

AUTOMOTIVE RELAYS		SLIM RELAY		REED RELAYS					
PAC 40 / 80		SMP		DIP - NO		DIP - CO		SIP	RA-2 / MA-2
Solder / Lugs		Plug In		PCB		PCB		PCB	-
1NO		1C		1NO	2NO	1C	2C	1NO	1NO
40A at 14 VDC	80A at 14 VDC	6A at 30 VDC		0.5A at 200 VDC 10W Each Max		0.25A at 28 VDC 3W Each Max		0.5A at 200 VDC 10W Each Max	0.5A at 200 VDC 10W Each Max
12-24 VDC		12-24 VDC		5-48 VDC		5-48 VDC		5-12 VDC	
-		-		-		-		-	
1.6 W		0.17 W		0.13-0.52 W		0.13-0.52 W		0.05-0.08 W	
500 VAC		1000 VAC		250 VDC		200 VDC		250 VDC	
750 VAC		4000 VAC		500 VDC		500 VDC		500 VDC	
100 MΩ		1000 MΩ		1000 MΩ		1000 MΩ		1000 MΩ	
10 ⁵		3×10 ⁴		10 ⁷		10 ⁷		10 ⁷	
10 ⁶		1×10 ⁴		-		-		-	
26.3×26.3 ×39.7 (+11.5)	32×29× 42.7(+15)	28.8×5×15(+3.5)		10.5×20 ×7.5	10.5×20.2 ×11.5	10.5×22.2 ×7.5	10.5×22.2 ×11.5	Potted Version (P):- 10×22.4×10.5 Molded Version (M):- 8.6×24.3×9.5	23×13.9×6
31gms	48gms	5.4gms		5gms		5gms		5gms	RA-2:- 4.2gms MA-2:- 3.2gms
-		-		-		-		-	
-		-		-		-		-	
RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%	RESISTANCE IN 'Ω' ± 10%
DC	DC	DC		1NO DC	2NO DC	1C DC	2C DC	DC	-
-	-	-		200 (5V)*	100 (5V)*	200 (5V)*	100 (5V)*	500 (5V)*	-
90	80	848		500	275	500	275	2k	-
-	-	-		-	-	-	-	-	-
360	320	3.39k		2.1k	1.1k	2.1k	1.1k	-	-
-	-	-		5k	5k	5k	5k	-	-
-	-	-		-	-	-	-	-	-
-	-	-		-	-	-	-	-	-
-	-	-		-	-	-	-	-	-
-	-	-		-	-	-	-	-	-
				* Coil Resistance for DIP 1NO 5VDC = 200 Ω DIP 2NO 5VDC = 100 Ω (± 10%)		* Coil Resistance for DIP 1CO 5VDC = 200 Ω DIP 2CO 5VDC = 100 Ω (± 10%)		* Coil Resistance for SIP 1NO 5VDC = 500 Ω (± 10%)	

NOTE:- 1) All Specifications / Dimensions subject to Tolerance.
2) Any Techno commercial changes is / are subject to change without any notice.

pla
RELAYS



Manufactured by:
PLA COMPONENTS

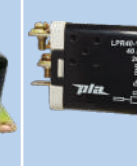
Pla House, (Thakor Estate), Kurla Kirol Road, Vidyavihar (W), Mumbai-400 086.
Ph: +91 22 25106104/05 Mob: +91 7045459530
Email:- sales@plarelays.com, hasmukh@plarelays.com
Web:-www.plarelays.com

