

Declaration of Conformity - EMC

Preparation Date: 9th June 2021

We Broyce Control Ltd

Of Pool Street, Wolverhampton, West Midlands, England WV2 4HN

Declare under our sole responsibility that the products:

ELR01PN and ELR30PN

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

Emissions (to EN 61000-6-3)

EN 55011	Conductive Emissions	150kHz – 30MHz
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Emissions (to EN 61000-6-3)

CISPR16	Radiative Emissions (Class B)	30MHz – 1000MHz
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Immunity (to EN 61000-6-2)

EN 61000-4-2	Electrostatic Contact Discharge test	±8kV (Contact) / ±8kV (Air)
EN 61000-4-3	Radio Frequency Immunity test	10V/m, 80MHz – 1GHz, 3V/m 1.4 – 2GHz 1V/m 2 – 2.7GHz, 1kHz, 80% AM
EN 61000-4-4	Fast Transients	±4kV Power, ±2kV Signal
EN 61000-4-5	Surges	±4kV L>E / ±4kV ¹ L>L
EN 61000-4-6	Conducted Radio Frequency Immunity	10Vrms, 150kHz – 80MHz, 1kHz, 80% AM
IEC 60947-2 Annex M	Current Surge (M.8.7.3) Ringwave (M.8.7.2)	250A 8/20µS 200A 0.5µS/100kHz

¹ as per Table J.1 of IEC 60947-2.

following the provisions of EMC Directive 2014/30/EU

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

Signature:
(David Gough)



Position:

General Manager

Date:

10th June 2021