

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
Main contacts			
AC1 le (=lth) open at 40°C		A	12
AC2, AC3 400V		A	5
400V		kW	2.2
Fuse	"Typ1" gL (gG)	A max.	-
Cable Cross-Section			
Solid	mm ²		0,5 - 1,5
Flexible	mm ²		0,5 - 1,5
Solid	AWG		18 - 14
Flexible	AWG		18 - 14
Clamps per pole			2
Terminals			
Terminal Screws			M2,5
Screw Driver	Pozidriv		Pz0
Tightening Torque	NM		0,6
Coil AC-operated (24VAC / 110VAC / 230VAC / 400VAC)			
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

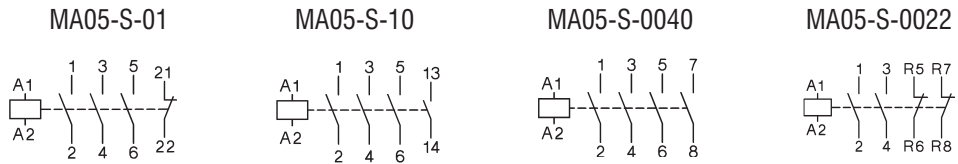
		Type	MA05-S MA05-R-S
Main Contacts (CULus)			
Rated operational current "General Use"		A	12
Rated operational power of three phase motors at 60Hz (3ph)	110-120V	hp	0.5
	200-208V	hp	1
	220-240	hp	1
	277V	hp	1.5
Rated operational power of AC motors at 60Hz (1ph)	110-120V	hp	0.16
	200-208V	hp	0.5
	220-240V	hp	0.75
Fuse / Short-circuit current		A/kA	30/5
Rated voltage		V~	300
Auxiliary contacts (cULus)			
	Heavy pilot duty	AC	-
	Standard pilot duty	DC	-

 Pending

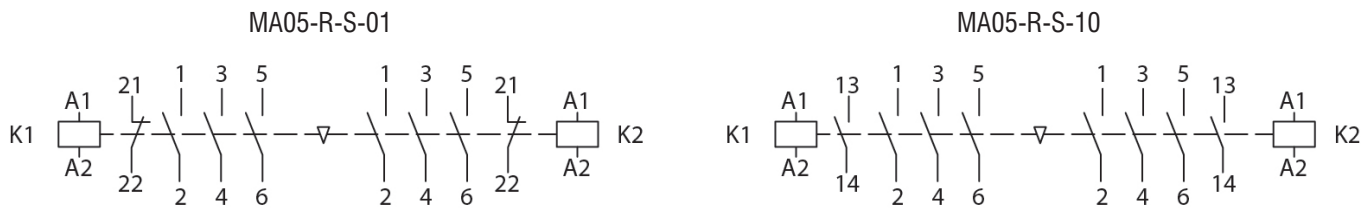
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Wiring Diagrams



Reversing Contactors



Dimensions for Contactors and Reversing Contactors

