG
Contact Rating UL/CSA	A600 Q600
Tightening Torque UL/CSA	Auxiliary Circuit 7 in-lb

Environmental

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

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

CB Certificate	1SAA971003-2001
CQC Certificate	CQC2019010304193152
Declaration of Conformity - CCC	2020980304001603
Declaration of Conformity - CE	1SAD101100-3201
Declaration of Conformity - UKCA	1SAD201100-3201
RINA Certificate	1SAA971000-0801
UL Certificate	E48139-19960510

Container Information

Package Level 1 Units	bag 1 piece
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	4013614550331
Package Level 2 Units	box 10 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	4013614550829

External Classifications and Standards

Object Classification Code	K
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block
ETIM 9	EC000041 - Auxiliary contact block
eClass	V11.0 : 27371302
UNSPSC	39121522
E-Number (Finland)	3709647

Categories

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

