

Accessories

Type N, NL, NE & TNL



ZA16-84



RV5/50



RC5-1/50

Coils

Relay type	Catalog number	List price
N	ZA16-Δ	
NE	ZAE16-Δ	

Δ Select the coil voltage from the Control Relay Coil Voltage Selection chart and substitute the letter code for the Δ as the last digit in the catalog number.

Coil voltage selection chart

Hz	Relay type	Volts															
		12	24	48	110	120	125	208	220	240	277	380	415	440	480	500	600
60	N		81	83	84	84		34	36	80	42		86	86	51	53	55
50	N		81	83	84				80			85	86			55	
DC	NE, NL	80	81	83	86		87		88	89							

Surge suppressors — for Type N control relays

Feature	Type	Voltage range	Catalog number	List price
Varistor	N, NE NL, TNL	24 – 50 VAC/DC 50 – 133 VAC/DC 110 – 250 VAC/DC 250 – 440 VAC/DC	RV5/50 RV5/133 RV5/250 RV5/440	
RC	N	24 – 50 VAC 50 – 133 VAC 110 – 250 VAC 250 – 440 VAC	RC5-1/50 RC5-1/133 RC5-1/250 RC5-1/440	

Technical data

Type	Control circuit	Opening time growth factor	Residual overvoltage or clipping voltage	Remarks
RV5/... ing				Advantages • Good energy absorption & damp-
50	AC/DC	1.1 to 1.5	132V	Disadvantages • Unpolarized system
133	AC/DC	1.1 to 1.5	270V	• Clipping from U_{vdr} thus voltage front up to this point
250	AC/DC	1.1 to 1.5	480V	
440	AC/DC	1.1 to 1.5	825V	
RC5-1/... or RC5-2/... RC-EH300/...	AC	1.2 to 3	2 to 3 x U_c	Advantages • Very fast clipping • Attenuation of steep fronts and therefore, high frequencies • No operating delays