

Manufacturer's Name: Delta Controls Inc.
Manufacturer's Address: 17850 56th Avenue
 Surrey, British Columbia, V3S 1C7
 Canada
Telephone Number: 604-574-9444

Delta Controls Inc. declares under our sole responsibility that the following product(s):

Product Name: Red5 Power Injector Expansion Module
Model Numbers: Red5-EXPAND-04, Red5-EXPAND-04-UL294
Product Options: All

Comply with the relevant European Union legislations:

2014/30/EU Electromagnetic Compatibility (EMC) Directive
 The product was tested in a typical configuration to check conformity with the EMC directive.

2011/65/EU and 2015/863 Restriction of Use of Hazardous Substances (RoHS) Directive
 To our best knowledge, the products comply with the RoHS2 Directive and its amendment Directive (EU) 2015/863 (sometimes referred to as RoHS3), which may or may not include exemptions. The amounts of ten restricted substances, if present, are below the required limits.

Conform to the following harmonised standards and technical specifications:

EMC

EN 61000-6-3:2007/A1:2011/AC:2012	Generic Emission Standard Part 1: Light Industrial/Residential	
EN 55032:2015/A11:2020	Emission Requirements for Multimedia Equipment	
EN 55032:2015/A11:2020	Radiated Emissions	Class B
EN 55032:2015/A11:2020	AC Mains Conducted Emissions	Class B
EN 55032:2015/A11:2020	Telecommunication Port Conducted Emissions	Class B
EN 61000-3-2:2014	Power Line Harmonics	Class A
EN 61000-3-3:2013	Power Line Voltage Fluctuations and Flicker	$P_{st} < 1$, $P_{it} < 0.65$
EN 61000-6-1:2007	Generic Immunity Standard Part 1: Light Industrial/Residential	
EN 55035:2017/A11:2020	Immunity Requirements for Multimedia Equipment	
IEC 61000-4-2:2008	ESD Immunity	Criterion B
IEC 61000-4-3:2006/AMD2:2010	RF Electromagnetic Field Immunity	Criterion A
IEC 61000-4-4:2012	EFT/Burst Immunity	Criterion B/B
IEC 61000-4-5:2014/AMD1:2017	Surge Transient Immunity	Criterion B/B
IEC 61000-4-6:2013	Conducted Immunity	Criterion A
IEC 61000-4-8:2009	Power Frequency Magnetic Field Immunity	Criterion A
IEC 61000-4-11:2004/AMD1:2017	Voltage Dips / Interruptions	Criterion B/B/C/C

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Delta Controls Inc. declares under our sole responsibility that the product(s) on Page 1 comply with the relevant UK legislations:

Electromagnetic Compatibility Regulations 2016

The product was tested in a typical configuration to check conformity with the Electromagnetic Compatibility Regulations.

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

To our best knowledge, the product complies with the UK RoHS Regulations, which may or may not include exemptions. The amounts of restricted substance, if present, are below the required limits.

Conform to the following designated standards and technical specifications:

EMC

EN 61000-6-3:2007/A1:2011/AC:2012	Generic Emission Standard Part 1: Light Industrial/Commercial/Residential	
EN 55032:2015/A11:2020	Emission Requirements for Multimedia Equipment	
EN 55032:2015/A11:2020	Radiated Emissions	Class B
EN 55032:2015/A11:2020	AC Mains Conducted Emissions	Class B
EN 55032:2015/A11:2020	Telecommunication Port Conducted Emissions	Class B
EN 61000-3-2:2014	Power Line Harmonics	Class A
EN 61000-3-3:2013	Power Line Voltage Fluctuations and Flicker	$P_{st} < 1$, $P_{it} < 0.65$
EN 61000-6-1:2007	Generic Immunity Standard Part 1: Light Industrial/Commercial/Residential	
EN 55035:2017/A11:2020	Immunity Requirements for Multimedia Equipment	
IEC 61000-4-2:2008	ESD Immunity	Criterion B
IEC 61000-4-3:2006/AMD2:2010	RF Electromagnetic Field Immunity	Criterion A
IEC 61000-4-4:2012	EFT/Burst Immunity	Criterion B/B
IEC 61000-4-5:2014/AMD1:2017	Surge Transient Immunity	Criterion B/B
IEC 61000-4-6:2013	Conducted Immunity	Criterion A
IEC 61000-4-8:2009	Power Frequency Magnetic Field Immunity	Criterion A
IEC 61000-4-11:2004/AMD1:2017	Voltage Dips / Interruptions	Criterion B/B/C/C

Manuel Medina
 Quality Assurance Manager
 January 27, 2023

FCC Compliance Information:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and ICES-003. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Changes or modifications to this equipment, not expressly approved by the manufacturer could void the user's authority to operate the equipment.

ISED Canada Compliance Information:

ICES-003 Issue 7

CAN ICES-3 (B)/NMB-3(B)

UL and CSA Compliance Information:

This Product confirms to the following UL and CSA requirements:



UL 916*: Energy Management Equipment

CAN/CSA C22.2 No. 205*: Signal Equipment – Consumer and Commercial Equipment

*For Red5-EXPAND-04 model only



UL294**: UL Standard for Access Control System Units

**For Red5-EXPAND-04-UL294 model only