

UL/CUL/CSA Certification Numbers

UL/CUL/CSA Certification Numbers ¹			
Name	UL/cUL	CSA	ISO-9000
Acme Encapsulated 3-Phase Distribution Transformers	E79947 (Style SR)	LR7357 (Type SR)	–
AcuAmp Current Sensors, Switches, Transducers	E222847, E197592	–	–
AcuAmp Current Transformers	E488023	–	–
ADC 22mm Pushbuttons and Indicating Lights ECX/GCX models	E189258	66746	–
ADC Contactors	E191059	–	✓
ADC CTT Series Counter/Timer/Tach	E311366	–	–
ADC Foot Switches	E191072	–	–
ADC GS & DURAPULSE Drives	E198015	–	–
ADC Limit Switches	E191072	–	✓
ADC Line Reactors - GS series	E61431	–	–
ADC Line Reactors - LR series	E197592	–	–
ADC Manual Motor Controllers	E195426	–	✓
ADC Photo Sensors	E130644, E224302 E187310	–	✓
ADC Proximity Switches	E130644, E187310 E328811	–	✓
ADC Relays - QL and QM Series	E222847	218218	–
ADC Relays - 75, 78 and PR40 Series	E191059	244610	–
ADC Relays - 755 Series	E43641	244610	–
ADC Relays - RS Series	E44592	–	–
ADC Relays - SSR2, SSR6, SSR8 Series	E222847	244610	–
ADC Relays - HSSR8 Series	E344125	–	–
ADC Sensor Cables: M12 LED and M12 IP69K Models	E191684	–	–
ADC Sensor Cables: Unshielded 7000 Series, 8 and 12 Pole Models	E325311	–	–
ADC Sensor Cables: Micro AC 1/2 Inch Quick-Disconnect Models	E177636	–	–
ADC Telephone Modems and Ethernet Switches	E200031	–	–
Atlas Industrial Monitors	E200031, E157382	–	–
Bimed Cable Glands (Plastic)	E199260	190896	–
Bimed Cable Glands (Brass)	E199260	–	–
BM Cable Ties ⁴	E223175	–	–
Bryant Plugs	E1381	16215	–
Bryant Connectors	E3381, E3382	16215	–
Bryant Receptacles	E2258	16215	–
Bryant Cover Plates	E31999	18416	–
Bryant Manual Motor Controllers	E70402	46186	–
Bryant Watertight Plugs & Connectors	E1706	1284294	–
BRX MPUs	E185989	–	–
BRX I/O Expansion Modules	E185989	–	–
BRX PLC	E185989	–	–
C-more EA7 Series Panels	E157382	234884	–
C-more EA9 Series Panels	E157382	–	–
C-more Micro EA1 Series Panels	E157382	234884	–
C-more Micro EA3 Series Panels	E157382	–	–
C-more Micro EA-ECOM	E157382	–	–
Cirronet RF Modems	E235438	–	–

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Name	UL/cUL	CSA	ISO-9000
CLICK PLC	E157382, E316037	–	✓ (Koyo)
Comepi Safety Limit Switches	E189258	176294	–
Contrinex Light Curtains	E321951	–	–
Cutler-Hammer Pushbuttons	E131568	68551	–
Cutler-Hammer Contactors	E1491	353	–
Data Cable	E118871	–	–
Datalogic Contrast Sensors	E227487	–	–
Datalogic Light Curtains	E226479	–	–
DINnectors (DN-SP-xx series only)	E320462	–	–
DINnectors (all other products)	E179129	–	–
DirectLOGIC PLC hazardous locations	E200031	–	✓ (Koyo)
DirectLOGIC PLCs & I/O	E157382	–	✓ (Koyo)
DirectTouch Panels	E178572	–	✓
Do-more PLCs & I/O	E157382, E185989 E139594, E200031	–	✓ (Koyo)
Dold Safety Relays	E107778	–	–
Eaton Supplementary Protectors (FAZ)	E177451, E257181	204453	–
Eaton Miniature Circuit Breakers (FAZ-NA)	E235139	204453	–
Eaton Limit Switches	E170645	E170645	–
Edison Fuse Blocks – T Class, BCM, BMM, JM, RM	E14853	47235	–
Edison Fuse Holders – CH	E14853	–	–
Edison Fuses	E19180, E162363, E162443	053787, 227483, 700489	–
Edison Power Distribution Blocks	E256146, E221592, E333541	700490 700489	–
Electri-Flex (Iiquaitte) Conduits	E29278, E79308	LL18858, LL230485	–
Hook-up Wire Type THHN	E123774, E156879	–	–
Hook-up Wire Type MTW	E156879, E51583	–	–
Hook-up Wire Type TFFN	E156878	–	–
Ethernet Patch Cable Ethernet Patch Cable Connector	E148114 E205572	–	–
FACTS I/O Modules	E139594, E200031	–	–
Ferraz Shawmut Fusible and Non-Fusible Disconnects	E191605 E258428	703166	–
Ferraz Shawmut Disconnects Shafts and Handles (SH400-15 = Socomec 379H1540)	E191605 E196672 E201138	703166	–
Ferraz Shawmut Disconnects Accessories (Connectors and Lugs)	E191605	703166	–
TL100 = Brumall 2/0 TP	E61509	026192_0_000 703166	–
TL200 = Brumall 3/0 TP	E61509	026192_0_000 703166	–
TL400 = Brumall 600T-2 / CMC PV2-600	E61509 E26130	030117_C_000 703166 026192_0_000	–
TL600 = Brumall 600T-2 / CMC PV2-600	E61509 E26130	030117_C_000 703166 026192_0_001	–
TL800 = CMC PV3-600	E26130	030117_C_00 703168	–
AC3= Socomec 39990701	E191127	703166	–
AC4= Socomec 39990702	E191127	703166	–
Flexible Cord, Types SJE00W/SEOOW	E46194	224650	–

Certification numbers continued on next page.

