

# UL/CUL/CSA Certification Numbers

UL/CUL/CSA Certification Numbers <sup>1</sup>			
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, E157382	–	–
ASO Safety Relays, Mats	E329422	–	–
ASO Safety Contact Edges	E341185	–	–
Atlas Industrial Monitors	E200031, E157382	–	–
Bimed Cable Glands (Plastic)	E199260	190896	–
Bimed Cable Glands (Brass)	E199260	–	–
BM Cable Ties <sup>4</sup>	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 Discrete I/O Expansion Modules	E185989	–	–
BRX Analog I/O Expansion Modules	E139594	–	–
BRX PLC	E185989	–	–
C-more EA7 Series Panels	E157382	234884	–
C-more EA9 Series Panels	E157382	–	–
C-more Micro EA1 Series Panels	E157382	234884	–

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Name	UL/cUL	CSA	ISO-9000
C-more Micro EA3 Series Panels	E157382	–	–
C-more Micro EA-ECOM	E157382	–	–
Cirronet RF Modems	E235438	–	–
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	–	–
Dold Force Guided Relays	E146415	–	–
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 (Iiquatite) 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	E148114	–	–
Ethernet Patch Cable Connector	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, 703167	–
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	–

Certification numbers continued on next page.

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Name	UL/cUL	CSA	ISO-9000
TL800 = CMC PV3-600	E26130	030117_C_00 703168	–
AC3= Socomec 39990701	E191127	703166	–
AC4= Socomec 39990702	E191127	703166	–
Flexing Control Cable	E310776	–	–
Flexible Cord, Types SJE00W/SE00W	E46194	224650	–
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 Inch/Inch Hinge Safety Switches	E258676	–	–
IDEM Solenoid Interlock Safety Switches	E258676	–	–
IDEM Safety Limit Switches	E258676	–	–
IDEM Safety Relays	E258676	–	–
IDEM Non-Contact Safety Switches	E300466	–	–
ifrm IP69K-rated M8 Sensor Cables	E191687	–	–
I-Flex Flexible Liquid-Tight Tubing (NMPT)	E311916	–	–
Integra Polycarbonate Enclosures	E207562, E229365	–	–
IronHorse DC Drives <sup>9</sup>	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	–

UL/CUL/CSA Certification Numbers <sup>1</sup>			
Name	UL/cUL	CSA	ISO-9000
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	E46035 E49747	236833 LR37479 LR002025	–
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, VFD Cable	E75755	90458	–
Murr Field Wireable Connectors T-Couplers	E224242 E325311	–	–
Nitra Cylinder Switches <sup>8</sup>	E328811	–	–
Non-Fused Disconnects	E226699	–	–
Optimate Panels	E182843	–	–
Patlite Stacklights	E215660	–	–
Productivity1000 CPU and I/O	E139594	–	–
Productivity2000 CPU and I/O	E139594	–	–
Productivity3000 CPU and I/O <sup>5</sup>	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) <sup>2</sup>	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) <sup>3</sup>	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	1456072	–
SapiSelco Cable Ties	E160935	–	–
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	–	–

*Certification numbers continued on next page.*

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Name	UL/cUL	CSA	ISO-9000
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	–	–
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	–
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	–	–	–
Stratus Air Conditioners	SA33404	–	–
Stratus Heat Exchangers	SA34086	–	–
STRIDE Communications Gateways	E200031	–	–
STRIDE Ethernet Switches	E200031, E157382	–	–
StrideLinx VPN Routers	E495151	–	–
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	–	–
WWE Definite Purpose Contactors	E330834	266851	–
ZipLinks: FACTS Communication Adapters and all Cables <sup>6</sup>	E200031, E139594	–	–
ZipLinks: FACTS Relay Modules	E157382	–	–
ZipLinks: FACTS Replacement Relays	E141060	–	–
ZipLinks: Non-FACTS Cables <sup>7</sup>	E179771	80671	–
ZipLinks: Non-FACTS Connectors <sup>7</sup>	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

## Footnotes

<sup>1</sup>For the latest agency approvals information please see our Website:

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

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

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

<sup>4</sup>Except 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.

