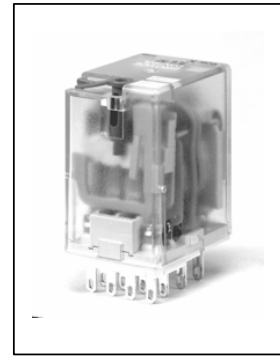


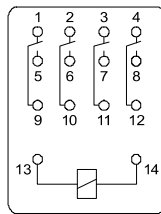
Type: BC4/WT

Miniature Plug-In Power Relay



- **Standard pin configuration**
- **Miniature size**
- **14-Pin Plug-In**
- **5A rated contacts (Cadmium Free)**
- **Push to test / turn to lock button**
- **Mechanical flag indication and mechanical latching**
- **UL and CUL approved**

• CONNECTION DIAGRAM



• TECHNICAL SPECIFICATION

Supply voltage U_n : 12, 24, 48, 110V DC
 12, 24, 48, 110, 230V AC (50/60Hz)
 Supply variation: 80 - 110% of U_n
 Power consumption: 1.9 VA (AC)
 1.1 W (DC)

Coil rating*:	Voltage	Resistance (20°C)
	12V AC	38Ω ± 15%
	24V AC	150Ω ± 15%
	48V AC	680Ω ± 15%
	110V AC	3100Ω ± 15%
	230V AC	13200Ω ± 15%
	12V DC	160Ω ± 15%
	24V DC	650Ω ± 15%
	48V DC	2600Ω ± 15%
	110V DC	13600Ω ± 15%

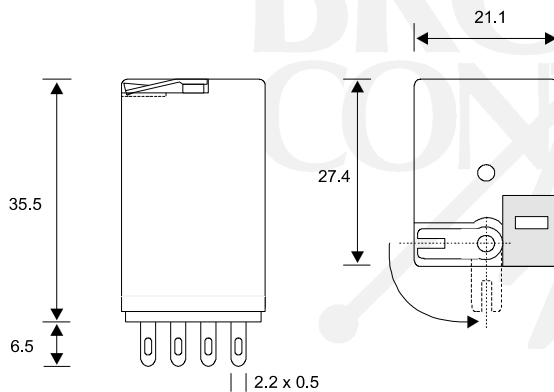
Ambient operating temperature:	-40 to +55°C	
Output:	4 x C.O.	
Output rating:	AC I	250V AC 5A (1250VA)
	DC I	30V DC 5A (150W)
Max. inrush current:	10A	
Contact material:	AgNi	
Electrical life:	≥ 1 x 10 ⁵ ops at rated load (AC I)	
Mechanical life:	≥ 1 x 10 ⁷	
Max. operating frequency:	1200 cycles/hour (rated load)	18000 cycles/hour (no load)
Pull-in time:	15ms	
Drop-out time:	15ms	

Test voltage - contact/winding:	2kV AC
contact/contact:	0.75kV AC
pole/pole:	2kV AC

Weight:	≈ 35g
Cover protection category:	IP40
Shock resistance:	10g
Vibration resistance:	5g (@ 10...150Hz)
Approvals:	UL, CUL CE Compliant

* Other coil voltages available

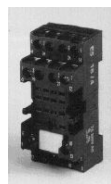
• DIMENSIONS



• ACCESSORIES

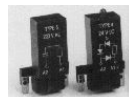
Socket:

PFZ4



Modules to suit PFZ4 socket

24V AC/DC LED module: DS-M62
 230V AC LED module: DS-M92
 24/48V AC "RC" Module: DS-M52
 115/230V AC "RC" Module: DS-M52A
 "Back EMF" Diode Module: DS-M22



Broyce Control Ltd., Pool Street, Wolverhampton, West Midlands WV2 4HN, England

BC4WT-1-A-A2007-05-18

Telephone: +44 (0) 1902 773746 Facsimile: +44 (0) 1902 420639 Email: sales@broycecontrol.com Web: http://www.broycecontrol.com

The information provided in this literature is believed to be accurate (subject to change without prior notice); however, use of such information shall be entirely at the user's own risk.