UL/CUL/CSA Certification Numbers

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Name	UL/cUL	CSA	ISO-9000
Flexible Cord, Type W	E308664	236844	–
Flowline Ultrasonic Level Sensors: LU20-5001-IS	–	LR79326-10	–
Fork Sensors	E328811	–	–
Fuji Molded Case Circuit Breakers: Fuji MCCB Accessories:	E90584 E93289	–	–
Fuji Motor Controls	E44592, E93289	20479	✓
Fuji Manual Motor Starters (stand-alone)	E163944	–	–
Fuji Manual Motor Starter w/ Fuji contactor	E211710	–	–
Fuji Pushbuttons	E44592	LR20479	–
Fuji Timers and Card Relays	E44592	–	✓
Fuse Blocks	E14853	47235_C_000	–
Fuses (Class CC)	E162363	700489	–
Fuses (Midget Class)	E162443	700489	–
Fuses (Class J)	E162363	700489	–
Fuses (Class RK5)	E162363	700489	–
Fuses (Class RK1)	E162363	700489	–
Fuses (Class T) Edison	E162363	53787	–
Fuses (General Purpose-Small Electronic)	E19180	227483053787_C_000	–
Gladiator Switches Open Type (Class CC)	E339079	–	–
Gladiator Switches Industrial Control Type (Class Midget)	E222847	–	–
Hammond Control Transformers	E50394	003902	–
Hammond Encapsulated Transformers	E50394	003902	–
Hitachi Drives	E178241	–	✓
H/W Filter Fan Kits WPF Series (PFANNENBERG PF Series)	E175229	–	–
H/W Metal Cabinet & Cutout Boxes	E6924	66078	–
H/W Metal Industrial Control Panels (Non- disconnect)	E64791	66078	–
H/W Metal Industrial Control Panels (Disconnect)	E64791	66078	–
H/W Metal Junction & Pull Boxes	E23553	66078	–
H/W Metal Wireway & Fittings	E32576	66078	–
H/W Non-Metal Enclosures	E64791	222873	–
Host Products	E185989	–	–
IDEM Emergency Stop Control Stations	E365665	–	–
IDEM Interlock Safety Switches	E258676	–	–
IDEM Interlock Solenoid Safety Switches	E258676	–	–
IDEM Non-Contact Safety Switches	E300466	–	–
irm IP69K-rated M8 Sensor Cables	E191687	–	–
I-Flex Flexible Liquid-Tight Tubing (NMPT)	E311916	–	–
Integra Polycarbonate Enclosures	E207562, E229365	–	–
IronHorse DC Drives ⁹	E198015 E333109	–	–
IronHorse Motors (T-Frame, TC-Frame)	–	200895 215302	✓
IronHorse Motors (Rolled Steel)	–	215302 256950	–
IronHorse Motors (Stainless Steel)	–	207449	✓
IronHorse Motors (DC 56C-frame)	–	247070	–
IronHorse Motors (DC small-frame)	E365956	259724	–
IronHorse Gearmotors (DC)	E365956	259724	–
Killark Hazardous Location Controls	E53360	LR11714	–
Konnect-It Terminal Blocks	E179129	–	–
Koyo Timers	E186879	–	✓
Koyo Encoders	E189395	–	✓
Koyo Proximity Switches	E198343	–	✓
Marathon Motors	E49747	LR37479 LR002025	–

UL/CUL/CSA Certification Numbers ¹			
Name	UL/cUL	CSA	ISO-9000
MCCB (molded case circuit breakers)	E7819, E64983	43556	–
MCCB Field Installed Accessories	E64983	–	–
Mersen Type 1 Surge Protectors	E210793	162842	–
Micro Detectors UK1/UT1 Ultrasonic Sensors	E187310	–	–
Multi-Conductor Control Cable	E75755	156016	–
Murr Field Wireable Connectors T-Couplers	E224242 E325311	–	–
Nitra Cylinder Switches ⁸	E328811	–	–
Non-Fused Disconnects	E226699	–	–
Optimate Panels	E182843	–	–
Patlite Stacklights	E215660	–	–
Productivity2000 CPU and I/O	E139594	–	–
Productivity3000 CPU and I/O ⁵	E139594	–	–
ProSense Flow Switches	E320431	–	–
ProSense Flow Transmitters	E320431	–	–
ProSense Magnetic-Inductive Flow Meters	E320431	–	–
ProSense Pressure Sensors	E320431	–	–
ProSense QPS Pressure Switch	E157382	–	–
ProSense Submersible Level Sensors	E197886	–	–
ProSense Temperature Sensors	E324411	–	–
ProSense Temperature Transmitters, Probes & Digital Switches	E311366	–	–
ProtosX	E157382	–	–
Rhino Power Supplies (FA Series)	E200031	–	–
Rhino Power Supplies (PS series) ²	E197592, E198298, E197886	229285	✓
Rhino Power Supplies (PSL series)	E197592, E198298	–	–
Rhino Power Supplies (PSE series)	E197592, E198298	–	✓
Rhino Power Supplies (PSM series)	E197592, E198298	229285	✓
Rhino Power Supplies (PSS series)	E198298	–	–
Rhino Power Supplies (PSB series)	E197592, E198298	249074	–
Rhino Power Supplies (PSP, PSC series) ³	E197592, E198298	–	✓
Rhino DC-DC Converters (PSE series)	E198298	–	–
Rhino DC-DC Converters (PSP series)	E197592	229285	–
Roxburgh EMI Filters	E191581 (not DRF)	–	–
RACO Liquid-Tight Connectors	E195969	–	–
Schmersal Pushbuttons	E57648	–	–
Signal Conditioners: FC Series	E200031	–	–
Signal Conditioners: FC-ISO Series	E157382	–	–
Signal Conditioners: Universal	E314521	–	–
Solo Process Controllers	E311366	–	–
STEGO Filter Fan Kits	E234324	–	–
STEGO Heaters	E150057, E234324 E204590,	–	–
STEGO Lighting	E234324	–	–
STEGO Temperature Controllers	E164102	215952	–
Stratus Air Conditioners	SA33404	–	–
Stratus Heat Exchangers	SA34086	–	–
Stellar SR22 Compact Soft Starters	E333109	–	–
Stellar Soft Starters SR33-22 to SR33-280	E333109	–	–
Stellar Soft Starters SR33-350 to SR33-482	–	–	–
Stellar SR44 Full-Featured Soft Starters	E333109	–	–
Stellar Soft Starters SR55-017 to SR55-361	ETL	ETL	–
Stellar Soft Starters SR55-414 to SR55-477	–	–	–
Signal Conditioners: FC-ISO Series	E157382	–	–

Certification numbers continued on next page.

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Name	UL/cUL	CSA	ISO-9000
Signal Conditioners: Universal	E314521	–	–
Solo Process Controllers	E311366	–	–
STEGO Filter Fan Kits	E234324	–	–
STEGO Heaters	E150057, E234324 E204590,	–	–
STEGO Lighting	E234324	–	–
STEGO Temperature Controllers	E164102	215952	–
Stratus Air Conditioners	SA33404	–	–
Stratus Heat Exchangers	SA34086	–	–
Stride Ethernet Switches	E200031	–	–
Stellar SR22 Compact Soft Starters	E333109	–	–
Stellar Soft Starters SR33-22 to SR33-280	E333109	–	–
Stellar Soft Starters SR33-350 to SR33-482	–	–	–
Stellar SR44 Full-Featured Soft Starters	E333109	–	–
Stellar Soft Starters SR55-017 to SR55-361	ETL	ETL	–
Stellar Soft Starters SR55-414 to SR55-477	–	–	–
SureServo Servo Systems - Drives	E198015	–	–
SureServo Servo Systems - Motors	E245050	–	–
ViewMarq LED Displays	E157382	–	–
WEG CWC Miniature Contactors	E202315, E18202	–	–
Wenglor	E189727	–	–
WERMA Signaltechnik	E164155	–	✓
Wire Duct	E123572	–	–
ZipLinks: FACTS Communication Adapters and all Cables ⁶	E200031, E139594	–	–
ZipLinks: FACTS Relay Modules	E157382	–	–
ZipLinks: FACTS Replacement Relays	E141060	–	–
ZipLinks: Non-FACTS Cables ⁷	E179771	80671	–
ZipLinks: Non-FACTS Connectors ⁷	E197592	–	–
ZipPort Junction Blocks	E328610	–	–
ZipPort Mini Cordsets, Mini Patch Cables, Field Wireable Connectors, Mini Bulkhead Connectors, Mini Cordsets.	E328610	–	–
ZipPort Multi-Wire	E342543	–	–
ZipPort Panel Interface Connectors	E329932	–	–
Z&F Crimp Terminals	E333905	1176867	–

Other Registrations and Certifications	
Name/Description	Designation
ITAR Part 122 - Registration of Manufacturers and Exporters, registered with Office of Defense Trade Controls	22CFR Section122

Flowline Ultrasonic Level Sensors	cFMus
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Footnotes

¹For the latest agency approvals information please see our Website:

<http://www.automationdirect.com/static/specs/agencyapprovals.pdf>

²PSxx-050D and PS24-500D are not UL/cUL 1604 listed.