CLASSIFICATION	SOCKETS											
TYPE	RS 8E RS 11E (MPC / HPC / HMPC / LMPC)		SDR-PMY-8 SDR-PMY-14 (PMY / PMY-F)		SPCB-PMY-8 SPCB-PMY-14 (PMY / PMY-F)		PRS-S-1 (HPCC / LPR40 2C, 3C)	MPCNS-8 (MPCN)	SDR-PLY-8 SDR-PLY-14 (PLY)		PMCM - 5 PMCM - 8 (PMCM)	
PRODUCT PHOTO												
TERMINAL TYPE	Screw Terminal		Screw Terminal		PCB		Screw Terminal	Screw Terminal	Screw Terminal		Screw Terminal	
NO. OF CONTACT PINS	8 Pin	11 Pin	8 Pin	14 Pin	8 Pin	14 Pin	11 Pin	8 Pin	8 Pin	14 Pin	5 Pin	8 Pin
RATED CARRYING CURRENT (RESISTIVE)	16A	12A	10A		10A		40A	10A	10A		12A	16A
TERMINALS	Brass Electroplated		Brass Electroplated		Brass Electroplated		Brass Electroplated	Brass Electroplated	Brass Electroplated		Brass Electroplated	
DIELECTRIC STRENGTH	2 kV		2 kV		2.5 kV		2 kV	2.5 kV	2.5 kV		2 kV	
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH	500 MΩ		500 MΩ		500 MΩ		100 MΩ	1000 MΩ	100 MΩ		500 MΩ	
AMBIENT TEMPERATURE	-25°C To +55°C		-25°C To +85°C		-25°C To +85°C		-25°C To +85°C	-25°C To +85°C	-25°C To +85°C		-25°C To +85°C	
ALL DIMENSIONS ARE IN mm (W×L×H)	40.2× 51.5(+4) ×21	43× 51.5(+4) ×31	22.5× 68(+2.8) ×29.7	29.5× 68(+2.8) ×29.7	21.6×28.5 ×11(+4.5)		54.5×83.5(+3) ×29.5	15.8×81.5×61.5	23.3×80 ×32.5	46×78 ×30	15.7×76 ×42.7	15.7×76 (+11)×74
MAX WEIGHT IN GRAMS	38gms	54gms	30gms	45gms	7gms	8gms	85gms	41gms	45gms	63gms	39gms	46gms
MOUNTING	Din Rail & Screw		Din Rail & Screw		PCB		Din Rail & Screw	Din Rail	Din Rail & Screw		Din Rail	
TYPE	SMP SOCKET (SMP)											
PRODUCT PHOTO												
RATED CARRYING CURRENT (RESISTIVE) AT 30 VDC / 250 VAC	6A											
INSULATION	Between Coil & Contacts ≥6kv (1.2 / 50 μs)											
AMBIENT TEMPERATURE	-40°C To +70°C											
SCREW TORQUE	50gms											
WIRE STRIP LENGTH	10 mm											
ALL DIMENSIONS ARE IN mm (W×L×H)	6×88.3×73.5											
MAX WEIGHT	25gms											

NOTE:- 1) All Specifications / Dimensions subject to Tolerance.
2) Any Techno commercial changes is / are subject to change without any notice.
3) PMCM socket and SMP socket is with LED indicator

CLASSIFICATION					PLUG IN RELAYS																
TYPE		MPC				HMPC			PMY-2/4			PMY-F-2/4			MPCN						
PRODUCT PHOTO																					
TERMINAL TYPE					Plug In				Plug In			Solder / Plug In			Solder / Plug In			Plug In			
CONTACT CONFIGURATION					1C / 2C / 3C*		2C		2C			2C		4C		2C		4C		1C	2C
RATED CARRYING CURRENT (RESISTIVE) AT 24 VDC / 250 VAC					5A	10A	12A	16A	5A at 220 VDC		10A at 220 VDC		5A	10A	5A	10A	5A	12A at 30 VDC	7A at 30 VDC		
COIL NOMINAL VOLTAGE		DC		6-250 VDC		6-220 VDC		6-250 VDC			6-220 VDC			12-220 VDC			12-24 VDC				
		AC		6-240 VAC		6-240 VAC			6-240 VAC			12-240 VAC			240 VAC						
OPERATING POWER (MIN-MAX) FOR DC COIL					0.72 - 1.25 W		1.20 - 1.25 W		0.72 - 1.25 W			0.89 - 1.15 W			0.89 - 1.15 W			0.52 W			
DIELECTRIC STRENGTH BETWEEN		OPEN CONTACT		1500 VAC	2000 VAC		1500 VAC			750 VAC			750 VAC			1000 VAC					
		COIL TO CONTACT		2000 VAC	2000 VAC		2000 VAC			2000 VAC			2000 VAC			5000 VAC					
INSULATION RESISTANCE AT 500 VDC AT 27°C & 65% RH					500 MΩ		500 MΩ		500 MΩ			100 MΩ			100 MΩ			2000 MΩ			
ELECTRICAL LIFE (NO OF OPERATIONS)					10 ⁵				10 ⁵			10 ⁵			10 ⁵			10 ⁵			
MECHANICAL LIFE (NO OF OPERATIONS)					10 ⁷				10 ⁷			10 ⁶			10 ⁶			10 ⁷			
ALL DIMENSIONS ARE IN mm (W×L×H)					37×37×68				37×37×68			21.5×28×35.5(+7)			21.5×28×35.5(+7)			12.7×31×32.5(+6.5)			
MAX WEIGHT IN GRAMS					75gms				70gms			37gms			37gms			20gms			
INBUILT FEATURE					LED				LED			LED			LED			LED			
OPTIONAL FEATURES					Diode				Diode			Diode			Diode			-			
COIL DATA		COIL VOLTAGE		RESISTANCE IN 'Ω' ± 10%				RESISTANCE IN 'Ω' ± 10%			RESISTANCE IN 'Ω' ± 10%			RESISTANCE IN 'Ω' ± 10%			RESISTANCE IN 'Ω' ± 10%				
				DC	AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC				
		6	30	7	30	4	30	7	-	-	-	-	-	-	-	-	-	-			
		12	200	30	120	16	200	30	160	-	160	-	275	-	-	-	-				
		18	390	-	270	-	390	-	350	-	350	-	-	-	-	-	-				
		24	500	110	480	70	500	110	650	180	650	180	1.1k	-	-	-	-				
		48	2.25k	440	1.9k	-	2.25k	440	2.6k	735	2.6k	735	-	-	-	-	-				
		110	10k	2.4k	10k	2k	10k	2.4k	11k	4.4k	11k	4.4k	-	-	-	-	-				
		220	40k	-	40k	-	40k	-	42k	-	42k	-	-	-	-	-	-				
		240	-	9.5k	-	9.5k	-	9.5k	-	19k	-	19k	-	24k	-	-	-				
		250	50k	-	-	-	50k	-	-	-	-	-	-	-	-	-	-				
		* Coil Resistance for MPC 3C 12 VDC = 150 Ω (± 10%)				*MPC 16A & 12A formerly known as HPC															

