



EU Declaration of Conformity

Product: **1781 Slim 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: **1781 Slim 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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1781 Slim Module CE Compliance

| Part Number | Product Description | Directive | | |
|-------------|----------------------------------|------------|------------|------------|
| | | 2014/30/EU | 2014/35/EU | 2011/65/EU |
| | | EMC | LVD | RoHS 2 |
| 1781-IA5S | 120VAC INPUT,5V LOGIC | YES | YES | YES |
| 1781-IA5S | 3.3-32VAC INPUT,5V LOGIC | YES | YES | YES |
| 1781-IAYS | 120VAC INPUT,15V LOGIC | YES | YES | YES |
| 1781-IAXS | 120VAC INPUT,24V LOGIC | YES | YES | YES |
| 1781-IB5S | 3.3-32VDC INPUT,5V LOGIC | YES | NR | YES |
| 1781-IBYS | 3.3-32VDC INPUT,15V LOGIC | YES | NR | YES |
| 1781-IBXS | 3.3-32VDC INPUT,24V LOGIC | YES | NR | YES |
| 1781-IM5S | 240VAC INPUT,5V LOGIC | YES | YES | YES |
| 1781-IMYS | 240VAC INPUT,15V LOGIC | YES | YES | YES |
| 1781-IMXS | 240VAC INPUT,24V LOGIC | YES | YES | YES |
| 1781-IN5S | 10-60VAC INPUT,5V LOGIC | YES | YES | YES |
| 1781-INYS | 10-60VAC INPUT,15V LOGIC | YES | YES | YES |
| 1781-INXS | 10-60VAC INPUT,24V LOGIC | YES | YES | YES |
| 1781-IT5S | FAST 3.3-32VDC INPUT,5V LOGIC | YES | NR | YES |
| 1781-ITYS | FAST 3.3-32VDC INPUT,15V LOGIC | YES | NR | YES |
| 1781-ITXS | FAST 2\3.3-32VDC INPUT,24V LOGIC | YES | NR | YES |
| 1781-OA5S | 120VAC OUTPUT,5V LOGIC | YES | YES | YES |
| 1781-OAYS | 120VAC OUTPUT,15V LOGIC | YES | YES | YES |
| 1781-OAXS | 120VAC OUTPUT,24V LOGIC | YES | YES | YES |
| 1781-OB5S | 3-60VDC OUTPUT,5V LOGIC | YES | NR | YES |
| 1781-OB5S11 | 3-60VDC OUTPUT,5V LOGIC,II | YES | NR | YES |
| 1781-OBYS | 3-60VDC OUTPUT,15V LOGIC | YES | NR | YES |
| 1781-OBYS11 | 3-60VDC OUTPUT,15V LOGIC,LL | YES | NR | YES |
| 1781-OBXS | 3-60VDC OUTPUT,24V LOGIC | YES | NR | YES |
| 1781-OC5S | 5-200VDC OUTPUT,5V LOGIC | YES | YES | YES |
| 1781-OCYS | 5-200VDC OUTPUT,15V LOGIC | YES | YES | YES |
| 1781-OYXS | 5-200VDC OUTPUT,24V LOGIC | YES | YES | YES |
| 1781-OF5S | 0-50VDC FET OUTPUT,5V LOGIC | YES | NR | YES |
| 1781-OFYS | 0-50VDC FET OUTPUT,15V LOGIC | YES | NR | YES |
| 1781-OFXS | 0-50VDC FET OUTPUT,24V LOGIC | YES | NR | YES |
| 1781-OG5S | 0-100VDC FET OUTPUT,5V LOGIC | YES | YES | YES |
| 1781-OGYS | 0-100VDC FET OUTPUT,15V LOGIC | YES | YES | YES |
| 1781-OGXS | 0-100VDC FET OUTPUT,24V LOGIC | YES | YES | YES |