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

<sup>6</sup>The 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.

<sup>7</sup>The 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.

<sup>8</sup>Only CPS and CPSE, all others No UL

<sup>9</sup>Not 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
<b>GS and DuraPulse</b>				
Drives	✓	✓	✓	✓
GS-EDRV				
GS-EDRV100	✓	✓		
* GS2-5xxx series 575V AC drives are not CE compliant.				
<b>Line Reactors</b>				
GS Series	✓	✓	✓	
LR Series	✓	✓	✓	✓
<b>Hitachi</b>				
L100 Series	✓		✓	
SJ100 Series	✓		✓	
<b>IronHorse GSD DC Drives</b>				
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 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.					

BRX					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>MPUs</b>					
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	✓	✓	✓		
<b>MPUs</b>					
BX-DM1-18ER-D	✓	✓	✓		
BX-DM1E-18ED13	✓	✓	✓		
BX-DM1E-18ED23	✓	✓	✓		
BX-DM1E-18ER3	✓	✓	✓		
BX-DM1E-18AR3	✓	✓	✓		
BRX approvals continued in next column.					

BRX (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
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	✓	✓	✓		
<b>Remote I/O Controllers</b>					
BX-EBC100-M	✓	✓	✓		
BX-EBC100-M-D	✓	✓	✓		
BX-DMIO-M	✓	✓	✓		
BX-DMIO-M-D	✓	✓	✓		
BX-MBIO-M	✓	✓	✓		
BX-MBIO-M-D	✓	✓	✓		
<b>Discrete Expansion Modules</b>					
BX-08ND3	✓	✓	✓		
BX-12ND3	✓	✓	✓		
BX-16ND3	✓	✓	✓		
BX-32ND3	✓	✓	✓		
BX-08NF3	✓	✓	✓		
BX-08NA	✓	✓	✓		
BX-12NA	✓	✓	✓		
BX-16NA	✓	✓	✓		
BX-08NB	✓	✓	✓		
BX-12NB	✓	✓	✓		
BX-16NB	✓	✓	✓		
BX-08SIM	✓	✓	✓		
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-32TD1	✓	✓	✓		
BX-32TD2	✓	✓	✓		
BX-08CD3R	✓	✓	✓		
BX-12CD3D1	✓	✓	✓		
BX-12CD3D2	✓	✓	✓		
BX-16CD3D1	✓	✓	✓		
BX-16CD3D2	✓	✓	✓		
<b>Analog Expansion Modules</b>					
BX-04ADM-1	✓	✓	✓		
BRX approvals continued in next column.					

