



Declaration of Conformity

Red Lion Controls Industrial Products

ATEX

Red Lion Controls Declaration of Conformity - ATEX

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ATEX Directive 2014/34/EU (as amended) relating to Group II, Category 3 locations

IEC 60079-0: 2018 Explosive Atmospheres - Part 0: Equipment - General requirements.

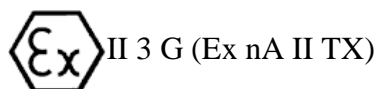
IEC 60079-15: 2017 Electrical Apparatus for Explosive Gas Atmospheres - Part 15: Construction, test and marking of type of protection "n" electrical apparatus.

Zone 2: An area where an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or mist is not likely to occur in normal operation. But if it does occur it will persist for a short period only.

Group II: Surface Industries (Not mining)

Category 3 - Equipment in this category is intended for use in areas in which explosive atmospheres caused by gases, vapors or mists mixtures are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.

Red Lion products are manufactured under ISO 9001:2015 quality management system.



ATEX Temperature class rating	Maximum surface temperature of enclosure and components. (°C)
T1	450
T2	300
T3	200
T4	135
T5	100
T6	85

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Connectivity Listing

T Rating	Temp.	Model Numbers
T4	-40 to 85C	SLX-3EG-1SFP
T4	-40 to 85C	SLX-5 followed by EG or RG followed by -1 or -2SFP
T4	-40 to 85C	SLX-3 followed by ES followed by -1 or -2 may be followed by SC, ST, SCL or STL
T4	-40 to 75C	SLX - 5, 8 or 9 followed by MS followed by -1 to 9 may be followed by SC, ST, SCL or STL
T4	-40 to 85C	SLX - 5, 8 or 9 followed by ES followed by -1 to 9 may be followed by SC, ST, SCL or STL
T4	-40 to 75C	SLX-10MG-1
T4	-40 to 75C	SLX-8MG-1
T4	-40 to 75C	SLX-16MS-1 and SLX-18MG-1
T4	-40 to 85C	SLX-6 followed by ES or RS followed by -1 thru -5 may be followed by SC, ST, SCL or STL may be followed by D1
T5	-10 to 60C	SL-2ES; -2 or -3 followed by SC, ST, SCL or STL
T4	-40 to 60C	SL-6 followed by ES or RS followed by -1 thru -5 may be followed by SC, ST, SCL or STL may be followed by D1
T5	-40 to 60C	SL - 5, 8 or 9 followed by ES followed by -1 to 3 may be followed by SC, ST, SCL or STL
T5	-40 to 75C	ET- 5 followed by ES or RS followed by -IP67 followed by -D, E, D1 or E1
T5	-40 to 60C	EB-GT-8ES-1EP

Automation Listing

T Rating	Temp.	Model Numbers
T4	-40 to 75C	E2 or EB -MIX24880; MIX24882; 32DI24; 16DI24; 32DO24; 16DO24; 32AI20M; 32AI10V; 16AI20M; 8AO20M; 16AI8AO; 16INS; 8INS; 10RTD; 16ISO20M; 8ISOTC; 16ISOTC; or 16DORLY followed by -D; -M or -B1.
T5 for ET-8A12-4A02-H. All others T4.	-40 to 70C	ET-MIX24880; 16DI2; 16DO2; 16AI2; 8INS; 8CNT; 8DI2-8DO2; 8DI2-8AI2; 8AI2-4AO2 and 4RTD-4DI2 followed by -D, H or U.
T4	-20 to 65C	ST-IPM-1350, ST-IPM-2350, ST-IPM-6350, ST-IPM-8460, VT-IPM-1410 and VT-IPM-2410.
T4	-20 to 65C	VT-MIPM-131-D, -135-D, -241-D and -245-D. VT-IPM2M-113-D and VT-IPM2M-213-D
T4	-20 to 65C	VT-UIPM-431-H and VT-UIPM-441-H
T3	-40 to 75C	RAM followed by -9, followed by 4, 6, 7, 8 or 9, followed by 0, 1, 2, 3, 6 or 7, followed by 0, 1 or 2, followed by VZ, BM, SP, AT, GE, MTS, ST, TE, TEGT, TEIM, BMGT, VZST, RO, EU or XX

Corporate Headquarters
1750 5th Avenue, York PA, 17403 USA



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Automation Listing (continued)

T Rating	Temp.	Model Numbers
T4	-40 to 75C	E3-10RTD-1, E3-MIX24880-1, E3-MIX24882-1, E3-32DI24-1, E3-32DO24-1, E3-32AI20M-1, E3-32AI10V-1, E3-16DI24-1, E3-16DO24-1, E3-8AO20M-1, E3-16AI20M-1, E3-16AI8AO-1, E3-16ISOTC-1, E3-16ISO20M-1 or E3-MIX20884-1.
T5	-40 to 80C	6HBWDOG1

Power Device Listing

T Rating	Temp.	Model Numbers
T4	-40 to 75C	EB-PS-4824-13
T4	-40 to 75C	EB-PD followed by -24V-1 or UPS-1
T3	-40 to 75C	EB-PSE-24V followed by -1A or -1B
T4	-40 to 75C	EB-PSE-48V followed by -2A or -2B
T4	-40 to 75C	EB-5ES-PSE followed by -1, -2, or -3 followed by SC, SCL, ST or STL

Modem Listing

T Rating	Temp.	Model Numbers
T5	-40 to 75C	SLX-5MS-MDM-1

Special Conditions for safe use.

These products are operator interface units to be used within control panels. The enclosure shall be suitable for the location. A minimum IP54 rated enclosure is needed for ATEX unless an equivalent degree of protection is supplied by the location.

No hot swapping of any of the Automation products in hazardous locations.

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Authorized by



Marcel van Helten

President

Authorized Signatory

Corporate Headquarters
1750 5th Avenue, York PA, 17403 USA

