



EU Declaration of Conformity

Product: **WRC4 Product Family**

Name & address of the manufacturer: **Western Reserve Controls Inc.**
1485 Exeter Drive
Akron Ohio 44306 U.S.A.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration: **WRC4 I/O Modules & Mounting Boards**
(Reference the attached list of catalog numbers)

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

2014/35/EU	Low Voltage Directive	(LVD)
2014/30/EU	EMC Directive	(EMC)
2011/65/EU	RoHS Directive	(RoHS2)

References to the relevant harmonized standards used or references to the other technical specifications in relation to which conformity is declared:

- EN 62368-1 **Safety Standard for IT & AV Equipment**
- EN 60065 **Safety Standard for IT & AV Equipment**
- EN 60950-1 **Safety Standard for IT Equipment**
- EN 61000-4-3 **Radiated, Radio-Frequency, Electromagnetic Field Immunity**
- EN 61000-4-6 **Immunity to Conducted Disturbances, Induced by Radio-Frequency Fields**
- EN 61000-4-5 **Surge Immunity**
- EN 61000-4-2 **Electrostatic Discharge Immunity**
- EN 61000-4-4 **Electrical Fast Transient/Burst Immunity**
- EN 61000-4-11 **Voltage Dips, Short Interruptions and Voltage Variations Immunity**
- EN 61000-4-8 **Power Frequency Magnetic Field Immunity**
- EN 61000-3-3 **Flicker/Voltage Fluctuation Emissions**
- EN 61000-3-2 **Limits for Harmonic Current Emissions**
- EN 55011 **Radiated Emissions**
- EN 55011 **Conducted Emissions**
- EN 50581:2012 **Technical Documentation for the Assessment of Electrical and Electronic Products with respect to the Restriction of Hazardous Substances**

Additional Information:

None

Signed for and on behalf of the above manufacturer:

Place and date of issue: Akron Ohio, June 15, 2017

Name, function: Fred Billock, President WRC

Signature:



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WRC4 Module CE Compliance

Part Number	Product Description	Directive		
		2014/30/EU	2014/35/EU	2011/65/EU
		EMC	LVD	RoHS 2
WRC4-IA5S	120VAC INPUT,5V LOGIC	YES	YES	YES
WRC4-IAYS	120VAC INPUT,15V LOGIC	YES	YES	YES
WRC4-IAXS	120VAC INPUT,24V LOGIC	YES	YES	YES
WRC4-IB5S	3.3-32VDC INPUT,5V LOGIC	YES	NR	YES
WRC4-IBYS	3.3-32VDC INPUT,15V LOGIC	YES	NR	YES
WRC4-IBXS	3.3-32VDC INPUT,24V LOGIC	YES	NR	YES
WRC4-IM5S	240VAC INPUT,5V LOGIC	YES	YES	YES
WRC4-IMYS	240VAC INPUT,15V LOGIC	YES	YES	YES
WRC4-IMXS	240VAC INPUT,24V LOGIC	YES	YES	YES
WRC4-IN5S	10-60VAC INPUT,5V LOGIC	YES	YES	YES
WRC4-INYS	10-60VAC INPUT,15V LOGIC	YES	YES	YES
WRC4-INXS	10-60VAC INPUT,24V LOGIC	YES	YES	YES
WRC4-INXS-S1	10-60VAC INPUT,24V LOGIC	YES	YES	YES
WRC4-IT5S	FAST 3.3-32VDC INPUT,5V LOGIC	YES	NR	YES
WRC4-ITYS	FAST 3.3-32VDC INPUT,15V LOGIC	YES	NR	YES
WRC4-ITXS	FAST 3.3-32VDC INPUT,24V LOGIC	YES	NR	YES
WRC4-OA5S	120VAC OUTPUT,5V LOGIC	YES	YES	YES
WRC4-OAYS	120VAC OUTPUT,15V LOGIC	YES	YES	YES
WRC4-OAXS	120VAC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OAXS-S3	120VAC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OAXSC	120VAC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OAXSC-S1	120VAC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OB5S	3-60VDC OUTPUT,5V LOGIC	YES	NR	YES
WRC4-OBYS	3-60VDC OUTPUT,15V LOGIC	YES	NR	YES
WRC4-OBXS	3-60VDC OUTPUT,24V LOGIC	YES	NR	YES
WRC4-OBXS11	3-60VDC OUTPUT,24V LOGIC,LL	YES	NR	YES
WRC4-OC5S	5-200VDC OUTPUT,5V LOGIC	YES	YES	YES
WRC4-OCYS	5-200VDC OUTPUT,15V LOGIC	YES	YES	YES
WRC4-OYXS	5-200VDC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OF5S	0-50VDC FET OUTPUT,5V LOGIC	YES	NR	YES
WRC4-OG5S	0-100VDC FET OUTPUT,5V LOGIC	YES	YES	YES
WRC4-OL5S	240VAC OUTPUT,5V LOGIC,LL	YES	YES	YES
WRC4-OL5S-NM	240VAC OUTPUT,5V LOGIC,LL	YES	YES	YES