BRX (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
BX-04AD-1	✓	✓	✓		
BX-08AD-1	✓	✓	✓		
BX-04AD-2B	✓	✓	✓		
BX-08AD-2B	✓	✓	✓		
BX-04DA-1	✓	✓	✓		
BX-08DA-1	✓	✓	✓		
BX-04DA-2B	✓	✓	✓		
BX-08DA-2B	✓	✓	✓		
BX-08NTC	✓	✓	✓		
BX-04THM	✓	✓	✓		
BX-08THM	✓	✓	✓		
BX-06RTD	✓	✓	✓		
<b>POMs</b>					
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
<b>Eaton</b>					
FAZ Supplementary Protectors	✓		✓	✓	✓
FAZ-NA Miniature Circuit Breakers	✓		✓	✓	✓
<b>Fuji Molded Case Circuit Breakers</b>					
All	✓	✓		✓	
<b>Gladiator Fusible Switches</b>					
CFS Series	✓	✓		✓	
<b>Edison Fuses</b>					
ABC, AGC, ECNR, ECSR, EDCC, GMA, GMC, HCLR, HCTR, JDL, LENRK, LESRK, MCL, MDA, MDL, MEN, MEQ, S500, S506	✓		✓		
JHL, LCU	✓		✓		✓
MOL, TJN, TJS	✓		✓	✓	
<b>Edison Fuse Holders</b>					
CH Series		✓		✓	
EH Series	✓		✓	✓	✓
<b>Edison Fuse Blocks</b>					
R250, R600, J600, BM	✓		✓		
BMM, BCM, RM, JM, CVR Covers	✓	✓	✓	✓	✓
BC	✓		✓	✓	
T300, T600	✓		✓	✓	✓
HPB Series Power Distribution Blocks	✓			✓	
<b>Comb-bus bars</b>					
All	✓			✓	✓
<b>Mersen Type 1 Surge Protectors</b>					
STXR Series	✓		✓		
<b>Socomec Disconnect Switches</b>					
All switches	✓		✓	✓	
<b>WEG Miniature Contactors</b>					
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
<b>CPUs</b>					
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	✓	✓	✓		
<b>Power Supplies</b>					
CO-00AC	✓	✓	✓		
CO-01AC	✓	✓	✓		
<b>Discrete Input Modules</b>					
CO-08ND3	✓	✓	✓		
CO-08ND3-1	✓	✓	✓		
CO-16ND3	✓	✓	✓		
CO-08NE3	✓	✓	✓		
CO-16NE3	✓	✓	✓		
CO-08NA	✓	✓	✓		
<b>Discrete Output Modules</b>					
CO-08TD1	✓	✓	✓		
CO-08TD2	✓	✓	✓		
CO-16TD1	✓	✓	✓		
CO-16TD2	✓	✓	✓		
CO-08TA	✓	✓	✓		
CO-04TRS	✓	✓	✓		
CO-08TR	✓	✓	✓		
<b>Discrete Combo I/O Modules</b>					
CO-16CDD1	✓	✓	✓		
CO-16CDD2	✓	✓	✓		
CO-0CDR	✓	✓	✓		
<b>Analog Input Modules</b>					
CO-04AD-1	✓	✓	✓		
CO-04AD-2	✓	✓	✓		
CO-04RTD	✓	✓	✓		
CO-04THM	✓	✓	✓		
<b>Analog Combo I/O Modules</b>					
CO-4AD2DA-1	✓	✓	✓		
CO-4AD2DA-2	✓	✓	✓		

Communications					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>STRIDE Communications Gateways</b>					
All models	✓	✓	✓		✓
<b>STRIDE Ethernet Switches</b>					
All models	✓	✓	✓		✓
* Hazardous Location approval by model					
<b>STRIDE SiteLink VPN Routers</b>					
All models	✓	✓	✓		

Control & Communications					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>Accessories</b>					
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
<b>AcuAMP</b>					
Current sensors, switches, transducers	✓		✓		

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

DL05/DL06					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>Discrete Option Modules*</b>					
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	✓	✓	✓		✓
<b>Analog Option Modules</b>					
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	✓	✓	✓		✓
<b>Communication Modules</b>					
DO-DEVNETS					
HO-ECOM	✓	✓	✓		✓
DO-DCM					
HO-ECOM100	✓	✓	✓		
HO-PSCM	✓	✓	✓		✓
<b>Specialty Modules</b>					
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
<b>PLCs</b>					
DO-05AA	✓	✓	✓		
DO-05AD	✓	✓	✓		
DO-05AR	✓	✓	✓		
DO-05DA	✓	✓	✓		
DO-05DD	✓	✓	✓		
DO-05DR	✓	✓	✓		
DO-05DD-D	✓	✓	✓		
DO-05DR-D	✓	✓	✓		
<b>05-Only Option Module</b>					
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	✓	✓	✓		✓
<b>DL06-Only Module</b>					
DO-06LCD			✓		