NOTE:- 1) All Specifications / Dimensions subject to Tolerance.
2) Any Techno commercial changes is / are subject to change without any notice.

		POWER RELAYS															
PLY		HPCC		LPR 30 / PCC		LPR 30 E		LPR 40 / HP 40		LPR 40 MB		LPR 60		LPR 80 / LPR 100			
																	
Solder / Plug In		Plug In / Lugs / Solder		Solder / Lugs		Solder / Lugs		1C Screw Terminal / 2C, 3C Lugs & Plug In		Screw Terminal		Screw Terminal		Screw Terminal			
2C		4C		2C / 2A		1C / 2C / 3C		1C		1C / 2C / 3C		1C		1C / 1A		1C / 1A	
10A		20A at 220 VDC		30A		30A		40A		40A		60A		80A		100A	
12-48 VDC		12-220 VDC		12-220 VDC		12-110 VDC		12-220 VDC		12-110 VDC		12-220 VDC		12-24 VDC			
240 VAC		240 VAC		24-240 VAC		240 VAC		24-240 VAC		240 VAC		24-240 VAC		240 VAC			
0.89 - 1.65 W		1.86 - 2.22 W		1.86 - 2.22 W		1.20 - 1.21 W		1.86 - 2.20 W		1.92 - 2.22 W		1.92 - 2.22 W		3 W			
1000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC			
1500 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC		2000 VAC			
500 MΩ		100 MΩ		100 MΩ		100 MΩ		1000 MΩ		1000 MΩ		1000 MΩ		1000 MΩ			
10 ⁵		10 ⁵		10 ⁵		50000		10 ⁵		10 ⁵		50000		10000			
10 ⁶		10 ⁶		10 ⁶		10 ⁶		10 ⁶		10 ⁶		10 ⁶		10 ⁶			
21.5×28×35.5 (+7.5)		41.5×28×36 (+6.5)		50.5×67(+11.8)×45		41.2×64.3(+9.6)×50		37.5×55(+10)×38.2		41.5×64.8(+11.5)×40		41.5×56.5(+11.5)×49		'L' Type :- 50.5×71.5×45.2(+10) 'T' Type :- 50.5×82×45.7		48×82.5×70.5	
40 gms		70 gms		126 gms		125 gms		80 gms		125 gms		125 gms		140 gms		225gms	
LED		-		-		-		-		-		-		-			
Diode		-		-		-		-		-		-		-			
RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10% 2C & 3C		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%	
2C	DC	4C	DC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC	DC	AC
-	-	-	-	-	-	-	-	30	4	-	-	-	-	-	-	-	-
130	100	74	-	74	-	120	16	74	-	74	-	74	-	48	-	-	-
-	-	-	-	150	-	270	-	150	-	150	-	150	-	-	-	-	-
650	350	260	-	260	40	480	70	260	40	260	40	260	40	192	-	-	-
2.6k	1.6k	1.2k	-	1.2k	-	1.9k	-	1.2k	-	1.2k	-	1.2k	-	-	-	-	-
-	-	5.5k	-	5.5k	1.3k	10k	2k	5.5k	1.3k	5.5k	1.3k	5.5k	1.3k	-	-	-	-
-	-	26k	-	26k	-	40k	-	26k	-	26k	-	26k	-	-	-	-	-
-	-	-	4.7k	-	4.7k	-	9.5k	-	4.7k	-	4.7k	-	4.7k	-	4.7k	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* Coil Resistance for 1) PLY 2C 240 VAC = 18 kΩ 2) PLY 4C 240 VAC = 8 kΩ (± 10%)				* Coil Resistance LPR30 1C 12 VDC = 120 Ω 24 VDC = 480 Ω 240 VAC = 4.7 kΩ (± 10%)													

