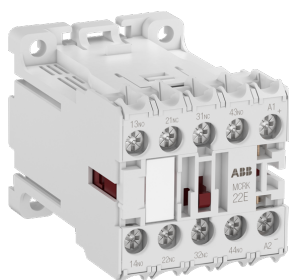


PRODUCT-DETAILS

# MCRK022ARD

## MCRK022ARD Mini Contactor Relay 2NO+2NC 24VDC 2W



### Algemene informatie

Type	MCRK022ARD
Artikelnummer	1SAH100540R9900
EAN	4013614547935
Omschrijving	MCRK022ARD Mini Contactor Relay 2NO+2NC 24VDC 2W

Omschrijving

The MCRK022ARD mini contactor relay is a dimension optimized 4 pole contactor relay with special screw terminals for a connection with ring tongue ferrules. This device is a great solution when high performances are needed but the space is limited. Mini contactors are used in residential buildings, commercial buildings and industrial applications for switching of control signals up to 6 A / 240 V (AC-15). Thanks to the very low energy consumption coil, this product can be directly controlled by a PLC. The product is suitable for wall or rail mounting.

### Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080
Product hoofdtype	MCR

### Popular Downloads

Instructies en handleidingen	2CDC103061M6801
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

Product netto breedte	45 mm
Product netto diepte	68 mm
Product netto hoogte	48 mm
Product netto gewicht	0.245 kg

## Technical

Spoelverbruik	Average Holding Value DC 2 W Average Pull-in Value DC 2 W
Spoel operationele limieten	(acc. to IEC 60947-5-1) for DC supply 0.85 ... 1.1 x U <sub>c</sub> (at $\theta \leq 55$ °C)
Verbindingscapaciteit hulpcircuit	Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 0.75 ... 2.5 mm <sup>2</sup>
Verbindingscapaciteit controlecircuit	Flexible 1/2x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1/2x 0.75 ... 2.5 mm <sup>2</sup>
Maximale elektrische schakelfrequentie	(AC-15) 360 omwentelingen per uur (DC-13) 360 omwentelingen per uur
Mechanische duurzaamheid	10000000 cycle
Type minicontactor	Mini Contactor Relay
Minimale montageafstand	Other Device Same Type, Horizontal 0 mm
Minimale schakelcapaciteit	Auxiliary Circuit 17 V Auxiliary Circuit 5 mA
Plaats van inbouw	1 ... 6
Montagetype	DIN-rail Schroef
Montage op DIN-rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Aantal hulpcontacten NC	2
Aantal hulpcontacten NO	2
Aantal hoofdcontacten NC	0
Aantal hoofdcontacten NO	0
Aantal polen	0
Vermogensverlies	at Rated Operating Conditions per Pole 0.4 W
Nominale stuurstroomkringspanning (U <sub>c</sub> )	24 V DC
Toegekende frequentie (f)	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Control Circuit DC
Nominale impuls grensvoltage (U <sub>imp</sub> )	Auxiliary Circuit 6 kV
Nominaal isolatievoltage	750 V

(U<sub>i</sub>)

Nominale bedrijfsstroom AC-15 (I <sub>g</sub> )	(240 V) 6 A (400 V) 4 A (500 V) 2.5 A (690 V) 1.5 A
Nominale bedrijfsstroom DC-13 (I <sub>g</sub> )	(24 V) 5 A (48 V) 2.5 A (125 V) 0.55 A (250 V) 0.3 A (440 V) 0.15 A
Nominaal bedrijfsvoltage	Auxiliary Circuit 690 V AC Auxiliary Circuit 440 V DC
Aanbevolen schroevendraaier	Pozidriv 2
Beschermende apparaten met kortsluiting	gG Type Fuses 10 A
Normen	IEC/EN 60947-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-5-1
Terminaltype	Ring-Tongue Terminals
Aanhaalmoment	Auxiliary Circuit 0.8 ... 1.0 N·m Control Circuit 0.8 N·m
Kabelstriplengte	Auxiliary Circuit 9 mm Control Circuit 9 mm

## Technical UL/CSA

Verbindingscapaciteit hulpcircuit UL/CSA	Stranded 1/2x 18-12 AWG
Contactklasse UL/CSA	A600 Q600
Algemeen gebruik klasse UL/CSA	(600 V AC) 10 A
Maximale bedrijfsspanning UL/CSA	600 V AC
Testwerking van contactelementen vlg. UL508	A600 Q600 A600 Q600
Aanhaalmoment UL/CSA	Auxiliary Circuit 7 in-lb Control Circuit 7 in-lb Main Circuit 7 in-lb

## Environmental

Omgevingsluchttemperatu ur	Werking -40 ... +70 °C Opslag -55 ... +80 °C
Conventionele vrije-lucht thermische stroom (I <sub>th</sub> )	Auxiliary Circuit 10 A
Beschermingsgraad	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 Main Circuit Terminals IP20
Maximale werkhoogte toegestaan	3000 m
Schokweerstand volgens	11 ms Pulse 25g

IEC 60068-2-27	
Weerstand tegen trillingen volgens IEC 60068-2-6	5g / 3 ... 150 Hz
RoHS-informatie	2CMT2021-006277
AEEA B2C / B2B	Business To Business
WEEE-categorie	5. Small Equipment (No External Dimension More Than 50 cm)

## Certificates and Declarations

CB-certificaat	1SAA971001-2001
CQC-certificaat	CQC2019010303193580
Declaration of Conformity - CCC	2020980303000255
Conformiteitsverklaring - CE	1SAD101100-3201
Declaration of Conformity - UKCA	1SAD201100-3201
UL-certificaat	E48139-19880829

## Container Information

Pakketniveau 1 Units	doos 1 stuk
Pakketniveau 1 Breedte	46 mm
Pakketniveau 1 Lengte	49 mm
Pakketniveau 1 Hoogte	70 mm
Pakketniveau 1 Brutogewicht	0.25 kg
Pakketniveau 1 EAN	4013614547935
Pakketniveau 2 Units	doos 10 stuk
Pakketniveau 2 Breedte	243 mm
Pakketniveau 2 Lengte	106 mm
Pakketniveau 2 Hoogte	80 mm
Pakketniveau 2 Brutogewicht	2.56 kg
Pakketniveau 2 EAN	4013614547997

## Classifications

eClass	V11.0 : 27371001
ETIM 6	EC000196 - Hulprelais
ETIM 7	EC000196 - Contactor relay
ETIM 8	EC000196 - Hulprelais
ETIM 9	EC000196 - Hulprelais
Object classificatiecode	K
UNSPSC	39121500

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## Categorieën

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Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Mini Contactor Relays

