

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>Copper side view</p>	<p>Copper side view</p>	<p>Copper side view</p>
Contact specification				
Contact configuration		2 CO (DPDT)		
Rated current/Maximum peak current	A	10/20		
Rated voltage/ Maximum switching voltage	V AC	250/400		
Rated load AC1	VA	2500		
Rated load AC15 (230 V AC)	VA	500		
Single phase motor rating (230 V AC)	kW	0.37		
Breaking capacity DC1: 30/110/220 V	A	10/0.5/0.25		
Minimum switching load	mW (V/mA)	300 (5/5)		
Standard contact material		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		
Operating range	AC	(0.8...1.1)U _N		
	DC	(0.8...1.1)U _N		
Holding voltage	AC/DC	0.8 U _N / 0.5 U _N		
Must drop-out voltage	AC/DC	0.2 U _N / 0.1 U _N		
Technical data				
Mechanical life AC/DC	cycles	20 · 10 ⁶ / 50 · 10 ⁶		
Electrical life at rated load AC1	cycles	200 · 10 ³		
Operate/release time	ms	10/5		
Insulation between coil and contacts (1.2/50 μs)	kV	4		
Dielectric strength between open contacts	V AC	1000		
Ambient temperature range	°C	-40...+85		
Environmental protection		RT I		
Approvals (according to type)				

FOR UL RATINGS SEE:
"General technical information" page 5

For outline drawing see page 6

