

RP76 SERIES TECHNICAL DATA

RP76 Series	
Power Consumption	AC: <2 VA DC: <35 mA (no load)
Housing Material	Glass fiber reinforced plastic
Lens Material	Acrylic
Enclosure Rating	IP66 / NEMA 4
Circuit Protection	Vs reverse polarity protected (DC Models also have outputs short circuit and over current protected)
Time Options	No Delay, On Delay, Off Delay, One-shot (for Models With Timing Delay)
Time Settings	Adjustable, 0.1...15s (for Models with Timing Delay)
Ambient Operating Temp.	-25°C to +55°C
Storage Temp.	-40°C to +55°C
Relative Humidity	5% to 95% RH
EMC	IEC 60947-5-2, Parts 7.2.6.1.2.3 or RFI>3V/m (in 30-1000MHz), EFT>1KV, ESD>4KV (contact)
Voltage Withstandability	IEC 60947-5-2, Part 8.3.3.4 or 500 VDC (or 1500 VAC) for 1 min., between all supply terminals connected together and enclosure
Insulation Resistance	>20MΩ, with 500 VDC (or 1500 VAC) megger between all supply terminals connected together and enclosure.
Vibration Resistance	IEC 60947-5-2, Part 7.4.2 or 10-55 Hz, 1.0mm amplitude in x, y, and z directions for 30 min.
Shock Resistance	IEC 60947-5-2, Part 7.4.1 or 30g, 11ms in x, y, and z directions for six times each

Connection & Wiring Diagrams

AC	Micro AC Quick-disconnect (1/2"-20 UN)
Emitter DC	Micro DC Quick-disconnect (M12)
NPN	Micro DC Quick-disconnect (M12)
PNP	Micro DC Quick-disconnect (M12)