

# Micro Contactor MA



- Relay-size contactor, making it the smallest in the world
- >3mm contact clearance acc. to IEC 60335-1 for Safety Applications
- Reversing contactor with mechanical interlock
- 3 Pole and 1 Aux. Contact NO or NC
- 5A AC3 @ 400VAC (2.2kW) – 12A AC1 @ 400VAC
- AC coil voltages – TS15 Din rail mounting
- DC coil and PCB mounting pending



## Technical Data acc. to IEC 60947-4-1

	Type	MA05-S MA05-R-S
<b>Main contacts</b>		
AC1 Ie (=Ith) open at 40°C	A	12
AC2, AC3 400V	A	5
400V	kW	2.2
Fuse	"Typ1" gL (gG)	A max.
<b>Cable Cross-Section</b>		
Solid	mm <sup>2</sup>	0,5 - 1,5
Flexible	mm <sup>2</sup>	0,5 - 1,5
Solid	AWG	18 - 14
Flexible	AWG	18 - 14
Clamps per pole		2
<b>Terminals</b>		
Terminal Screws		M2,5
Screw Driver	Pozidriv	Pz0
Tightening Torque	NM	0,6
<b>Coil AC-operated (24VAC / 110VAC / 230VAC / 400VAC)</b>		
Operation Range		0,85 - 1,1
Inrush VA 17	VA	17
Hold VA 2,5	VA	2.5

## Technical Data for North America acc. to UL508

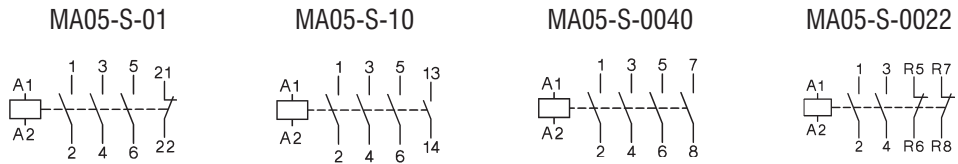
	Type	MA05-S MA05-R-S
<b>Main Contacts (CULus)</b>		
Rated operational current "General Use"	A	12
Rated operational power of three phase motors at 60Hz (3ph)	hp	0.5
	hp	1
	hp	1
	hp	1.5
Rated operational power of AC motors at 60Hz (1ph)	hp	0.16
	hp	0.5
	hp	0.75
Fuse / Short-circuit current	A/kA	30/5
Rated voltage	V~	300
<b>Auxiliary contacts (cULus)</b>		
Heavy pilot duty	AC	-
Standard pilot duty	DC	-

 Pending

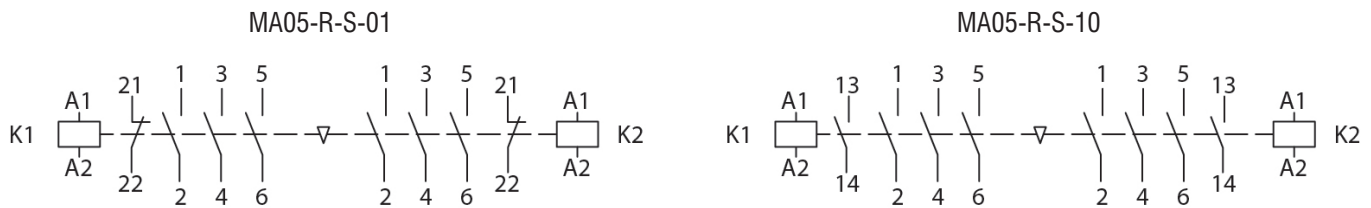
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## Wiring Diagrams



## Reversing Contactors



## Dimensions for Contactors and Reversing Contactors