³PSP05-020S, PSP12-024S and PSP24-240S are not UL 60950 recognized.

⁴Except for the following parts, which are not UL approved: BM-N8912, BM-N1012, BM-R1576, BM-R2076, BM-R3076, all BM-Txxxxx, all cable mounts and hand tools.

⁵P3-16TD3P, P3-HSI, P3-HSO and P3-SCM modules are not UL1604 E200031 recognized.

⁶The cables are listed in E200031 Vol. 5 Sec. 1; Titled: Unlisted Components Report. Included in this section are ZL-CMA15 and ZL-CMA15L as well. A copy of this section is available from ADC upon request.

⁷The manufacturer of these devices is no longer in business. Please verify listing status with UL directly at Multiple Listings Customer Service (1-877-854-3577 or mls@us.ul.com). For new projects please use ZipLinks manufactured by FACTS Engineering.

⁸Only CPS and CPSF, all others No UL

⁹Not all GSD drives are UL; refer to IronHorse GSD DC Drives section for details.

Agency Approvals

AC and DC Drives				
	UL	c/UL CSA	CE	RoHS
GS and DuraPulse				
Drives	✓	✓	✓	✓
GS-EDRV				
GS-EDRV100	✓	✓		
* GS2-5xxx series 575V AC drives are not CE compliant.				
Line Reactors				
GS Series	✓	✓	✓	
LR Series	✓	✓	✓	✓
Hitachi				
L100 Series	✓		✓	
SJ100 Series	✓		✓	
IronHorse GSD DC Drives				
GSD1, GSD6				✓
GSD3, GSD5		✓..		✓
GSD4		✓..	✓..	✓
GSD7		✓		✓
** Not all IH GSD DC drives are approved as indicated; check DC drives section.				

AutomationDirect					
	UL	cUL	CE	CSA	Class 1 Div 2
All contactors	✓	✓	✓	✓	
All AC drives	✓	✓	✓	✓	
All limit switches	✓	✓	✓	✓	
All Modems/ Ethernet switches	✓	✓	✓	✓	✓..
All photo sensors	✓	✓	✓	✓	
LED photo sensor cables	✓	✓		✓	
All proximity switches	✓	✓	✓	✓	
All relays	✓	✓	✓	✓	✓
All timers/counters (incl. timers/ counters/tachs)	✓	✓	✓	✓	
*All relays are CSA listed except HSSR8 series. All relays are CE marked except H750 series. Only HSSR8 series, H750 and H782 series relays are rated for UL Class 1, Div 2 environments. All relays are also RoHS marked.					
**Hazardous location approval by model					

BRX					
	UL	cUL	CE	CSA	Class 1 Div 2
MPUs					
BX-DM1-10ED1-D	✓	✓	✓		
BX-DM1-10ED2-D	✓	✓	✓		
BX-DM1-10ER-D	✓	✓	✓		
BX-DM1-10AR-D	✓	✓	✓		
BX-DM1E-10ED13-D	✓	✓	✓		
BX-DM1E-10ED23-D	✓	✓	✓		
BX-DM1E-10ER3-D	✓	✓	✓		
BX-DM1E-10AR3-D	✓	✓	✓		
BX-DM1-18ED1	✓	✓	✓		
BX-DM1-18ED2	✓	✓	✓		
BX-DM1-18ER	✓	✓	✓		
BX-DM1-18AR	✓	✓	✓		
BX-DM1-18ED1-D	✓	✓	✓		
BX-DM1-18ED2-D	✓	✓	✓		
BRX approvals continued in next column.					

BRX					
	UL	cUL	CE	CSA	Class 1 Div 2
MPUs					
BX-DM1-18ER-D	✓	✓	✓		
BX-DM1E-18ED13	✓	✓	✓		
BX-DM1E-18ED23	✓	✓	✓		
BX-DM1E-18ER3	✓	✓	✓		
BX-DM1E-18AR3	✓	✓	✓		
BX-DM1E-18ED13-D	✓	✓	✓		
BX-DM1E-18ED23-D	✓	✓	✓		
BX-DM1E-18ER3-D	✓	✓	✓		
BX-DM1-36ED1	✓	✓	✓		
BX-DM1-36ED2	✓	✓	✓		
BX-DM1-36ER	✓	✓	✓		
BX-DM1-36AR	✓	✓	✓		
BX-DM1-36ED1-D	✓	✓	✓		
BX-DM1-36ED2-D	✓	✓	✓		
BX-DM1-36ER-D	✓	✓	✓		
BX-DM1E-36ED13	✓	✓	✓		
BX-DM1E-36ED23	✓	✓	✓		
BX-DM1E-36ER3	✓	✓	✓		
BX-DM1E-36AR3	✓	✓	✓		
BX-DM1E-36ED13-D	✓	✓	✓		
BX-DM1E-36ED23-D	✓	✓	✓		
BX-DM1E-36ER3-D	✓	✓	✓		
BX-DM1E-M	✓	✓	✓		
BX-DM1E-M-D	✓	✓	✓		
Discrete Expansion Modules					
BX-08ND3	✓	✓	✓		
BX-12ND3	✓	✓	✓		
BX-16ND3	✓	✓	✓		
BX-08NF3	✓	✓	✓		
BX-08NA	✓	✓	✓		
BX-12NA	✓	✓	✓		
BX-16NA	✓	✓	✓		
BX-08NB	✓	✓	✓		
BX-12NB	✓	✓	✓		
BX-16NB	✓	✓	✓		
BX-05TRS	✓	✓	✓		
BX-08TA	✓	✓	✓		
BX-08TD1	✓	✓	✓		
BX-08TD2	✓	✓	✓		
BX-08TR	✓	✓	✓		
BX-12TA	✓	✓	✓		
BX-12TD1	✓	✓	✓		
BX-12TD2	✓	✓	✓		
BX-12TR	✓	✓	✓		
BX-16TD1	✓	✓	✓		
BX-16TD2	✓	✓	✓		
BX-16TR	✓	✓	✓		
BX-08CD3R	✓	✓	✓		
BX-12CD3D1	✓	✓	✓		
BX-12CD3D2	✓	✓	✓		
BX-16CD3D1	✓	✓	✓		
BX-16CD3D2	✓	✓	✓		
BRX approvals continued in next column.					

BRX					
	UL	cUL	CE	CSA	Class 1 Div 2
POMs					
BX-P-SER2-RJ12	✓	✓	✓		
BX-P-SER2-TERM	✓	✓	✓		
BX-P-SER4-TERM	✓	✓	✓		
BX-P-USB-B	✓	✓	✓		
BX-P-ECOMLT	✓	✓	✓		

Circuit Protection					
	UL	cUL	CSA	CE	RoHS
Eaton					
FAZ Supplementary Protectors	✓		✓	✓	✓
FAZ-NA Miniature Circuit Breakers	✓		✓	✓	✓
Fuji Molded Case Circuit Breakers					
All	✓	✓		✓	
Gladiator Fusible Switches					
CFS Series	✓	✓		✓	
Edison Fuses					
ABC, AGC, ECNR, ECSR, EDCC, GMA, GMC, HCLR, HCTR, JDL, LENRK, LESRK, MCL, MDA, MDL, MEN, MEQ, S500, S506	✓		✓		
JHL, LCU	✓		✓		✓
MOL, TJN, TJS	✓		✓	✓	
Edison Fuse Holders					
CH Series		✓		✓	
EH Series	✓		✓	✓	✓
Edison Fuse Blocks					
R250, R600, J600, BM	✓		✓		
BMM, BCM, RM, JM, CVR Covers	✓	✓	✓	✓	✓
BC	✓		✓	✓	
T300, T600	✓		✓	✓	✓
HPB Series Power Distribution Blocks	✓		✓		
Comb-bus bars					
All	✓			✓	✓
Mersen Type 1 Surge Protectors					
STXR Series	✓		✓		
Socomec Disconnect Switches					
All switches	✓		✓	✓	
WEG Miniature Contactors					
All models	✓	✓		✓	