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# Agency Approvals

DL105					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>Micro PLCs</b>					
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
<b>CPUs</b>					
D2-230	✓	✓	✓		✓
D2-240	✓	✓	✓		✓
D2-250	✓	✓	✓		✓
D2-250-1	✓	✓	✓		✓
D2-260	✓	✓	✓		✓
H2-WPLC3-EN	✓	✓			✓
<b>I/O Bases</b>					
D2-03BDC-1	✓	✓	✓		✓
D2-03BDC1-1	✓	✓	✓		✓
D2-03B-1	✓	✓	✓		✓
D2-03BDC-2	✓	✓	✓		✓
D2-04B-1	✓	✓	✓		✓
D2-04BDC-1	✓	✓	✓		✓
D2-04BDC1-1	✓	✓	✓		✓
D2-04DBC-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	✓	✓	✓		✓
<b>DC Input Modules</b>					
D2-08ND3	✓	✓	✓		✓
D2-16ND3-2	✓	✓	✓		✓
D2-32ND3-2	✓	✓	✓		✓
D2-32ND3	✓	✓	✓		✓
<b>DC Output Modules</b>					
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	✓	✓	✓		✓
<b>AC Input Modules</b>					
D2-08NA-1	✓	✓	✓		✓
D2-16NA	✓	✓	✓		✓
D2-08NA-2	✓	✓	✓		✓
<b>AC Output Modules</b>					
D2-08NA-1	✓	✓	✓		✓
D2-16NA	✓	✓	✓		✓
D2-08NA-2	✓	✓	✓		✓
<b>Relay Output Modules</b>					
D2-04TRS	✓	✓	✓		✓
D2-08TR	✓	✓	✓		✓
D2-08TRS	✓	✓	✓		✓
D2-12TR	✓	✓	✓		✓
F2-08TRS	✓	✓	✓		
F2-08TR	✓	✓	✓		
<b>Analog Modules</b>					
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	✓	✓	✓		✓
<b>Remote I/O</b>					
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
<b>Combination Modules</b>					
D2-08CDR	✓	✓	✓		✓
<b>Communications and Networking</b>					
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	✓	✓	✓		✓
<b>Specialty Modules</b>					
D2-CTRINT	✓	✓	✓		✓
F2-CP128	✓	✓	✓		✓
F2-08SIM	✓	✓	✓		
H2-CTRIO	✓	✓	✓		✓
H2-CTRIO2	✓	✓	✓		
<b>Programming</b>					
D2-HPP	✓	✓	✓		✓

DL305					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>CPUs</b>					
D3-330	✓	✓			✓
D3-330P	✓	✓			✓
D3-340	✓	✓			✓
D3-350	✓	✓			✓
<b>Specialty CPUs</b>					
F3-0MUX-1	✓	✓			
F3-0MUX-2	✓	✓			
F3-0MUX-3	✓	✓			
F3-PMUX-1	✓	✓			
F3-RTU-1	✓	✓			✓
<b>Bases and Cables</b>					
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	✓	✓			✓
<b>DC Input Modules</b>					
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	✓	✓			
<b>AC Input Modules</b>					
D3-08NA-1	✓	✓			✓
D3-08NA-2	✓	✓			✓
D3-16NA	✓	✓			✓
<b>AC/DC Input Modules</b>					
D3-08NE3	✓	✓			✓
D3-16NE3	✓	✓			✓
<b>DC Output Modules</b>					
D3-04TD1					
D3-08TD1	✓	✓			✓
D3-08TD2	✓	✓			✓
D3-16TD1-1	✓	✓			✓
D3-16TD1-2	✓	✓			✓
D3-16TD2	✓	✓			✓
<b>AC Output Modules</b>					
D3-04TAS	✓	✓			✓
D3-08TA-1	✓	✓			✓
D3-08TA-2	✓	✓			✓
F3-08TAS					
F3-08TAS-1	✓	✓			✓
F3-16TA-1					
F3-16TA-2	✓	✓			✓
D3-16TA-2	✓	✓			✓
<b>Relay Output Modules</b>					
D3-08TR	✓	✓			
F3-08TRS-1					
F3-08TRS-2	✓	✓			
F3-08TRS-5	✓	✓			✓
D3-16TR	✓	✓			
<b>Analog Modules</b>					
D3-04AD	✓	✓			✓
F3-04ADS	✓	✓			
F3-08AD	✓	✓			✓
F3-08TEMP	✓	✓			
F3-08THM-n	✓	✓			✓
F3-16AD	✓	✓			✓
D3-02DA	✓	✓			✓
F3-04DA-1	✓	✓			✓
F3-04DAS	✓	✓			
F3-08AD-1	✓	✓			✓
<b>Communications and Networking</b>					
D3-232-DCU	✓	✓			
D3-422-DCU	✓	✓			
D3-DCM	✓	✓			✓
<b>ASCII BASIC Modules</b>					
F3-AB128	✓	✓			✓
F3-AB128-R	✓	✓			
F3-AB128-T	✓	✓			✓
<b>Specialty Modules</b>					
D3-08SIM	✓	✓			
D3-HSC	✓	✓			✓
D3-PWU	✓	✓			
D3-TCSU					
<b>Programming</b>					
D3-HP	✓	✓			
D3-HPP	✓	✓			

