

Interface PCB Relays PI84/PI85



*RM84 Interface PCB Relay used
in PI84 complete assembly*



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The Relpol PI84/PI85 Interface PCB Relays offer a unique design for high current applications. The low current input and power consumption with load capabilities of high current switching is ideal for limited input sources and panel space savings.

A full featured model in one small package

The PI84/PI85 interface PCB relays are offered as a complete package which includes the following five factory installed pieces:

1. PCB (Printed Circuit Board module)
2. Relay socket
3. LED position indicator
4. Retainer clip
5. Description plate

Low input current, high switching capabilities

The PI84 interface PCB relays is rated at 8 amps resistive @250VAC and is available in a 2PDT (2 form-C contacts). The PI85 is rated at 16 amps resistive @250VAC and is available in a SPDT (1 form-C contact). The coil power consumption is approximately 750mA AC or 480mW DC.

Both interface relay styles are available in 24V DC, 24V AC and 120V AC models.

Rugged and reliable

With a mechanical life of 20 million cycles, and high contact switching capacity due to their hard nickel cadmium contacts, the PI84/PI85 interface PCB relays provide long lasting high quality contact reliability even

after millions of operations.

DIN-rail mounted relay sockets

The PI84/PI85 interface relay DIN-mounted sockets offer a slim space savings design. The relay socket includes a retainer clip to firmly hold the PCB relay and a description plate as standard.

Safety Approvals

The RM84 & RM85 interface PCB relays are UL recognized, CSA, VDE certified and CE marked which meets the requirements of all important international approval organizations, making them ideal for use in both domestic and export equipment.



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Interface PCB Relays (Form C) - 2 Pole

PI84 PCB Relay	Description	Position Indication	Coil Voltage	Catalog Number	Pkg Qty
	8A DPDT 2 Pole (2 Form C) AgNi Contacts Includes: PCB relay, plug-in socket, protective module, retainer clip and description plate	Electrical LED	24VDC	PI84-24DC-M41G	10
			24VAC	PI84-24AC-M91G	
			120VAC	PI84-120AC-M93G	

Interface PCB Relays (Form C) - 1 Pole

PI85 PCB Relay	Description	Position Indication	Coil Voltage	Catalog Number	Pkg Qty
	16A SPDT 1 Pole (1 Form C) AgNi Contacts Includes: PCB relay, plug-in socket, protective module, retainer clip and description plate	Electrical LED	24VDC	PI85-24DC-M41G	10
			24VAC	PI85-24AC-M91G	
			120VAC	PI85-120AC-M93G	

Accessories

RM84/RM85	Description	For use with...	Catalog Number	Pkg Qty
 RM85	Replacement PCB Relay Replacement operational relays for PI84/PI85 Interface PCB Relays	PI84-24DC-M41G	RM84-2012-25-1024	20
		PI84-24AC-M91G	RM84-2012-25-5024	
		PI84-120AC-M93G	RM84-2012-25-5120	
		PI85-24DC-M41G	RM85-2011-25-1024	20
		PI85-24AC-M91G	RM85-2011-25-5024	
		PI85-120AC-M93G	RM85-2011-25-5120	