

TECHNICAL SPECIFICATIONS

Electrical Characteristics						
		RI-16 Standard	RI-16DI Diode in parallel with the coil (only Vdc)	RI-16R	RI-16R HB	
Standard voltages (U _N)		24, 48, 72, 110, 125, 220 Vdc/Vac; 50/60 Hz 110, 125 (Other voltages upon request)		5 220 Vdc		
Voltage range and consumptions	Voltage range	+10% -20% UN				
	Consumptions	10 W 12 VA 12		2 W		
Pick-up time		< 25 ms		< 10	0 ms	
Drop-out time		< 10 ms/Vdc < 45 ms/DI Vdc < 80 ms/Vac		0 ms		
	Permanent current	10 A				
	Instantaneous	80 A/200 ms				
Contacts	current	150 A/10 ms				
Contacto	Making capacity	40 A/0,5 s/110 Vdc				
	Breaking capacity	See curves				
	U _{max} , opened contact	250 Vdc/400 Vac				
Mechanical life		10 ⁷ operations				
Operating temperature (U _N)		-10°C +55°C				
Operating humidity		93%/40°C				
High/Low Burden configuration		Low burden configuration according to ESI 48-4 EB1		High burden configuration according to ESI 48-4 EB2		

Construction standards				
EL	Dielectric test	2 kV/50 Hz/1 min		
Electrical test IEC60255	Surge withstand	5 kV/1,2/50 μs		
1000233	Insulation	> 2000 MΩ/500 Vdc		
Inflammability tests	Plastic materials	UL94: V0		
IEC60692-2-1	Plastic materials	IEC60695: 850°C/30s		
Cover protection degree	IEC60529	IEC60529, EN60529: IP40		

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