

Declaration of Conformity

Preparation Date: 30th May 2013

We **Broyce Control Ltd**
Of Pool Street, Wolverhampton, West Midlands, England, WV2 4HN

Declare under our sole responsibility that the products:

Earth Leakage Relays: Type: ELRP48V-30

to which this Declaration relates are in conformity with the following standards:

Emissions

| | | |
|-------------------------------|---------------------|-----------------|
| CISPR 22^{1 2} | Conducted Emissions | 150kHz - 30MHz |
| | Radiated Emissions | 30MHz - 1000MHz |

Immunity

| | | |
|-------------------------------------|--------------------------------------|---|
| EN 61000-4-2^{1 2 3} | Electrostatic Contact Discharge | ±8kV (Contact) / ±8kV (Air) |
| EN 61000-4-3^{1 2} | Radio Frequency Immunity (EM Field) | 10V/m, 80MHz – 1GHz, 1kHz, 80% AM |
| EN 61000-4-4^{1 2} | Fast Transients | ±2kV (Supply), ±1kV (Low Voltage Connections) |
| EN 61000-4-5^{1 2} | Surges | ±4kV 1.2/50µS (2.4kV for DC Power Supply) |
| EN 61000-4-6^{1 2} | Conducted Radio Frequency Immunity | 10Vrms, 150kHz – 80MHz, 1kHz, 80% AM |
| EN 61000-4-12² | Ringwave Immunity | 200A (0.5µS/100kHz) |
| IEC 61000-4-16 | Immunity to Common Mode Disturbances | Level 3 @ 10V (15Hz – 150kHz) |
| IEC 60947-2 Annex M | Current Surge | 250A 8/20µS |

¹ Basic Standard

² These tests are also covered in the standard EN 61543 (including Amendment 1), Residual Current Operated protective devices (RCD's) - Electromagnetic Compatibility, to which this product is compliant with.

³ 8kV Contact required as per IEC 60947-2 Annex J.

following the provisions of EMC Directive 2004/108/EC:

Signed by and on behalf of **Broyce Control Ltd**

Signature:
(David Gough)



Position: General Manager

Date: 30th May 2013