NOTE: For the latest information on agency approvals, check our Web site.
 - UL (Underwriters Laboratories, Inc.)
 - cUL (Canadian Underwriters Laboratories, Inc.)
 - CE (EMC Directive, LV Directive)
 - Class 1, Div 2 (Tested by Underwriters Laboratories, Inc., file no. E200031)

Agency Approvals

CLICK					
	UL	cUL	CE	CSA	Class 1 Div 2
CPUs					
CO-00DD1-D	✓	✓	✓		
CO-00DD2-D	✓	✓	✓		
CO-00DR-D	✓	✓	✓		
CO-00AR-D	✓	✓	✓		
CO-01DD1-D	✓	✓	✓		
CO-01DD2-D	✓	✓	✓		
CO-01DR-D	✓	✓	✓		
CO-01AR-D	✓	✓	✓		
CO-02DD1-D	✓	✓	✓		
CO-02DD2-D	✓	✓	✓		
CO-02DR-D	✓	✓	✓		
Power Supplies					
CO-00AC	✓	✓	✓		
CO-01AC	✓	✓	✓		
Discrete Input Modules					
CO-08ND3	✓	✓	✓		
CO-08ND3-1	✓	✓	✓		
CO-16ND3	✓	✓	✓		
CO-08NE3	✓	✓	✓		
CO-16NE3	✓	✓	✓		
CO-08NA	✓	✓	✓		
Discrete Output Modules					
CO-08TD1	✓	✓	✓		
CO-08TD2	✓	✓	✓		
CO-16TD1	✓	✓	✓		
CO-16TD2	✓	✓	✓		
CO-08TA	✓	✓	✓		
CO-04TRS	✓	✓	✓		
CO-08TR	✓	✓	✓		
Discrete Combo I/O Modules					
CO-16CDD1	✓	✓	✓		
CO-16CDD2	✓	✓	✓		
CO-0CDR	✓	✓	✓		
Analog Input Modules					
CO-04AD-1	✓	✓	✓		
CO-04AD-2	✓	✓	✓		
CO-04RTD	✓	✓	✓		
CO-04THM	✓	✓	✓		
Analog Combo I/O Modules					
CO-4AD2DA-1	✓	✓	✓		
CO-4AD2DA-2	✓	✓	✓		

Communications					
	UL	cUL	CE	CSA	Class 1 Div 2
Stride Ethernet Switches					
All models	✓	✓	✓		✓

* Hazardous Location approval by model

Control & Communications					
	UL	cUL	CE	CSA	Class 1 Div 2
Accessories					
FA-UNICON	✓	✓	✓		
F2-UNICON	✓	✓	✓		
FA-ISONET	✓	✓			
FA-REC3	✓	✓			
HA-TADP	✓	✓			
HA-FTADP	✓	✓			
FA-24PS-xx	✓	✓			✓
FA-4PWM					
FA-ISOCON	✓	✓	✓		✓
MB-GATEWAY	✓	✓	✓		✓
USB-485M			✓		

Current Sensors					
	UL	cUL	CSA	CE	RoHS
AcuAMP					
Current sensors, switches, transducers	✓			✓	

DC and AC Motors					
	UL	c/UL CSA	CE	RoHS	
IronHorse Motors					
Cast Iron (T, TC-Frames)			✓	✓	
DC (56C-frame)			✓	✓	✓
DC (small-frame)	✓		✓		✓
Rolled Steel			✓	✓	
Stainless Steel			✓		
IronHorse DC Gearmotors					
DC (small-frame)	✓		✓		✓
Marathon Motors					
All	✓		✓	✓	

DL05/DL06					
	UL	cUL	CE	CSA	Class 1 Div 2
Discrete Option Modules*					
DO-07CDR	✓	✓	✓		✓
DO-08CDD1	✓	✓	✓		✓
DO-08TR	✓	✓	✓		✓
DO-10ND3	✓	✓	✓		✓
DO-10ND3F					
DO-10TD1	✓	✓	✓		✓
DO-10TD2	✓	✓	✓		✓
DO-16ND3	✓	✓	✓		✓
DO-16TD1	✓	✓	✓		✓
DO-16TD2	✓	✓	✓		✓
FO-04TRS					
FO-08NA-1	✓	✓	✓		✓
Analog Option Modules					
FO-04AD-1	✓	✓	✓		✓
FO-2AD2DA-2	✓	✓	✓		✓
FO-4AD2DA-1	✓	✓	✓		✓
FO-4AD2DA-2	✓	✓	✓		✓

DL05/DL06 approvals continued in next column.

DL05/DL06 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
FO-08ADH-1	✓	✓			✓
FO-08ADH-2	✓	✓			✓
FO-08DAH-1	✓	✓			✓
FO-08DAH-2	✓	✓			✓
FO-04DAH-1	✓	✓			✓
FO-04DAH-2	✓	✓			✓
FO-04AD-2	✓	✓	✓		✓
FO-04THM	✓	✓	✓		✓
FO-04RTD	✓	✓	✓		✓
Communication Modules					
DO-DEVNETS					
HO-ECOM	✓	✓	✓		✓
DO-DCM					
HO-ECOM100	✓	✓	✓		
HO-PSCM	✓	✓	✓		✓
Specialty Modules					
HO-CTRIO	✓	✓	✓		✓
HO-CTRIO2	✓	✓	✓		
FO-CP128	✓	✓			✓
FO-08SIM	✓	✓			✓

*The DL05/06 discrete option modules are generic CE compliant only, not 61131-2 as the modules do not have LED indicators.

DL05					
	UL	cUL	CE	CSA	Class 1 Div 2
PLCs					
DO-05AA	✓	✓	✓		
DO-05AD	✓	✓	✓		
DO-05AR	✓	✓	✓		
DO-05DA	✓	✓	✓		
DO-05DD	✓	✓	✓		
DO-05DR	✓	✓	✓		
DO-05DD-D	✓	✓	✓		
DO-05DR-D	✓	✓	✓		
05-Only Option Module					
DO-01MC	✓	✓	✓		

DL06					
	UL	cUL	CE	CSA	Class 1 Div 2 Zone 2
DO-06AA	✓	✓	✓		✓
DO-06AR	✓	✓	✓		✓
DO-06DA	✓	✓	✓		✓
DO-06DD1	✓	✓	✓		✓
DO-06DD2	✓	✓	✓		✓
DO-06DR	✓	✓	✓		✓
DO-06DD1-D	✓	✓	✓		✓
DO-06DD2-D	✓	✓	✓		✓
DO-06DR-D	✓	✓	✓		✓
DL06-Only Module					
DO-06LCD			✓		

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Agency Approvals

DL105					
	UL	cUL	CE	CSA	Class 1 Div 2
Micro PLCs					
F1-130AA	✓	✓			
F1-130AD	✓	✓			
F1-130AR	✓	✓			
F1-130DA	✓	✓			
F1-130DD	✓	✓			
F1-130DR	✓	✓			
F1-130DD-D	✓	✓			
F1-130DR-D	✓	✓			
F1-DVNET-AR	✓	✓			
F1-DVNET-DD	✓	✓			
F1-DVNET-DR	✓	✓			

