

Advantages

→ Contactors RD series are universal power supply AC/DC with built-in varistor surge protection. RD contactors produce less noise (DC coil inside)



→ Special terminals provide reliable connection with cables.



→ Spring-loaded latch ensures reliable mounting on DIN rail TH 35

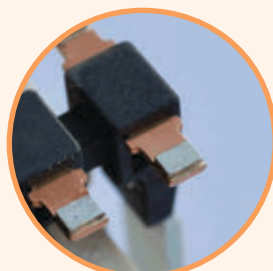


→ Contactors series R-R have operating mode switch:  
 - Automatic mode (normal operation with control circuit-coil)  
 - Manual mode (0 - permanently open, I - constantly closed).

In manual mode constantly close operation I presence of voltage on control circuit-coil returns contactor in automatic mode operation.



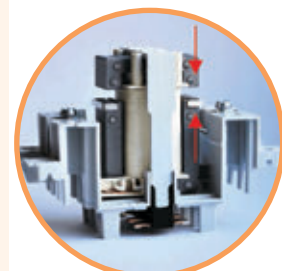
→ Contact status can be monitored visually or remote by auxiliary contacts



→ Silver contacts provide the best conductivity and lowest contact resistance



→ Spring loaded contacts to reduce bouncing effect and prolong contact life time



→ Specially designed mechanism consisting of two movable cores significantly reduces the noise level at switching



Auxiliary contactor block for contactors RD, R...R, RD...R				
Type	Code No.	Wiring diagram	Weight [g]	Packaging [pcs]
RN-20	002464068		30	1
RN-02	002464069		30	1
RN-11	002464070		30	1

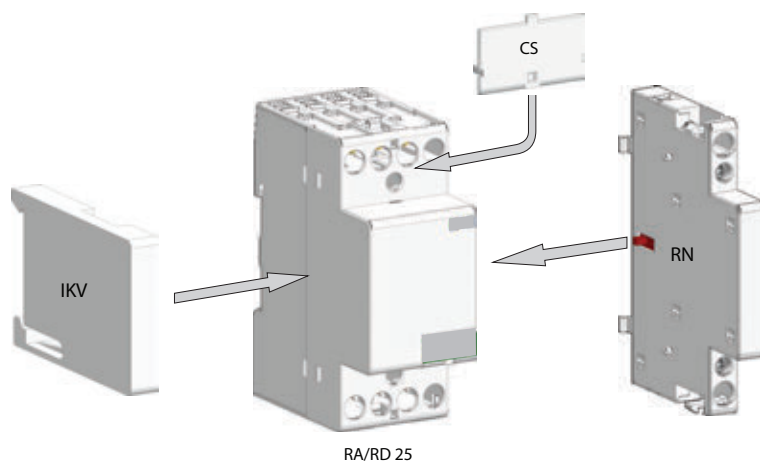
\* The auxiliary switch should not be applied in combination with RD20 and RD20-R.



Sealing cover				
Type	Code No.	For use with	Weight [g]	Packaging [pcs]
SC20	002464071	RD 20, R20...R	3	2
SC25	002464072	RD 25, R25...R	4	2
SC40/63	002464073	RD 40, RD 60	5	2



Distance piece				
Type	Code No.	For use with	Weight [g]	Packaging [pcs]
IKV	002464074	RD, R...R	6	1



Technical data					RN
Type					IEC/EN 60947-5-1
Standards					1/2
Module width					500
Rated insulation voltage $U_i$		$U_i$	V		4
Rated impulse withstand voltage $U_{imp}$		$U_{imp}$	kV		6
Thermal current		$I_{th}$	A		230
Rated operational voltage		$U_e$	V		400
Rated operational current					
	AC-15	$U_e = 230V$	$I_e$	A	6
		$U_e = 400V$			4
Electrical endurance					op. c. 50.000
Mechanical endurance					op. c. $3 \times 10^6$
Min. distance of open contacts					mm 4
Contact reliability					12 V; $\geq 5$ mA
Power loss per pole					W 0,3
Weight					kg 0,035
Max. back-up fuse for short-circuit protection gL					
Coordination type 2					$I_v$ A 6
Terminal capacity	rigid	S		mm <sup>2</sup>	1...2.5
	flexible				1...2.5
Screw					M3
Screw head					PZ1
Tightening torque					Nm 0,6