

General purpose relays For printed circuit mounting		55.12	55.13	55.14	
		<ul style="list-style-type: none"> • 2 CO 10 A • PCB mount 	<ul style="list-style-type: none"> • 3 CO 10 A • PCB mount 	<ul style="list-style-type: none"> • 4 CO 7 A • PCB mount 	
Type 55.12 - 2 CO 10 A Type 55.13 - 3 CO 10 A Type 55.14 - 4 CO 7 A <ul style="list-style-type: none"> • AC & DC coils • Cadmium Free contacts • Contact material options • RT III (wash tight) option available 					
<p>FOR UL RATINGS SEE: "General technical information" page V</p> <p>For outline drawing see page 6</p>		Copper side view	Copper side view	Copper side view	
Contact specification					
Contact configuration		2 CO (DPDT)		3 CO (3PDT)	
Rated current/Maximum peak current		A 10/20		10/20	
Rated voltage/ Maximum switching voltage		V AC 250/400		250/400	
Rated load AC1		VA 2500		2500	
Rated load AC15 (230 V AC)		VA 500		500	
Single phase motor rating (230 V AC)		kW 0.37		0.37	
Breaking capacity DC1: 30/110/220 V		A 10/0.5/0.25		10/0.5/0.25	
Minimum switching load		mW (V/mA) 300 (5/5)		300 (5/5)	
Standard contact material		AgNi		AgNi	
Coil specification					
Nominal voltage (U _N)		V AC (50/60 Hz) 6 - 12 - 24 - 48 - 60 - 110 - 120 - 230 - 240		V DC 6 - 12 - 24 - 48 - 60 - 110 - 125 - 220	
Rated power AC/DC		VA (50 Hz)/W 1.5/1		1.5/1	
Operating range		AC (0.8...1.1)U _N		(0.8...1.1)U _N	
		DC (0.8...1.1)U _N		(0.8...1.1)U _N	
Holding voltage		AC/DC 0.8 U _N / 0.5 U _N		0.8 U _N / 0.5 U _N	
Must drop-out voltage		AC/DC 0.2 U _N / 0.1 U _N		0.2 U _N / 0.1 U _N	
Technical data					
Mechanical life AC/DC		cycles 20 · 10 ⁶ / 50 · 10 ⁶		20 · 10 ⁶ / 50 · 10 ⁶	
Electrical life at rated load AC1		cycles 200 · 10 ³		150 · 10 ³	
Operate/release time		ms 10/5		9/5	
Insulation between coil and contacts (1.2/50 μs)		kV 4		4	
Dielectric strength between open contacts		V AC 1000		1000	
Ambient temperature range		°C -40...+85		-40...+85	
Environmental protection		RT I		RT I	
Approvals (according to type)					

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