



DECLARATION OF CONFORMITY

Manufacturer Name: OPAL-RT Technologies Inc.
Manufacturer Address: 1751 Richardson suite 1060, Montreal,
QC H3K 1G6 Canada
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This declaration of conformity is issued under the sole responsibility of:

OPAL-RT Technologies Inc.

Product Model / Product:

OP4512 with any of the following options
OP5330-3
OP5340
OP5342
OP5353
OP5360-3
OP5367-1
OP5367-3
OP5367-5
OP5369
OP5969-1
OP5969-2
OP5451 (PCIe OneStop kit)

Product Description:

Simulator with Digital and Analog Input and Output cards intended for indoor use only.
Ratings: 100-240V, 4A, 50-60HzHz, 400W max, pollution degree 2

Product category:

Electrical equipment for measurement, control, and laboratory use.

CE Conformity with the relevant Community harmonisation legislation:

2014/30/EU – Electromagnetic Compatibility Directive
2014/35/EU – Low Voltage Directive
2011/65/EU & (EU) 2015/863 – Restriction of Hazardous Substances (RoHS) in Electrical and Electronic Equipment directive
2012/19/EU – Waste from Electrical and Electronic Equipment (WEEE) Directive

UKCA Conformity with the relevant harmonisation legislation:

Electromagnetic Compatibility Regulations 2016
 Electrical Equipment (Safety) Regulations 2016
 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic
 Equipment Regulations 2012

References to the standards in relation to which conformity is declared		
Category	Standards	Test Specifications
Emissions:	EN61326-1 (2021) / EN61326-1 (2013)	
	EN55011 (2016) A1(2017) CISPR11(2015) A1(2016) A2 (2019)	Conducted Emissions: Group 1 - class A 150kHz-30MHz Radiated Emissions: Group 1 - class A 30MHz-1GHz 1GHz-18GHz
Immunity:	EN61000-4-2 (2009) / IEC61000-4-2 (2008)	Contact: $\pm 4\text{kV}$ Air: $\pm 2\text{kV}$, $\pm 4\text{kV}$, $\pm 8\text{kV}$
	IEC61000-4-3 (2006) A1 (2007) A2 (2010)	80MHz-1000MHz: 10V/m 1.4GHz-2GHz: 3V/m 2GHz-2.7GHz 1V/m
	IEC61000-4-4 (2012)	Power: $\pm 2\text{kV}$ / 5kHz I/O Ports: N/A Communication Ports (Ethernet): $\pm 2\text{kV}$ / 5kHz
	IEC61000-4-5 (2014)	Power: $\pm 2\text{kV}$ L-PE / $\pm 1\text{kV}$ L-L I/O Ports: N/A Communication Ports: N/A
	IEC61000-4-6 (2013)	Power: 3V I/O Ports: N/A Communication Ports (Ethernet): 3V
	EN61000-4-8 (2010) / IEC61000-4-8 (2009)	Continuous Field: 30A/m
	IEC61000-4-11 (2004)	Voltage dips: 0%Un during 1 cycle 40%Un during 10 cycles (at 50Hz) 40%Un during 12 cycles (at 60Hz) 70%Un during 25 cycles (at 50Hz) 70%Un during 30 cycles (at 60Hz) Short interruptions: 0%Un during 250 cycles (at 50Hz) 0%Un during 250 cycles (at 60Hz)
Safety:	EN 61010-1 / IEC 61010 Edition 3.1 2017-01	Test procedure: CB Scheme



Date: 2023-10-02

Authorised representative
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OPAL-RT TECHNOLOGIES