

Industrial contactors

RSC | RMC



RSC/RMC – The reliable industrial contactor

- High performance, compact shape
- Switching current up to 63 A (AC-3)
- Extendable with auxiliary contact block and motor protection

The industrial contactors from the RSC series and the miniature RMC industrial contactors are reliable switching components for increased loads in industrial environments. Thanks to comprehensive accessories such as auxiliary contacts and motor protection units, they are suitable for versatile applications.

RSC

With installation widths of 45 mm at nominal currents of 30 A and 65 mm to 63 A (AC-3, motor load) the RSC series is very compact in comparison.

RMC

The RMC miniature contactors offer high performance with a compact shape. The switching capacity is impressive at 8.5 A / 4 kW (AC-3) with an installation width of 35 mm.

Main circuit	RMC08	RMC11	RMC-AUX	RMC-AUX
	Miniature Industrial contactor 8 A – 11 A		Auxiliary contact block 2P	Auxiliary contact block 4P
3 NO + 1 NO	RMC08-310/AC...V	RMC11-310/AC...V	RMC-AUX20	RMC-AUX40
3 NO + 1 NC	RMC08-301/AC...V	RMC11-301/AC...V	RMC-AUX02	RMC-AUX04
	–	–	RMC-AUX11	RMC-AUX22

Technical data

	Contact material	AgNi	AgNi	AgNi	AgNi
	Rated current AC-1	20 A	20 A	20 A	20 A
	Rated voltage	690 V	690 V	690 V	690 V
	Recommended minimal load	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V
	Rated load AC-3	4 kW, 400 V (8.5 A)	5.5 kW, 400 V (11.3 A)	–	–
	Rated load AC-1	13 kW, 400 V	13 kW, 400 V	–	–
	Switching frequency at rated load AC-1 (Cycles / h)	600	600	1200	1200
	Electrical life cycles AC-3	1 000 000	1 000 000	500 000	500 000
	Nominal voltage (V)	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24	–	–
	Coil voltage range	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	–	–
	Power consumption AC / DC	8 VA / 4 W	8 VA / 4 W	–	–
	Pick-up / release time	15 ms / 15 ms	15 ms / 10 ms	– / –	– / –

Accessoires

Mechanical interlock

RMC-MBL

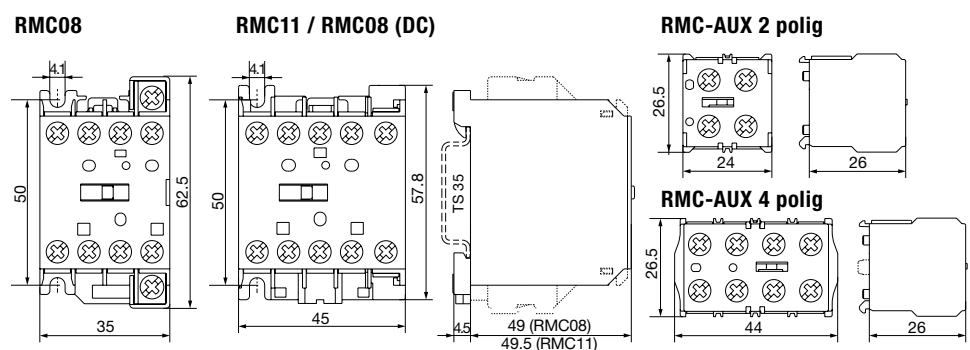
DI suppressor

RMC-DI

RC suppressor

RMC-RC...

Dimensions



Main circuit	RSC09	RSC12	RSC16	RSC22	RSC30	RSC38
	Industrial contactor 9 A – 38 A					
3 NO + 1 NO	RSC09-310/AC...V	RSC12-310/AC...V	RSC16-310/AC...V	–	–	–
3 NO + 1 NC	RSC09-301/AC...V	RSC12-301/AC...V	RSC16-301/AC...V	–	–	–
3 NO	RSC09-300/DC...V	RSC12-300/DC...V	RSC16-300/DC...V	RSC22-300/AC...V	RSC30-300/AC...V	RSC38-300/AC...V

