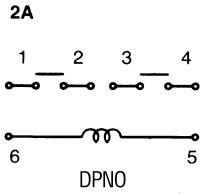


25/30A High Capacity Relay - GY Series



Contact ratings (single pole): 30A @ 250VAC res/25A @ 250VAC ind
 (double pole): 25A @ 250VAC res/25A @ 250VAC ind
 Switching capacity (single pole): 6600VA
 (double pole): 5500VA
 Maximum switching voltage: 277VAC
 Maximum operate frequency: 1800 ops per hour

- 30A High capacity relay capable of withstanding a momentary voltage drop to 50% of rated value.
- Manufactured to **VDE 0435**
- High operation frequency
- **CUR** and **TUV** approved
- Single pole double make or double pole double make versions available

rel242

COIL		Price Each				
Volts	Ω	Order Code	1+	20+	100+	250+ 500+
SPNO - GY1 Series						
12V ac	—	307-9855				
24V ac	—	307-9867				
100/120V ac	—	307-9879				
200/240V ac	—	307-9880				
12V dc	75	307-9892				
24V dc	300	307-9909				
DPNO - GY2 Series						
12V ac	—	307-9910				
24V ac	—	307-9922				
100/120V ac	—	307-9934				
200/240V ac	—	307-9946				
12V dc	75	307-9958				
24V dc	300	307-9960				

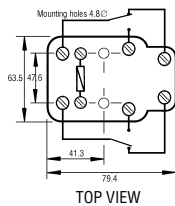
Open Chassis Power Relays

30A/2HP Motor Load – W199 Series



Heavy duty ac or dc power relays, designed for industrial control applications. Screw terminal connections. Sturdy chassis mounting base in thermosetting phenolic.
UL and CSA listed.

Contact arrangement DPCO
 Contact rating 30A up to 300V ac each pole
 1.5HP up to 600V ac each pole
 30A @ 28V dc each pole
 2HP up to 600V ac, poles twinned on both sides of load
 Contact material Silver cadmium oxide, gold flashed
 Dielectric withstand 1500V ac between contacts
 2200V rms between other elements and ground
 Coil operating range dc 75% – 130%
 ac 85% – 110%
 Temperature range dc -30°C to +60°C
 ac -30°C to +50°C



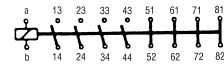
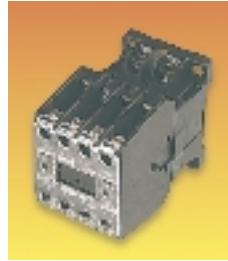
TOP VIEW
 L = 79.4, W = 63.5, H = 58.7

REL091

COIL		Price Each			
Volts	Ω	Order Code	1+	10+	20+ 50+
DPCO – W199(A)X Series					
240V ac	—	177-443			
24V dc	290	177-444			

Contactor Type Relay

20A – K6-A44S Series



H = 59, W = 45, D = 75

Eight pole ac operated contactor relays, **UL** recognised, **CSA**, **NEMKO**, **SEMKO**, **FEMKO** approved, conforming to **VDE0660**, **IEC158-1**, **BS5424**. Suitable for screw mounting (Fixing centres 45 35) or 35mm DIN rail.

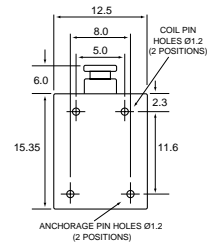
Contact arrangement	4PNO+4PNC	Coil voltages	110V 50/60Hz
Contact rating	ACI 20A @ 500V ACII 12A @ 240V UL rating 15A cont.		220/240V 50Hz
Switching rate (max)	3000 ops per hour	Coil consumption (ac operated)	30VA inrush, 7VA hold 2.6W
Operate/Release	8–16ms/5–13ms	Coil operating range	85–110%
		Temperature range	-20°C to +50°C

REL086

Volts	Order Code	1+	20+	100+
4PNO + 4PNC				
110V ac	176-706			
230V ac	176-707			

Solenoids

PCB Miniature 45 Series



H (above PCB) = 12.0, W = 12.5

- DC Operate
- Low profile (12mm high)
- Ideal for pulse drive

Average performances at 20°C ambient temperature:

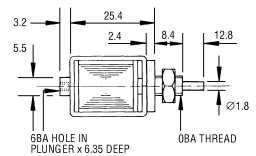
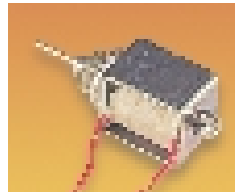
Pull force, continuous 35gf @ 1.0mm, 10gf @ 2.0mm
 Pull force, 25% duty 105gf @ 1.0mm, 50gf @ 2.0mm
 Closed power, continuous (dc) 1.5W

rel175

Voltage	Mfrs. List No.	Order Code	1+	25+	100+	250+
6V dc	45-120-610-540	530-220				
12V dc	45-120-610-620	530-232				

Miniature – SM0012V

KEYSWITCH



H = 18.3, W = 15.9

A miniature solenoid designed for short stroke working in confined spaces. Pull or thrust action. Can operate at up to 2000 cycles per minute, depending on the application. Maximum stroke 9mm.

Pull force continuous: 35gf @ 3mm, 150gf @ 1mm
 Pull force 25% duty: 20gf @ 8mm, 140gf @ 3mm
 Coil consumption: 2.75W continuous, 11W @ 25% duty

REL085

Voltage	Order Code	1+	10+	50+
12V dc	176-583			

continued