DL205					
	UL	cUL	CE	CSA	Class 1 Div 2 Zone 2
CPUs					
D2-230	✓	✓	✓		✓
D2-240	✓	✓	✓		✓
D2-250	✓	✓	✓		✓
D2-250-1	✓	✓	✓		✓
D2-260	✓	✓	✓		✓
H2-WPLC3-EN	✓	✓			✓
I/O Bases					
D2-03BDC-1	✓	✓	✓		✓
D2-03BDC1-1	✓	✓	✓		✓
D2-03B-1	✓	✓	✓		✓
D2-03BDC-2	✓	✓	✓		✓
D2-04B-1	✓	✓	✓		✓
D2-04BDC-1	✓	✓	✓		✓
D2-04BDC1-1	✓	✓	✓		✓
D2-04BDC-2	✓	✓	✓		✓
D2-06B-1	✓	✓	✓		✓
D2-06BDC-1	✓	✓	✓		✓
D2-06BDC1-1	✓	✓	✓		✓
D2-06BDC-2	✓	✓	✓		✓
D2-06BDC2-1	✓	✓	✓		✓
D2-09B-1	✓	✓	✓		✓
D2-09BDC-1	✓	✓	✓		✓
D2-09BDC1-1	✓	✓	✓		✓
D2-09BDC-2	✓	✓	✓		✓
D2-09BDC2-1	✓	✓	✓		✓
DC Input Modules					
D2-08ND3	✓	✓	✓		✓
D2-16ND3-2	✓	✓	✓		✓
D2-32ND3-2	✓	✓	✓		✓
D2-32ND3	✓	✓	✓		✓
DC Output Modules					
D2-04TD1	✓	✓	✓		✓
D2-08TD1	✓	✓	✓		✓
D2-08TD2	✓	✓	✓		✓

DL205 approvals continued in next column.

DL205 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2 Zone 2
D2-16TD1-1	✓	✓	✓		✓
D2-16TD2-2	✓	✓	✓		✓
F2-16TD1P	✓	✓			✓
F2-16TD2P	✓	✓			✓
D2-32TD1	✓	✓	✓		✓
D2-32TD2	✓	✓	✓		✓
AC Input Modules					
D2-08NA-1	✓	✓	✓		✓
D2-16NA	✓	✓	✓		✓
D2-08NA-2	✓	✓	✓		✓
AC Output Modules					
D2-08NA-1	✓	✓	✓		✓
D2-16NA	✓	✓	✓		✓
D2-08NA-2	✓	✓	✓		✓
Relay Output Modules					
D2-04TRS	✓	✓	✓		✓
D2-08TR	✓	✓	✓		✓
D2-08TRS	✓	✓	✓		✓
D2-12TR	✓	✓	✓		✓
F2-08TRS	✓	✓	✓		
F2-08TR	✓	✓	✓		
Analog Modules					
F2-04AD-1	✓	✓	✓		✓
F2-04AD-2	✓	✓	✓		✓
F2-02DA-1	✓	✓	✓		✓
F2-02DA-2	✓	✓	✓		✓
F2-02DA-1L	✓	✓	✓		✓
F2-02DL-2L	✓	✓	✓		✓
F2-02DAS-1	✓	✓	✓		✓
F2-02DAS-2					
F2-4AD2DA	✓	✓	✓		✓
F2-8AD4DA-1	✓	✓			✓
F2-8AD4DA-2	✓	✓			✓
F2-08DA-1	✓	✓	✓		✓
F2-08AD-1	✓	✓	✓		✓
F2-08AD-2	✓	✓	✓		✓
F2-08DA-2	✓	✓	✓		✓
F2-04AD-1L	✓	✓	✓		✓
F2-04AD-2L	✓	✓	✓		✓
F2-04RTD	✓	✓	✓		✓
F2-04THM	✓	✓	✓		✓
Remote I/O					
D2-RMSM	✓	✓	✓		✓
D2-RSSS	✓	✓	✓		✓
F2-SDS-1	✓	✓	✓		✓
F2-DEVNETS	✓	✓	✓		✓
D2-CM	✓	✓	✓		✓
D2-EM	✓	✓	✓		✓
H2-ERM	✓	✓	✓		✓
H2-ERM100	✓	✓	✓		✓
H2-ERM-F	✓	✓	✓		✓

DL205 approvals continued in next column.

DL205 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2 Zone 2
Combination Modules					
D2-08CDR	✓	✓	✓		✓
Communications and Networking					
D2-DCM	✓	✓	✓		✓
H2-ECOM	✓	✓	✓		✓
H2-ECOM100	✓	✓			✓
H2-EBC	✓	✓	✓		✓
H2-EBC100	✓	✓	✓		✓
H2-ECOM-F	✓	✓			✓
H2-EBC-F	✓	✓			✓
H2-SERIO	✓	✓	✓		✓
H2-SERIO-4	✓	✓			
F2-DEVNETS-1	✓	✓	✓		✓
H2-PBC	✓	✓	✓		✓
Specialty Modules					
D2-CTRINT	✓	✓	✓		✓
F2-CP128	✓	✓	✓		✓
F2-08SIM	✓	✓	✓		
H2-CTRIO	✓	✓	✓		✓
H2-CTRIO2	✓	✓	✓		
Programming					
D2-HPP	✓	✓	✓		✓

DL305					
	UL	cUL	CE	CSA	Class 1 Div 2
CPUs					
D3-330	✓	✓			✓
D3-330P	✓	✓			✓
D3-340	✓	✓			✓
D3-350	✓	✓			✓
Specialty CPUs					
F3-0MUX-1	✓	✓			
F3-0MUX-2	✓	✓			
F3-0MUX-3	✓	✓			
F3-PMUX-1	✓	✓			
F3-RTU-1	✓	✓			✓
Bases and Cables					
D3-05B-1	✓	✓			
D3-05BDC	✓	✓			
D3-08B-1	✓	✓			
D3-10B-1	✓	✓			
D3-10BDC	✓	✓			
D3-05B-NR	✓	✓			✓
D3-05BDC-NR	✓	✓			✓
D3-08B-NR	✓	✓			✓
D3-10B-NR	✓	✓			✓
D3-10BDC-NR	✓	✓			✓
DC Input Modules					
D3-08ND2	✓	✓			✓
D3-16ND2-1	✓	✓			✓
D3-16ND2-2	✓	✓			✓

DL305 approvals continued in next column.