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

DL405 (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>Analog Modules</b>					
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	✓	✓			
<b>Remote I/O</b>					
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	✓	✓			
<b>Communications and Networking</b>					
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	✓	✓			
<b>CoProcessors™</b>					
F4-CP128-1	✓	✓			
F4-CP512	✓	✓			
F4-CP512-1	✓	✓			
F4-CP128-R	✓	✓			
F4-CP128-T	✓	✓			
<i>DL405 approvals continued in next column.</i>					

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# Agency Approvals

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

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

Electrical Safety Components					
	UL	TUV	CSA	CE	RoHS
<b>Comapi Safety Devices</b>					
Safety Limit Switches	✓		✓	✓	✓
<b>Contrinex Safety Devices</b>					
Safety Light Curtains	✓	✓		✓	
<b>Datalogic Safety Devices</b>					
Safety Light Curtains	✓	✓		✓	
<b>Dold</b>					
Safety Relays		✓		✓	✓
Trapped Key				✓	
<b>IDEM Safety Switches</b>					
Non-Contact Locking	✓			✓	✓
Solenoid Interlock	✓			✓	✓
Inch/Inch Hinge	✓			✓	✓
Limit Switches		✓		✓	

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

Encoders					
	UL	cUL	CSA	CE	RoHS
<b>Koyo Encoders</b>					
TRD Series	✓	✓	✓	✓	
TRDA Series	✓	✓	✓	✓	

Float Level Sensors						
	cULus	UR	CSA	CSA	CE	RoHS
<b>ProSense Float Level Switches</b>						
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
<b>ProSense Flow Switches</b>					
All models	✓			✓	✓
<b>ProSense Flow Transmitters</b>					
All models	✓	✓		✓	✓
<b>ProSense Magnetic-Inductive Flow Meters</b>					
All models	✓	✓		✓	✓

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

Location Controls				
	UL	CSA	Class 1 Div 2	Class III
<b>Killark Hazardous Location Controls</b>				
All models	✓	✓	✓	✓

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

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

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

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# Agency Approvals

Operator Panels					
	UL	cUL	CE	CSA	Class 1 Div 2
<b>DirectLogic</b>					
DV1000	✓	✓	✓		
<b>DirectTouch</b>					
DP-M320, 321	✓	✓	✓		
DP-C320, 321	✓	✓	✓		
<b>Optimate Panels</b>					
All	✓	✓	✓		
<b>Atlas Industrial Monitors</b>					
All	✓	✓	✓		✓
<b>C-more EA7 Series Panels</b>					
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	✓	✓	✓		
<b>C-more EA9 Series Panels</b>					
EA9-T6CL	✓	✓	✓		✓
EA9-T6CL-R	✓	✓	✓		✓
EA9-T7CL	✓	✓	✓		
EA9-T7CL-R	✓	✓	✓		
EA9-T8CL	✓	✓	✓		
EA9-T10CL	✓	✓	✓		
EA9-T10WCL	✓	✓	✓		
EA9-T12CL	✓	✓	✓		
EA9-T15CL	✓	✓	✓		
EA9-T15CL-R	✓	✓	✓		
<b>C-more Micro Panels</b>					
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-S3ML-RN	✓	✓	✓		
EA3-S3ML-R	✓	✓	✓		
EA3-T4CL	✓	✓	✓		
EA3-T6CL	✓	✓	✓		
EA3-T8CL	✓	✓	✓		
EA3-T10CL	✓	✓	✓		
EA-ECOM	✓	✓	✓		
<i>Operator Panels approvals continued in next column.</i>					

