


CLASSIFICATION		PCB POWER RELAYS				
MODEL		SC5/SC10	L90	L91	L92	LCF
		Sugar Cube 			 <i>Introducing shortly</i>	 <i>Introducing shortly</i>
FEATURES						
STYLE		PC	PC	PC	SOLDER/PC	PC
DIMENSION L*W*H in mm		18.5X15.5X15.5	32.5X27.5X20.5	32.5X26.9X28	31X34X44	31X18.5X29
WEIGHT		Approx. 10.5 gm	Approx. 25 gm	Approx. 30 gm	Approx. 90 gm	Approx. 30 gm
CONTACT						
CONFIGURATION		1A/1C	1A/1C	1A/1C	2A/2C	1A
CONTACT RATING		7A@230VAC 10A@230VAC	30A@230VAC (1NO) 20A@230VAC (1CO)	30A@230VAC (1NO) 20A@230VAC (1CO)	30@277VAC	20A@250VAC
CONTACT MATERIAL		AgCdO	AgCdO	AgCdO	AgCdO	AgCdO
COIL						
NOMINAL VOLTAGE		6-48 VDC	5-115 VDC	5-115 VDC	6-110 VDC 24-240 VAC	6-48 VDC
COIL POWER CONSUMPTION		0.35 W	0.93 W	0.93 W	4VA /1.7W	0.9 W
GENERAL DATA						
OP. TIME		10 msec max	15 msec max	15 msec max	15 msec max	15 msec max
RELEASE TIME		5 msec max	10 msec max	10 msec max	10 msec max	10 msec max
LIFE (operations)	Mechanical	1x10 ⁷	1x10 ⁷	1x10 ⁷	1x10 ⁷	1x10 ⁵
	Electrical	1x10 ⁵	1x10 ⁵	1x10 ⁵	1x10 ⁵	1x10 ⁵
DIELECTRIC STRENGTH	between coil & contact	750 Vrms	1500 Vrms	1500 Vrms	500 Vrms	1000 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		-30°C - +55°C	-40°C - 85°C	-40°C - 85°C	-25°C - 55°C	-40°C - 55°C
APPLICATION		Domestic App., control unit etc	Domestic App, HVAC, car Control Switch box, etc		Control panel, domestic use, HVAC compressors	HVAC, compressors, ideal for motor switching in appl., etc
LAYOUT (BOTTOM VIEW)						
FEATURES/ OPTIONS		Sealed, compact, economical	Open, Sealed, dust cover, compact, PCB and Q.C terminal, small size high rating		High power, specially designed to run on inductive load	