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Agency Approvals

DL305 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
D3-16ND2F	✓	✓			✓
F3-16ND3F	✓	✓			
AC Input Modules					
D3-08NA-1	✓	✓			✓
D3-08NA-2	✓	✓			✓
D3-16NA	✓	✓			✓
AC/DC Input Modules					
D3-08NE3	✓	✓			✓
D3-16NE3	✓	✓			✓
DC Output Modules					
D3-04TD1					
D3-08TD1	✓	✓			✓
D3-08TD2	✓	✓			✓
D3-16TD1-1	✓	✓			✓
D3-16TD1-2	✓	✓			✓
D3-16TD2	✓	✓			✓
AC Output Modules					
D3-04TAS	✓	✓			✓
D3-08TA-1	✓	✓			✓
D3-08TA-2	✓	✓			✓
F3-08TAS					
F3-08TAS-1	✓	✓			✓
F3-16TA-1					
F3-16TA-2	✓	✓			✓
D3-16TA-2	✓	✓			✓
Relay Output Modules					
D3-08TR	✓	✓			
F3-08TRS-1					
F3-08TRS-2	✓	✓			
F3-08TRS-5	✓	✓			✓
D3-16TR	✓	✓			
Analog Modules					
D3-04AD	✓	✓			✓
F3-04ADS	✓	✓			
F3-08AD	✓	✓			✓
F3-08TEMP	✓	✓			
F3-08THM-n	✓	✓			✓
F3-16AD	✓	✓			✓
D3-02DA	✓	✓			✓
F3-04DA-1	✓	✓			✓
F3-04DAS	✓	✓			
F3-08AD-1	✓	✓			✓
Communications and Networking					
D3-232-DCU	✓	✓			
D3-422-DCU	✓	✓			
D3-DCM	✓	✓			✓
ASCII BASIC Modules					
F3-AB128	✓	✓			✓
F3-AB128-R	✓	✓			
F3-AB128-T	✓	✓			✓
Specialty Modules					
D3-08SIM	✓	✓			
D3-HSC	✓	✓			✓
D3-PWU	✓	✓			
D3-TCSU					
Programming					
D3-HP	✓	✓			
D3-HPP	✓	✓			

DL405					
	UL	cUL	CE	CSA	Class 1 Div 2
CPUs					
D4-430	✓	✓			
D4-440	✓	✓			
D4-440DC-1	✓	✓			
D4-440DC-2	✓	✓			
D4-450	✓	✓			
D4-454	✓	✓			
D4-450DC-1	✓	✓			
D4-454DC-1	✓	✓			
D4-450DC-2	✓	✓			
D4-470-xx	✓	✓			
Expansion Units and Cables					
D4-EX	✓	✓			
D4-EXDC	✓	✓			
D4-EXCBL-1	✓	✓			
D4-EXCBL-2	✓	✓			
I/O Bases					
D4-04B-1	✓	✓			
D4-06B-1	✓	✓			
D4-08B-1	✓	✓			
DC Input Modules					
D4-08ND3S	✓	✓			
D4-16ND2	✓	✓			
D4-16ND2F	✓	✓			
D4-32ND3-1	✓	✓			
D4-32ND3-2	✓	✓			
D4-64ND2	✓	✓			
AC Input Modules					
D4-08NA	✓	✓			
D4-16NA	✓	✓			
D4-16NA-1	✓	✓			
AC/DC Input Modules					
D4-16NE3	✓	✓			
F4-08NE3S					
AC Output Modules					
D4-08TA	✓	✓			
D4-16TA	✓	✓			
DC Output Modules					
D4-08TD1	✓	✓			
F4-08TD1S					
D4-16TD1	✓	✓			
D4-16TD2	✓	✓			
D4-32TD1	✓	✓			
D4-32TD1-1					
D4-32TD2	✓	✓			
D4-64TD1	✓	✓			
Relay Output Modules					
D4-08TR	✓	✓			
F4-08TRS-1	✓	✓			
F4-08TRS-2	✓	✓			
<i>DL405 approvals continued in next column.</i>					

DL405 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
D4-16TR	✓	✓			
Analog Modules					
D4-04AD	✓	✓			
F4-04AD	✓	✓			
F4-04ADS	✓	✓			
F4-08AD	✓	✓			
F4-16AD-1					
F4-16AD-2					
D4-02DA	✓	✓			
F4-04DA	✓	✓			
F4-04DAS-1	✓	✓			
F4-04DAS-2					
F4-08THM	✓	✓			
F4-08THM-n	✓	✓			
F4-08RTD	✓	✓			
F4-04DA-1	✓	✓			
F4-04DA-2	✓	✓			
F4-08DA-1	✓	✓			
F4-08DA-2	✓	✓			
F4-16DA-1	✓	✓			
F4-16DA-2	✓	✓			
Remote I/O					
D4-RM	✓	✓			
D4-RS	✓	✓			
D4-RSDC	✓	✓			
D4-SM	✓	✓			
D4-SS-88	✓	✓			
D4-SS-106	✓	✓			
D4-SS-16T	✓	✓			
D4-SS-16N	✓	✓			
F4-SDS	✓	✓			
H4-ERM	✓	✓			
H4-ERM100	✓	✓			
H4-ERM-F	✓	✓			
Communications and Networking					
D4-DCM	✓	✓			
F4-MAS-MB	✓	✓			
F4-SLV-MB	✓	✓			
F4-SLV-TW	✓	✓			
F4-SDN	✓	✓			
H4-ECOM	✓	✓			
H4-ECOM100					
H4-EBC	✓	✓			
H4-ECOM-F	✓	✓			
H4-EBC-F	✓	✓			
CoProcessors™					
F4-CP128-1	✓	✓			
F4-CP512	✓	✓			
F4-CP512-1	✓	✓			
F4-CP128-R	✓	✓			
<i>DL405 approvals continued in next column.</i>					

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Agency Approvals

DL405 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
F4-CP128-T	✓	✓			
Specialty Modules					
D4-INT	✓	✓			
D4-HSC	✓	✓			
F4-16PID	✓	✓			
F4-8MPI	✓	✓			
D4-16SIM	✓	✓			
F4-4LTC	✓	✓			
H4-CTRIO	✓	✓			
Programming					
D4-HPP-1	✓	✓			

Do-more					
	UL	cUL	CE	CSA	Class 1 Div 2 Zone 2
CPUs					
H2-DM1	✓	✓	✓		✓
H2-DM1E	✓	✓	✓		✓
T1H-DM1	✓	✓	✓		✓
T1H-DM1E	✓	✓	✓		✓

Electrical Safety Components					
	UL	TUV	CSA	CE	RoHS
Comapi Safety Devices					
Safety Limit Switches	✓		✓	✓	✓
Contrinex Safety Devices					
Safety Light Curtains	✓	✓		✓	
Datalogic Safety Devices					
Safety Light Curtains	✓	✓		✓	
Dold					
Safety Relays		✓		✓	✓
Trapped Key				✓	

Enclosures					
	UL	TUV	CSA	CE	RoHS
Hubbell-Wiegmann	✓		✓		✓
Integra	✓			✓	✓

Encoders					
	UL	cUL	CSA	CE	RoHS
Koyo Encoders					
TRD Series	✓	✓	✓	✓	
TRDA Series	✓	✓	✓	✓	

Float Level Sensors						
	cUL	UR	CSA	CSA	CE	RoHS
ProSense Float Level Switches						
FLS-VM-100						
FLS-VM-200						
FLS-VM-300						
FLS-VM-400						
FLS-VL-010						
FLS-VL-020						
FLS-VL-030	✓		✓		✓	
FLS-VL-100						
FLS-VL-200						
FLS-VL-300						
FLS-HS-100						
FLS-HS-200						
FLS-HM-100						
FLS-BM-300						
FLS-HM-300						
FLS-HL-200	✓				✓	
FLS-VM-500						
FLS-VS-100						
FLS-VS-200						
FLS-VM-600						
FLS-VL-500						
FLS-VL-600						
FLS-BM-100						✓
FLS-BM-200						
FLS-HL-010						
FLS-BL-100						
FLS-HS-300						
FLS-VL-900						
FLS-VL-040			✓		✓	
FLS-VL-400		✓		✓	✓	
FLS-HM-200	✓	✓		✓	✓	
FLS-VK-100						
FLS-VK-200	✓					
FLS-VK-300						

