

CLASSIFICATION		POWER RELAYS				
MODEL		P30FC	P40FC	P60FC	P80FC/ P100FC	P38FC
FEATURES						
STYLE		Solder	Screw Terminal	Screw Terminal	Screw Terminal	Solder
DIMENSION L*W*H in mm		42x35.5x34	74x47x47	80x47x48	80x48x54	42x35.5x34
WEIGHT		Approx. 110 gm	Approx. 130 gm	Approx. 160 gm	Approx. 240gm	Approx. 130 gm
CONTACT						
CONFIGURATION		1A/1C/2C	1A/1C/2A/2C	1A/1C/2A/2C	1A/1C	3A/3C
CONTACT RATING		1C - 20A/30A 2C - 20A/25A @240VAC	1C - 40A/30A 2C - 30A/40A @240VAC	1C - 60A 2C - 50A @240VAC	1A/1C - 80A 1A/1C - 100A @240VAC	30A/40A @240VAC
CONTACT MATERIAL		AgCdO	AgCdO	AgCdO	AgCdO	AgCdO
COIL						
NOMINAL VOLTAGE		12VDC/24VDC 240VAC	12VDC/24VDC 240VAC	12VDC/24VDC 240VAC	12VDC/24VDC 240VAC	12VDC/24VDC 240VAC
COIL POWER CONSUMPTION		1W	1.8 W	2.2 W	2.4 W	1W TO 2.4 W
GENERAL DATA						
OP. TIME		30 msec max	30 msec max	30 msec max	30 msec max	30 msec max
RELEASE TIME		20 msec max	20 msec max	20 msec max	20 msec max	20 msec max
LIFE (operations)	Mechanical	1x10 <sup>7</sup>	1x10 <sup>7</sup>	1x10 <sup>7</sup>	1x10 <sup>7</sup>	1x10 <sup>7</sup>
	Electrical	5x10 <sup>4</sup>	5x10 <sup>4</sup>	5x10 <sup>4</sup>	5x10 <sup>4</sup>	1x10 <sup>5</sup>
DIELECTRIC STRENGTH	between coil & contact	2000 Vrms	2000 Vrms	2000 Vrms	1500 Vrms	2000 Vrms
INSULATION RESISTANCE AT 500 VDC TO 25°C RH 50		1000 M Ω	1000 M Ω	1000 M Ω	1000 M Ω	1000 M Ω
TEMPERATURE RANGE		-10°C - 55°C	-10°C - 55°C	-10°C - 55°C	-10°C - 55°C	-10°C - 55°C
APPLICATION	Inverters, Voltage stabilizers, High Power Application, HVAC, Domestic Application & Line conditioner equipments					
LAYOUT (BOTTOM VIEW)						