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1781 Slim Module CE Compliance-Continued

| Part Number | Product Description | Directive | | |
|-------------|------------------------------|------------|------------|------------|
| | | 2014/30/EU | 2014/35/EU | 2011/65/EU |
| | | EMC | LVD | RoHS 2 |
| 1781-OL5S | 240VAC OUTPUT,5V LOGIC,LL | YES | YES | YES |
| 1781-OLYS | 240VAC OUTPUT,15V LOGIC,LL | YES | YES | YES |
| 1781-OLXS | 240VAC OUTPUT,24V LOGIC,LL | YES | YES | YES |
| 1781-OM5S | 240VAC OUTPUT,5V LOGIC | YES | YES | YES |
| 1781-OM5SC | 240VAC OUTPUT,5V LOGIC,NC | YES | YES | YES |
| 1781-OM5SR | 240VAC OUTPUT,5V LOGIC,RAN | YES | YES | YES |
| 1781-OMYS | 240VAC OUTPUT,15V LOGIC | YES | YES | YES |
| 1781-OMYSR | 240VAC OUTPUT,15V LOGIC,RAN | YES | YES | YES |
| 1781-OMXS | 240VAC OUTPUT,24V LOGIC | YES | YES | YES |
| 1781-OMXSR | 240VAC OUTPUT,24V LOGIC,RAN | YES | YES | YES |
| 1781-OMXSC | 240VAC OUTPUT,5V LOGIC,NC | YES | YES | YES |
| 1781-RC5S | 0-125V RELAY,5V LOGIC,NC | YES | YES | YES |
| 1781-RCXS | 0-125V RELAY,15V LOGIC,NC | YES | YES | YES |
| 1781-RCYS | 0-125V RELAY,24V LOGIC,NC | YES | YES | YES |
| 1781-RO5S | 0-125V RELAY,5V LOGIC,NO | YES | YES | YES |
| 1781-ROXS | 0-125V RELAY,15V LOGIC,NO | YES | YES | YES |
| 1781-ROYS | 0-125V RELAY,24V LOGIC,NO | YES | YES | YES |
| 1781-SWIN5S | 10-60V INPUT W/SW,5V LOGIC | YES | YES | YES |
| 1781-SWOA5S | 120VAC OUTPUT,W/SW,5V LOGIC | YES | YES | YES |
| 1781-SWOAXS | 120VAC OUTPUT,W/SW,24V LOGIC | YES | YES | YES |
| 1781-SWOB5S | 3-60VDC OUTPUT,W/SW,5V LOGIC | YES | YES | YES |
| 1781-WC5S | 0-125V WATCHDOG,5V LOGIC,NC | YES | YES | YES |
| 1781-WO5S | 0-125V WATCHDOG,5V LOGIC,NO | YES | YES | YES |

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



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1781-Slim & 1771 Standard Mounting Board CE Compliance

| Part Number | Mounting Board Description | Directive | | |
|------------------|-------------------------------------|------------|------------|---------------|
| | | 2014/30/EU | 2014/35/EU | 2011/65/EU |
| | | EMC | LVD | RoHS 2 |
| 1771-JMB | 16 Point with Edge Connector | YES | YES | YES |
| 1771-JMB8 | 8 Point with Edge Connector | YES | YES | YES |
| 1771-JMBH | 16 Point with Header | YES | YES | YES |
| 1781-A16A | 16 Point with Edge Connector | YES | YES | YES |
| 1781-A16H | 16 Point with Header | YES | YES | YES |
| 1781-A16T | 16 Point with Terminals | YES | YES | YES |
| 1781-A24A | 24 Point with Edge Connector | YES | YES | YES |
| 1781-A24H | 24 Point with Header | YES | YES | YES |
| 1781-A24H2 | 24 Point with Header, 2 row | YES | YES | YES |
| 1781-A32A2 | 32 Point with Edge Connector, 2 row | YES | YES | YES |
| 1781-A32H2 | 32 Point with Header, 2 row | YES | YES | YES |
| 1781-A4R | 4 Point Outputs Only with Terminals | YES | YES | YES |
| 1781-A4T | 4 Point with Terminals | YES | YES | YES |
| 1781-A8A | 8 Point with Edge Connector | YES | YES | YES |
| 1781-A8T | 8 Point with Terminals | YES | YES | YES |
| 1781-A6QA | 6 Quads with Edge connector | YES | YES | YES |
| 1781-A6QH | 6 Quads with Header | YES | YES | YES |



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| | | | | |
|-----------|----------------------------------|-----|-----|-----|
| 1782-IBAS | 1 Point with Terminals | YES | YES | YES |
| 1782-A16R | 16 Point Isolated with Terminals | YES | YES | YES |

YES; Complies

NR: Not Required

NO: Not in Compliance