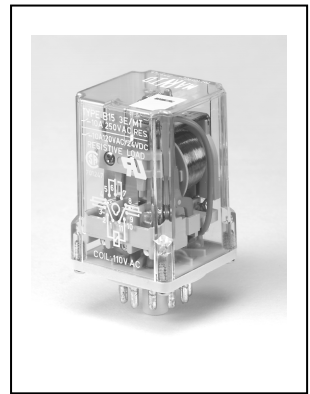


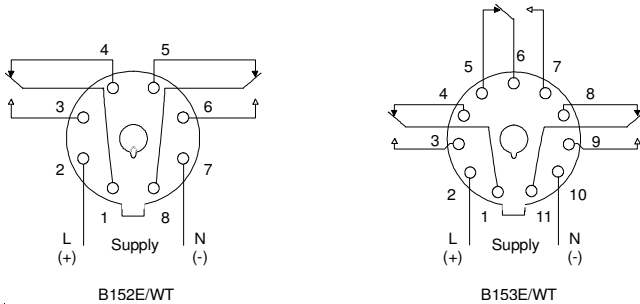
Type: B152E/WT, B153E/WT

Plug-In Power Relay



- ❑ Standard pin configuration
- ❑ 8-Pin Plug-In (B152E/WT)
- ❑ 11-Pin Plug-In (B153E/WT)
- ❑ 10A rated contacts (Cadmium Free)
- ❑ Push to test button
- ❑ Mechanical flag indication and mechanical latching
- ❑ UL and CSA approved

• CONNECTION DIAGRAM



• TECHNICAL SPECIFICATION

Supply voltage U_n : 12, 24, 48, 110V DC
 12, 24, 48, 110, 230, 240V AC (50/60Hz)
 Supply variation: 80 - 110% of U_n
 Power consumption: 2.5 VA (AC)
 1.5 W (DC)

Coil rating*:	Voltage	Resistance (20°C)
	12V AC	18.5Ω ± 15%
	24V AC	75Ω ± 15%
	48V AC	305Ω ± 15%
	110V AC	1700Ω ± 15%
	230V AC	7080Ω ± 15%
	240V AC	7760Ω ± 15%
	12V DC	110Ω ± 15%
	24V DC	430Ω ± 15%
	48V DC	1750Ω ± 15%
	110V DC	9200Ω ± 15%

Ambient operating temperature: -40 to +70°C

Output: 2 x C.O. (B152E/WT)
 3 x C.O. (B153E/WT)
 Output rating: AC 1 250V AC 10A (2500VA)
 DC 1 24V DC 10A (240W)
 Min. switching current: 50mA
 Max. inrush current: 20A
 Contact material: AgNi

Electrical life: ≥ 2 × 10⁵ ops at rated load (AC 1)
 Mechanical life: ≥ 2 × 10⁷
 Max. operating frequency: 1200 cycles/hour (rated load)
 12000 cycles/hour (no load)

Pull-in time: 12ms (AC), 18ms (DC)
 Drop-out time: 12ms (AC), 7ms (DC)

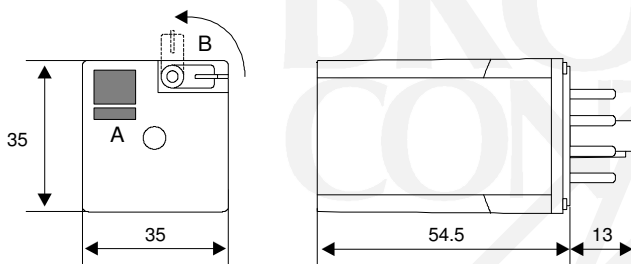
Test voltage - contact/winding: 2.5kV AC
 contact/contact: 1.5kV AC
 pole/pole: 2kV AC

Weight: ≈ 83g
 Cover protection category: IP40
 Shock resistance: 10g
 Vibration resistance: 5g (@ 10...150Hz)

Approvals: UL, CSA
 CE Compliant

* Other coil voltages available

• DIMENSIONS



A - mechanical indicator window
 B - mechanical latching

• ACCESSORIES

To suit:	B152E/WT	B153E/WT
Socket:	FWD8	FWD11
Relay retaining clip:	RR101	RR101



Other sockets available:	PF8 PF8-S	PF11 PF11-S
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