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WRC4 Module CE Compliance (Continued)

Part Number	Product Description	Directive		
		2014/30/EU	2014/35/EU	2011/65/EU
		EMC	LVD	RoHS 2
WRC4-OLYS	240VAC OUTPUT,15V LOGIC,LL	YES	YES	YES
WRC4-OLXS	240VAC OUTPUT,24V LOGIC,LL	YES	YES	YES
WRC4-OM5S	240VAC OUTPUT,5V LOGIC	YES	YES	YES
WRC4-OM5S-NM	240VAC OUTPUT,5V LOGIC	YES	YES	YES
WRC4-OM5SC	240VAC OUTPUT,5V LOGIC,NC	YES	YES	YES
WRC4-OM5SR	240VAC OUTPUT,5V LOGIC,RAN	YES	YES	YES
WRC4-OMYS	240VAC OUTPUT,15V LOGIC	YES	YES	YES
WRC4-OMXS	240VAC OUTPUT,24V LOGIC	YES	YES	YES
WRC4-OMXSC	240VAC OUTPUT,5V LOGIC,NC	YES	YES	YES
WRC4-RC5S	0-125V RELAY,5V LOGIC,NC	YES	YES	YES
WRC4-RCXS	0-125V RELAY,15V LOGIC,NC	YES	YES	YES
WRC4-RCYS	0-125V RELAY,24V LOGIC,NC	YES	YES	YES
WRC4-RO5S	0-125V RELAY,5V LOGIC,NO	YES	YES	YES
WRC4-ROXS	0-125V RELAY,15V LOGIC,NO	YES	YES	YES
WRC4-ROYS	0-125V RELAY,24V LOGIC,NO	YES	YES	YES
WRC4-SWIA5S	120VAC INPUT W/SW,5V LOGIC	YES	YES	YES
WRC4-SWIB5S	3.3-32VDC INPUT W/SW,5V LOGIC	YES	NR	YES
WRC4-SWIM5S	240VAC INPUT W/SW,5V LOGIC	YES	YES	YES
WRC4-SWOA5S	120VAC OUTPUT,W/SW,5V LOGIC	YES	YES	YES
WRC4-SWOA5S-NM	120VAC OUTPUT,W/SW,5V LOGIC,NM	YES	YES	YES
WRC4-SWOAXS-S3	120VAC OUTPUT,W/SW,24V LOGIC	YES	YES	YES
WRC4-SWOAXSC-S3	120VAC OUTPUT,W/SW,24V LOGIC,NC	YES	YES	YES
WRC4-SWOB5S	3-60VDC OUTPUT,W/SW,5V LOGIC	YES	YES	YES
WRC4-SWOF5S	0-50VDC FET OUTPUT,W/SW,5V LOGIC	YES	NR	YES
WRC4-SWOL5S-NM	240VAC OUTPUT,W/SW,5V LOGIC,NM,LL	YES	YES	YES
WRC4-SWOM5S	240VAC OUTPUT,W/SW,5V LOGIC	YES	YES	YES
WRC4-WC5S	0-125V WATCHDOG,5V LOGIC,NC	YES	YES	YES
WRC4-WO5S	0-125V WATCHDOG,5V LOGIC,NO	YES	YES	YES
Custom Versions				
MUS-CS-2242-1	WRC4-OM5S	YES	YES	YES
MUS-CS-2243-1	WRC4-IM5S	YES	YES	YES
MUS-CS-2244-1	WRC4-OA5S	YES	YES	YES
MUS-CS-2245-1	WRC4-IA5S	YES	YES	YES