Flow Sensors					
	UL	cUL	CSA	CE	RoHS
ProSense Flow Switches					
All models	✓	✓		✓	✓
ProSense Flow Transmitters					
All models	✓	✓		✓	✓
ProSense Magnetic-Inductive Flow Meters					
All models	✓	✓		✓	✓

Level Sensors/Controllers					
	UL	CSA	CE	RoHS	Class 1 Div 2
Flowline Ultrasonic Level Sensors					
LU20-5001-IS			✓	✓	✓
LU10-1305			✓		✓
LU10-1405			✓		✓
Flowline Switch-Pro Remote™ Level Controllers					
LC40-1001		✓	✓		
LC41-1001		✓	✓		
LC42-1001		✓	✓		

Location Controls				
	UL	CSA	Class 1 Div 2	Class III
Killark Hazardous Location Controls				
All models	✓	✓	✓	✓

Motion Control				
	UL	c/UL	CE	RoHS
Steppers				
Stepper Drive			✓	✓
Stepper Motor			✓	✓
Stepper Power Supply	✓	✓	✓	
Stepper Regen Clamp				✓
SureServo				
Drives (SVA-xxxx)	✓	✓	✓	
Motors (SVL-xxxx and SVM-xxxx)	✓	✓	✓	

Motor Controls					
	UL	cUL	CSA	CE	Class 1 Div 2
Fuji					
Motor Controls	✓	✓		✓	
Manual Motor Starters	✓	✓		✓	
Bryant Manual Motor Controllers					
All models	✓		✓		

Enclosures/Climate Control					
	UL	cUL	CSA	CE	RoHS
STEGO Thermal Management					
Controllers	✓	✓		✓	✓
Filter Fans	✓	✓		✓	✓
Heaters	✓	✓		✓	✓
Stratus Enclosure Cooling					
Air Conditioners	✓				
Heat Exchangers	✓				

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Agency Approvals

Operator Panels					
	UL	cUL	CE	CSA	Class 1 Div 2
DirectLogic					
DV1000	✓	✓	✓		
DirectTouch					
DP-M320, 321	✓	✓	✓		
DP-C320, 321	✓	✓	✓		
Optimate Panels					
All	✓	✓	✓		
Atlas Industrial Monitors					
All	✓	✓	✓		✓
C-more EA7 Series Panels					
EA7-S6M-R	✓	✓	✓		
EA7-S6M	✓	✓	✓		
EA7-S6C-R	✓	✓	✓		
EA7-S6C	✓	✓	✓		
EA7-T6C	✓	✓	✓		
EA7-T6CL	✓	✓	✓		
EA7-T6CL-R	✓	✓	✓		
EA7-T8C	✓	✓	✓		
EA7-T10C	✓	✓	✓		
EA7-T12C	✓	✓	✓		
EA7-T15C	✓	✓	✓		
C-more EA9 Series Panels					
EA9-T6CL	✓	✓	✓		
EA9-T6CL-R	✓	✓	✓		
EA9-T7CL	✓	✓	✓		
EA9-T7CL-R	✓	✓	✓		
EA9-T8CL	✓	✓	✓		
EA9-T10CL	✓	✓	✓		
EA9-T12CL	✓	✓	✓		
EA9-T15CL	✓	✓	✓		
C-more Micro Panels					
EA1-S3ML-N	✓	✓	✓		
EA1-S3ML	✓	✓	✓		
EA1-S3MLW	✓	✓	✓		
EA1-S3MLW-N	✓	✓	✓		
EA-MG-BZ1	✓	✓	✓		
EA-MG-BZ2	✓	✓	✓		
EA1-T4CL	✓	✓	✓		
EA1-S6ML	✓	✓	✓		
EA1-S6MLW	✓	✓	✓		
EA1-T6CL	✓	✓	✓		
EA3-S3ML	✓	✓	✓		
EA3-T4CL	✓	✓	✓		
EA3-T6CL	✓	✓	✓		
EA3-T8CL	✓	✓	✓		
EA3-T10CL	✓	✓	✓		
EA-ECOM	✓	✓	✓		
EA-MG6-BZ2	✓	✓	✓		
EA-MG6-BZ2P	✓	✓	✓		
EA-MG-P1	✓	✓	✓		
EA-MG-SP1	✓	✓	✓		

Operator Panels approvals continued in next column.

Operator Panels (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
ViewMarq LED Displays					
MD4-0112T	✓	✓	✓		
MD4-0124T	✓	✓	✓		
MD4-0212T	✓	✓	✓		
MD4-0224T	✓	✓	✓		
MD4-0412T	✓	✓	✓		
MD4-0424T	✓	✓	✓		

Photoelectric Sensors					
	UL	cUL	CSA	CE	RoHS
Wenglor					
OPT Series	✓	✓		✓	✓

Pilot Devices					
	UL	cUL	CSA	CE	RoHS
Eaton Pushbuttons					
All models	✓		✓	✓	
IDEM Safety Switches					
E-Stop Control Stations	✓	✓			✓
Non-contact Models	✓	✓			✓
Interlock Models	✓	✓			✓
Patlite Stacklights					
All models		✓		✓	✓
Schmersal					
Pushbuttons	✓	✓		✓	
Selector Switches	✓	✓		✓	
Contact Blocks	✓	✓			
WERMA Signaltechnik					
All beacons and stacklights	✓	✓		✓	✓
22.5 mm audible signal devices	✓	✓		✓	✓
All other audible signal devices				✓	✓

Pneumatics					
	UL	cUL	CSA	CE	RoHS
Nitra Valves					
ASD models				✓	
AVP & AVS models				✓	
DVD, DVM & DVP mdels				✓	
Nitra Cylinder Switches					
CPS, CPSF	✓	✓		✓	
CPS9C, CPS9D, CPS9F, CPS9H, CPS9M, CPS9Q, CPS9T				✓	
Nitra Total Air Prep					
Tap Models				✓	

Process Control/Conditioning					
	UL	cUL	CE	RoHS	Class 1 Div 2
FC Signal Conditioners					
FC-11, FC-33, FC-R1, FC-R1	✓	✓	✓		✓
FC-ISO-C, FC-ISO-D, FC-P3, FC-35B, FC-B34	✓	✓	✓	✓	
SOLO Temperature Controllers					
All models	✓	✓	✓		
ProSense Digital Panel Meters					
All models			✓		
Universal Signal Conditioners					
884114, 884116	✓	✓	✓	✓	

Productivity 2000/3000*					
	UL	cUL	CE	CSA	Class 1 Div 2
P2 Bases, CPU, and I/O modules	✓	✓	✓		
P3 Bases, CPU, P3-EX, P3-RS, P3-RX and I/O modules	✓	✓	✓	✓	

*The P3-16TD3P, P3-HSI, P3-HSO and P3-SCM modules are not UL1604 E200031 recognized.

Protos X I/O					
	UL	cUL	CE	CSA	RoHS
Bus Couplers					
PX-MOD	✓	✓	✓		✓
PX-TCP1	✓	✓	✓		✓
PX-TCP2	✓	✓	✓		✓
Discrete I/O Terminals					
PX-144	✓	✓	✓		✓
PX-148	✓	✓	✓		✓
PX-149	✓	✓	✓		✓
PX-172-1	✓	✓	✓		✓
PX-172-2	✓	✓	✓		✓
PX-244-1	✓	✓	✓		✓
PX-244-2	✓	✓	✓		✓
PX-248	✓	✓	✓		✓
PX-249	✓	✓	✓		✓
PX-272-1	✓	✓	✓		✓
PX-272-2	✓	✓	✓		✓
PX-549	✓	✓	✓		✓
Analog I/O Terminals					
PX-302	✓	✓	✓		✓
PX-304	✓	✓	✓		✓
PX-308	✓	✓	✓		✓

Protos X I/O approvals continued in next column.