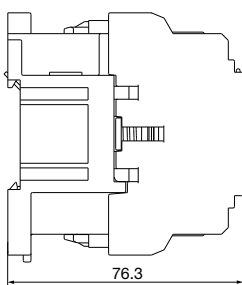
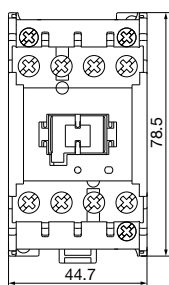
Technical data							
	Contact material	AgNi	AgNi	AgNi	AgSnO ₂	AgSnO ₂	AgSnO ₂
	Rated current AC-1	25 A	25 A	25 A	35 A	35 A	45 A
	Rated voltage	690 V	690 V	690 V	1000 V	1000 V	1000 V
	Recommended minimal load	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V
	Rated load AC-3	4 kW, 400 V (9 A)	5.5 kW, 400 V (12 A)	7.5 kW, 400 V (16 A)	11 kW, 400 V (22 A)	15 kW, 400 V (30 A)	18.5 kW, 400 V (38 A)
	Rated load AC-1	16 kW, 400 V	16 kW, 400 V	16 kW, 400 V	23 kW, 400 V	23 kW, 400 V	29 kW, 400 V
	Switching frequency at rated load AC-1 (Cycles / h)	600	600	600	600	600	600
	Electrical life cycles AC-3	1 000 000	1 000 000	900 000	800 000	400 000	400 000
	Nominal voltage (V)	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24	AC 24, AC 230, DC 24
	Coil voltage range	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N
	Power consumption AC / DC	8 VA / 3 W	8 VA / 3 W	8 VA / 3 W	8 VA / 3 W	8 VA / 3 W	8 VA / 3 W
	Pick-up / release time	25 ms / 15 ms	25 ms / 15 ms	25 ms / 15 ms	20 ms / 15 ms	20 ms / 15 ms	20 ms / 15 ms

Accessoires

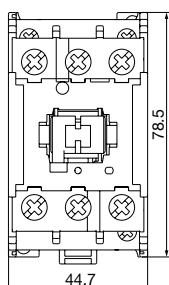
Mechanical interlock
RMC-MBL1

Dimensions

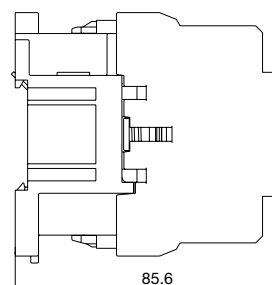
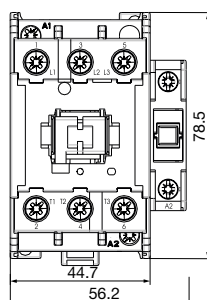
RSC09 – RSC16

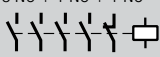

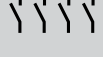

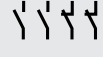

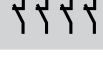


RSC22 – 38 (AC)





RSC22 – 38 (DC)



Main circuit	RSC43	RSC63	RSC-AUX	RSC-AUX	RSC-MP
	Industrial contactor 43 A – 63 A		Auxiliary contact block 2P	Auxiliary contact block 4P	Bimetallic Thermal Relay
3 NO + 1 NO + 1 NC 	RSC43-311/AC...V	RSC63-311/AC...V	RSC-AUX20 	RSC-AUX40 	Setting range 0.1 ... 10 A
	–	–	RSC-AUX02 	RSC-AUX04 	Compatible with RSC09– RSC16
	–	–	RSC-AUX11 	RSC-AUX22 	

Technical data

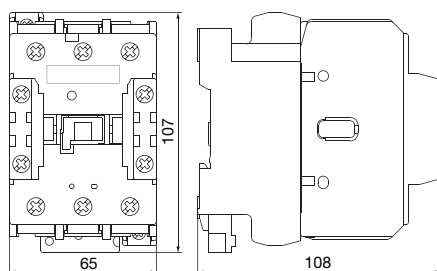
	Contact material	AgSnO ₂	AgSnO ₂	AgNi	AgNi	AgNi
	Rated current AC-1	85 A	100 A	16 A	16 A	6 A
	Rated voltage	1000 V	1000 V	690 V	690 V	690 V
	Recommended minimal load	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V	50 mA, 17 V
	Rated load AC-3	22 kW, 400 V (43 A)	30 kW, 400 V (63 A)	–	–	–
	Rated load AC-1	56 kW, 400 V	66 kW, 400 V	–	–	–
	Switching frequency at rated load AC-1 (Cycles / h)	600	600	1200	1200	–
	Electrical life cycles AC-3	800 000	400 000	500 000	500 000	–
	Nominal voltage (V)	AC 24, AC 230	AC 24, AC 230	–	–	–
	Coil voltage range	0.85 ... 1.1 U _N	0.85 ... 1.1 U _N	–	–	–
	Power consumption AC / DC	10 VA / 3 W	10 VA / 3 W	–	–	–
	Pick-up / release time	20 ms / 15 ms	20 ms / 15 ms	– / –	– / –	–

Accessoires

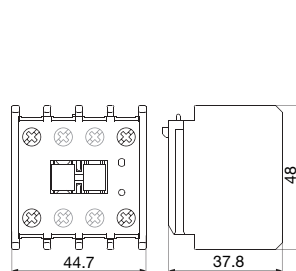
Mechanical interlock
RMC-MBL2

Dimensions

RSC43-63



RSC-AUX



RSC-MP