NOTE:- 1) All Specifications / Dimensions subject to Tolerance.
2) Any Techno commercial changes is / are subject to change without any notice.

GENERAL PURPOSE RELAYS				PCB MOUNT RELAYS									
HCC		MCC		MCC-P / PCB		PLT		PLE		PMCM			SCR
													
Solder		Solder		PCB		PCB		PCB		PCB / Plug In			PCB
1C / 2C / 3C		1C / 2C / 3C		2C / 3C		1C / 1NO		1C / 1NO		1C	2C		1C
12A	16A	5A	10A	6A		30A	NO : 30A NC : 20A	40A	NO : 40A NC : 30A	12A	16A	8A	7A
6-220 VDC		6-220 VDC		6-220 VDC		12-24 VDC		12-24 VDC		12-24 VDC			12-24 VDC
6-240 VAC		12-240 VAC		6-240 VAC		-		-		240 VAC			-
1.20 - 1.21W		0.72 -1.21 W		0.72 -1.21 W		0.90 W		0.90 W		0.53 - 0.55 W			0.36 W
2000 VAC		1500 VAC		1500 VAC		1500 VAC		1500 VAC		1000 VAC			750 VAC
2000 VAC		2000 VAC		2000 VAC		2500 VAC		2500 VAC		5000 VAC			1500 VAC
100 MΩ		100 MΩ		500 MΩ		1000 MΩ		1000 MΩ		1000 MΩ			100 MΩ
10 ⁵		10 ⁵		10 ⁵		10 ⁵		10 ⁵		10 ⁵			10 ⁵
10 ⁶		10 ⁷		10 ⁶		10 ⁶		10 ⁶		10 ⁶			10 ⁶
37.2×53.4(+9.1) ×38.5		29×43(+15.5)×34.5		27.6×35×42(+6)		27.5×32×20(+5)		27.5×32×20(+5)		12.7×29×20.4(+4)			19×15.4×15(+4)
70 gms		53 gms		48 gms		25 gms		22 gms		14 gms			10 gms (approx)
-		-		-		-		-		-			-
Diode		-		-		-		-		-			-
RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%		RESISTANCE IN 'Ω' ± 10%			RESISTANCE IN 'Ω' ± 10%
DC	AC	DC	AC	DC	AC	DC		DC		DC	AC		DC
30	4	30	7	30	7	-		-		-	-		-
120	16	200	-	200	-	160		160		270	-		400
270	-	390	-	390	-	-		-		-	-		-
480	70	500	110	500	110	640		640		1.05k	-		1.6k
1.9k	-	2.25k	440	2.25k	440	-		-		-	-		-
10k	2k	10k	2.4k	10k	2.4k	-		-		-	-		-
40k	-	40k	-	40k	-	-		-		-	35k		-
-	9.5k	-	9.5k	-	9.5k	-		-		-	-		-
-	-	-	-	-	-	-		-		-	-		-
*HCC 16A formerly known as MPR.		* Coil Resistance for MCC 3C 12 VDC = 150Ω* MCC 2C 12 VAC = 30Ω (± 10%)		* Coil Resistance for MCC-P 3C 12 VDC = 150Ω (± 10%)						* Contact Rating: - 12A, 16A & 8A resistive at 30 VDC / 250 VAC			