

# Modular Contactor R25 .. 2-pole - 25A

*New!*

25 A (AC1) in one module

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High power rating, space saving design

Approvals acc. to CE

Climate resistant, ambient temperature: -40 °C.. +60 °C

Switching indicator



#### Switching of lamps

Incandescent lamps	A/W	13/3000
Fluorescent lamps	A/W	12/1300
Fluorescent lamps (dual-connection)	A/W	20/3700
Fluorescent lamps (parallel compensated)	A/W	8/1200

Type	Code No.	Wiring diagram	Weight	Packaging
			[g]	[pcs]
R 25-10-230V AC	002463500		130	12
R 25-20-24V AC	002463501			
R 25-20 230V AC	002463502			
R 25-11 24V AC	002463503			
R 25-11 230V AC	002463504			
R 25-02 24V AC	002463505			
R 25-02 230V AC	002463506			

## Technical data

Standards	IEC 947-4-1, IEC 947-5-1, VDE 0660, EN 60947-4-1, EN 60947-5-1		
Main Contacts			
Rated insulation voltage $U_i$	V~	440	
Rated operation voltage $U_e$	V~	440	
Frequency of operations zAC1, AC3	1/h	300	
Mechanical lifespan	Oper.c. x 10 <sup>6</sup>	1	
Utilization category AC1			
Rated operational current $I_e$ (=I <sub>th</sub> )			
open	at 60°C	A	25
Contact life	Oper.c. x 10 <sup>6</sup>	0,1	
Minimum Switching Voltage	V/mA	24/100	
Short time current	10 s-current	A	72
Power loss per pole at $I_e$ /AC1		W	3
Power consumption of coils	inrush	VA	7 - 9
	holding	VA	2,2 - 4,2
		W	0,8 - 1,6
Operation range of coils			
in multiples of control voltage $U_c$ (-40°C to +40°C)			0,85 - 1,1
Short circuit protection max. fuse Coordination-type "1"gL (gG)		A	35
Rated short circuit current		kA	3
Switching time at control voltage $U_c \pm 10\%$	make time	ms	7 - 16
	release time	ms	6 - 12
	arc duration	ms	10 - 15
Cable cross section			
Main terminals	solid or stranded	mm <sup>2</sup>	1,5 - 10
	flexible	mm <sup>2</sup>	1,5 - 6
	flexible with multicore cable end	mm <sup>2</sup>	1,5 - 6
	Clamps per pole		
Magnetic coil	solid or stranded	mm <sup>2</sup>	0,75 - 2,5
	flexible	mm <sup>2</sup>	0,5 - 2,5
	flexible with multicore cable end	mm <sup>2</sup>	0,5 - 1,5
	Clamps per pole		

## Dimensions

