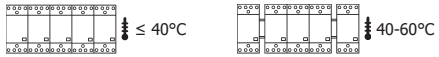


MODULAR CONTACTOR R25-.. 2-pole, low noise

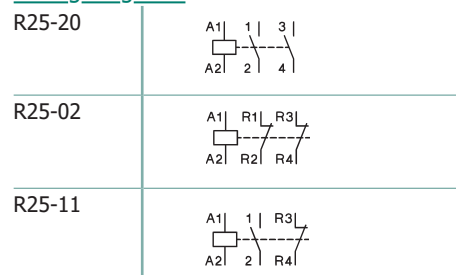
Technical Data acc. to IEC/EN60947-4-1, IEC/EN60947-5-1, VDE 0660

		Type	R25..
Main Contacts ^{1) 2) 3)}			
Rated insulation voltage U_i		V~	440 ⁴⁾
Rated operation voltage U_e		V~	440
Frequency of operations z	AC1, AC3	1/h	300
Mechanical life		$S \times 10^6$	1
Utilization category AC1 / AC7a, Switching of resistive load			
Rated operational current $I_e (=I_{th})$	open	at 60°C	A 25
Contact life			$S \times 10^6$ 0,1
Minimum switch voltage			V/mA 24/100
Short time current	10s-current		A 72
Power loss per pole at $I_e/AC1$			W 2
Utilization category AC2 and AC3 / AC7b, Switching of three-phase motors			
Rated operational current I_e		A	9
Rated operational power	220V	kW	2,2
50-60Hz	230-240V	kW	2,5
	380-415V	kW	4
Contact life		$S \times 10^6$	0,15
Power consumption of coils			
AC operated		inrush	VA 20-25
		sealed	VA 4-6
			W 1,5-2,5
Ac and DC operated			W 3-4
Operation range of coils			
in multiples of control voltage U_s		-40°C to +40°C	0,85-1,1
Maximum ambient temperature			
		open	°C -40 to +60
		enclosed	°C -40 to +40
Storage			°C -50 to +90
Short circuit protection			
Max. fuse Coordination-type "1"		gL (gG)	A 35
Rated short circuit current		"r"	kA 3
		"Iq"	kA 10
Switching time at control voltage $U_s \pm 10\%$			
		make time	ms 9-15
		release time	ms 4-8
		arc duration	ms 10-15
Cable cross-sections			
Main connector	solid or stranded	mm ²	1,5-10
	flexible	mm ²	1,5-6
	flexible with multicore cable end	mm ²	1,5-6
Clamps per pole			1
Magnetic coil	solid or stranded	mm ²	0,75-2,5
	flexible	mm ²	0,5-2,5
	flexible with multicore cable end	mm ²	0,5-1,5
Clamps per pole			1



Symbol picture

Wiring diagrams



Gewicht

0,22kg

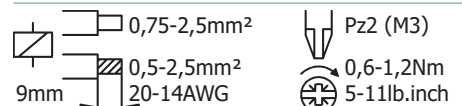
Coil voltages

R25-.. 230 220-240V 50Hz / 230-264V 60Hz

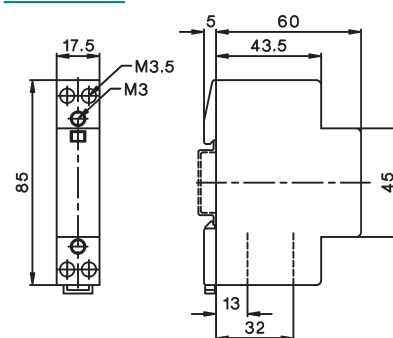
R25-.. 24 24V 50/60Hz

R25-.. 200FR 180-210V 50Hz / 200-240V 60Hz

Cable cross-sections, screw driver, tightening torque



Dimensions



- 1) Rated frequency 50/60Hz
- 2) Max. occ switching overvoltage < 4kV
- 3) Duty cycle: 100%
- 4) Suitable for: earthed-neutral systems, overvoltage category I to III, pollution degree 3 (standard-industry): Uimp = 4kV

Technical data are subject to change without notice

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