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Agency Approvals

Protos X I/O (continued)					
	UL	cUL	CE	CSA	RoHS
PX-312	✓	✓	✓		✓
PX-314	✓	✓	✓		✓
PX-318	✓	✓	✓		✓
PX-322-1	✓	✓	✓		✓
PX-324-1	✓	✓	✓		✓
PX-332-J	✓	✓	✓		✓
PX-332-K	✓	✓	✓		✓
PX-334-J	✓	✓	✓		✓
PX-334-K	✓	✓	✓		✓
PX-402	✓	✓	✓		✓
PX-404	✓	✓	✓		✓
PX-408	✓	✓	✓		✓
PX-412	✓	✓	✓		✓
PX-414	✓	✓	✓		✓
PX-418	✓	✓	✓		✓
Bus End/Expansion Terminals					
PX-901	✓	✓	✓		✓
PX-902	✓	✓	✓		✓
PX-903			✓		✓
Power Terminals					
PX-940	✓	✓	✓		✓
PX-970	✓	✓	✓		✓
PX-949	✓	✓	✓		✓

Proximity Sensors					
	UL	cUL	CSA	CE	RoHS
Koyo Proximity Switches					
APS Series	✓			✓	
Micro Detectors Ultrasonic Sensors					
UK/UT Series	✓	✓		✓	✓

Relays/Timers					
	UL	cUL	CSA	CE	Class 1 Div 2
Fuji					
Timers, Card Relays	✓	✓		✓	

Soft Starters					
	UL	cUL	CSA	CE	RoHS
Stellar Soft Starters					
SR22 series	✓			✓	✓
SR33-22 to -280	✓			✓	✓
SR33-350 to -482				✓	✓
SR44 series	✓			✓	✓
SR55-017 to -361	✓			✓	✓
SR55-414 to -477				✓	✓

Temperature Sensors/Gauges					
	UL	cUL	CSA	CE	RoHS
ProSense Pressure/Temp Transmitters					
PSD25, PTD25, SPTD25, EPS, QPS, series	✓	✓		✓	
SPT25, DPTA series				✓	
XTD, XTH, XTP & ETS Series	✓	✓		✓	✓
MPS25-1C-xxA	✓			✓	✓
MPS25-1C-xxD				✓	✓

Terminal Blocks					
	UL	cUL	CSA	CE	RoHS
Konnect-It Terminal Blocks					
All models	✓		✓	✓	
Z&F Crimps					
Single and twin insulated wire ferrules	✓		✓	✓	✓
Ring terminals, fork terminals, butt connectors, pin terminals					✓
Disconnect terminals					✓

Terminator I/O					
	UL	cUL	CE	CSA	Class 1 Div 2
Power Supplies and Bases					
T1K-01AC	✓	✓			✓
T1K-01DC	✓	✓			✓
T1K-08B	✓	✓			✓
T1K-16B	✓	✓			✓
T1K-08B-1	✓	✓			✓
T1K-16B-1	✓	✓			✓
Discrete Input Modules					
T1K-08ND3	✓	✓			✓
T1K-16ND3	✓	✓			✓
T1K-08NA-1	✓	✓			✓
T1K-16NA-1	✓	✓			✓
Discrete Output Modules					
T1H-08TDS	✓	✓			
T1K-08TD1	✓	✓			✓
T1K-16TD1	✓	✓			✓
T1K-16TD2	✓	✓			✓
T1K-16TD2-1	✓	✓			✓
T1K-08TA	✓	✓			✓
T1K-08TAS	✓	✓			✓
T1K-16TA	✓	✓			✓
T1K-16TR	✓	✓			✓
T1K-08TR	✓	✓			✓
<i>Terminator I/O approvals continued in next column.</i>					

Terminator I/O (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
T1K-08TRS	✓	✓			✓
T1K-08TD2-1	✓	✓			✓
Analog Modules					
T1F-08AD-1	✓	✓			✓
T1F-08AD-2	✓	✓			✓
T1F-08DA-1	✓	✓			✓
T1F-08DA-2	✓	✓			✓
T1F-16AD-1	✓	✓			✓
T1F-16AD-2	✓	✓			✓
T1F-16DA-1	✓	✓			✓
T1F-16DA-2	✓	✓			✓
T1F-14THM	✓	✓			✓
T1F-16TMST	✓	✓			✓
T1F-16RTD	✓	✓			✓
Combination Analog Modules					
T1F-08AD4DA-1	✓	✓			✓
T1F-08AD4DA-2	✓	✓			✓
Network Interface Modules					
T1H-EBC	✓	✓			✓
T1H-EBC100	✓	✓			✓
T1H-PBC	✓	✓			✓
T1K-DEVNETS	✓	✓			✓
T1K-MODBUS	✓	✓			✓
T1K-RSSS	✓	✓			✓
Specialty Modules					
T1H-CTRIO	✓	✓			✓

Tools and Test Equipment					
	UL	cUL	CSA	CE	RoHS
Shimpo Tachometers & Stroboscopes					
DT-105A, DT-107A, DT-205LR, DT-207LR, DT-311A, DT-315A, DT-326, ST-1000				✓	

Transformers and Filters					
	UL	cUL	CSA	CE	RoHS
Acme Transformers					
Encapsulated 3-ph	✓	✓	✓		✓
AcuAmp Current Transformers					
All Models	✓	✓		✓	✓
Hammond Transformers					
Control	✓	✓		✓	
Encapsulated	✓	✓		✓	
Jefferson Electric Buck-Boost Transformers					
All Models	✓	✓	✓		✓
Roxburgh EMI Mains Filters					
All models except DRF series are UL/cUL	✓	✓		✓	

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Agency Approvals

Water Components					
	UL*	CSA	CE	NSF-51	NSF-61
GC Valves					
Valves	✓	✓	✓		✓
HydroMode					
Push-to-Connect Water Fittings				✓	✓
PE Tubing					✓
PVC Hose					✓
* recognized					

Wiring Solutions					
	UL	cUL	CSA	CE	RoHS
BM Cable Ties					
All models	✓				
Bimed Cable Glands					
Plastic	✓	✓	✓	✓	
Brass	✓	✓		✓	
Bryant Wiring Devices					
Plugs, Connectors, Receptacles, Cover Plates	✓		✓		
Electri-Flex (Iquatite) Conduits					
LA, ATLA		✓	✓	✓	✓
SLA		✓			✓
NM		✓	✓		✓
RACO Liquid-tight Connectors					
All models	✓	✓		✓	✓
	UL	cUL	CSA	CE	Class 1 Div 2
Wire & Cable					
Data	✓				
PLTC	✓				✓
Multi-Conductor Control Cable	✓		✓		
Flexible Portable Cord - Type SOOW, SJOOW, SEOOW & SJE00W	✓		✓		✓
Flexible Portable Cord - Type W	✓		✓		✓

ZIPLinks					
FACTS models	✓	✓		✓	
Non-FACTS models	✓	✓		✓	
ZIPport					
Mini Cordsets	✓	✓			
Mini Patch Cables	✓	✓			
Field Wireable Connectors	✓	✓			
Mini Bulkhead Connectors	✓	✓			
Mini Cordsets	✓	✓			

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