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YES: COMPLIES
 NR: NOT REQUIRED
 NO: NOT IN COMPLIANCE

WRC4 Mounting Board CE Compliance

Part Number	Mounting Board Description	Directive		
		2014/30/EU	2014/35/EU	2011/65/EU
		EMC	LVD	RoHS 2
WRC4-A12T-S1	Mounting Board, 12 pt. DIN, WRC4	YES	YES	YES
WRC4-A16H	16 Point with Header	YES	YES	YES
WRC4-A16H-DIN	16 Point with Header-Din Mount	YES	YES	YES
WRC4-A16I	16 Point Isolated with Terminals	YES	YES	YES
WRC4-A16I-DIN	16 Point Isolated w/Terms-DIN Mount	YES	YES	YES
WRC4-A16T	16 Point with Terminals	YES	YES	YES
WRC4-A16T-DIN	16 Point with Terminals-DIN Mount	YES	YES	YES
WRC4-A24H	24 Point with Header	YES	YES	YES
WRC4-A24H2	24 Point w/Header-Pluggable Terminals	YES	YES	YES
WRC4-A24H2-NP	24 Point w/Head-No Pluggable Terms	YES	YES	YES
WRC4-A4I	4 Point Isolated with Terminals	YES	YES	YES
WRC4-A4I	4 Point Isolated w/Terminals-Din Mount	YES	YES	YES
WRC4-A4T	4 Point with Terminals	YES	YES	YES
WRC4-A4T-DIN	4 Point with Terminals-Din Mount	YES	YES	YES
WRC4-A8H	8 Point with Header	YES	YES	YES
WRC4-A8H-DIN	8 Point with Header-Din Mount	YES	YES	YES
WRC4-A8H-S1	8 Point with 16 Pin Header	YES	YES	YES
WRC4-A8H-S1-CK	8 Point with 16 Pin Header, 3 Pin Plug	YES	YES	YES
WRC4-A8H-S1-KIT	8 Point w/16 Pin Header,8,3,2 Pin Plugs	YES	YES	YES
WRC4-A8T	8 Point with Terminals	YES	YES	YES
WRC4-A8T-DIN	8 Point with Terminals-Din Mount	YES	YES	YES
WRC4-IBAS	1 Point with Terminals-Din Mount	YES	YES	YES
WRC4-IBAS16	16 IBAS-DIN Mount	YES	YES	YES
WRC4-IBAS2	2 IBAS-DIN Mount	YES	YES	YES
WRC4-IBAS3-S1C	3 IBAS-DIN Mount	YES	YES	YES
WRC4-IBAS4	4 IBAS-DIN Mount	YES	YES	YES
WRC4-IBAS8	8 IBAS-DIN Mount	YES	YES	YES
WRC4-A32C	32 Point with 40 Pin Header	YES	YES	YES
WRC4-A32D	32 Point with 2 - 20 Pin Headers	YES	YES	YES
WRC4-A32HDEC	32 Point with 50 Pin Header-DEC	YES	YES	YES

YES: Complies
 NR: Not Required
 NO: Not in Compliance