Operator Panels (continued)					
	UL	cUL	CE	CSA	Class 1 Div 2
EA-MG6-BZ2	✓	✓	✓		
EA-MG6-BZ2P	✓	✓	✓		
EA-MG-P1	✓	✓	✓		
EA-MG-SP1	✓	✓	✓		
<b>ViewMarq LED Displays</b>					
MD4-0112T	✓	✓	✓		
MD4-0124T	✓	✓	✓		
MD4-0212T	✓	✓	✓		
MD4-0224T	✓	✓	✓		
MD4-0412T	✓	✓	✓		
MD4-0424T	✓	✓	✓		

Photoelectric Sensors					
	UL	cUL	CSA	CE	RoHS
<b>Wenglor</b>					
OPT Series	✓	✓		✓	✓

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

Pneumatics					
	UL	cUL	CSA	CE	RoHS
<b>Nitra Valves</b>					
ASD models				✓	
AVP & AVS models				✓	
DVD, DVM & DVP mdels				✓	
<b>Nitra Cylinder Switches</b>					
CPS, CPSF	✓	✓		✓	
CPS9C, CPS9D, CPS9F, CPS9H, CPS9M, CPS9Q, CPS9T				✓	
<b>Nitra Total Air Prep</b>					
Tap Models				✓	
<i>Pneumatics approvals continued in next column.</i>					

Pneumatics (continued)					
	UL	FM	CSA	CE	Class 1 Div 2
<b>Electropneumatic Transducers</b>					
NCP1		✓			✓
NCP2		✓	✓		✓

Power Transmission (Mechanical)					
	UL	cUL	CSA	CE	RoHS
igus Plastic Bearings				✓	✓
igus Aluminum Shafting				✓	✓

Process Control/Conditioning					
	UL	cUL	CE	RoHS	Class 1 Div 2
<b>FC Signal Conditioners</b>					
FC-11, FC-33, FC-R1, FC-R1	✓	✓	✓		✓
FC-ISO-C, FC-ISO-D, FC-P3, FC-35B, FC-B34	✓	✓	✓	✓	
<b>SOLO Temperature Controllers</b>					
All models	✓	✓	✓		
<b>ProSense Digital Panel Meters</b>					
All models			✓		
<b>Universal Signal Conditioners</b>					
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	✓	✓	✓	✓	
<small>*The P3-16TD3P, P3-HSI, P3-HSO and P3-SCM modules are not UL1604 E200031 recognized.</small>					

Protos X I/O					
	UL	cUL	CE	CSA	RoHS
<b>Bus Couplers</b>					
PX-MOD	✓	✓	✓		✓
PX-TCP1	✓	✓	✓		✓
PX-TCP2	✓	✓	✓		✓
<b>Discrete I/O Terminals</b>					
PX-144	✓	✓	✓		✓
PX-148	✓	✓	✓		✓
PX-149	✓	✓	✓		✓
PX-172-1	✓	✓	✓		✓
PX-172-2	✓	✓	✓		✓
PX-244-1	✓	✓	✓		✓
PX-244-2	✓	✓	✓		✓
PX-248	✓	✓	✓		✓
PX-249	✓	✓	✓		✓
<i>Protos X I/O approvals continued in next column.</i>					

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# Agency Approvals

Protos X I/O (continued)					
	UL	cUL	CE	CSA	RoHS
PX-272-1	✓	✓	✓		✓
PX-272-2	✓	✓	✓		✓
PX-549	✓	✓	✓		✓
<b>Analog I/O Terminals</b>					
PX-302	✓	✓	✓		✓
PX-304	✓	✓	✓		✓
PX-308	✓	✓	✓		✓
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	✓	✓	✓		✓
<b>Bus End/Expansion Terminals</b>					
PX-901	✓	✓	✓		✓
PX-902	✓	✓	✓		✓
PX-903			✓		✓
<b>Power Terminals</b>					
PX-940	✓	✓	✓		✓
PX-970	✓	✓	✓		✓
PX-949	✓	✓	✓		✓

Proximity Sensors					
	UL	cUL	CSA	CE	RoHS
<b>Koyo Proximity Switches</b>					
APS Series	✓			✓	
<b>Micro Detectors Ultrasonic Sensors</b>					
UK/UT Series	✓	✓		✓	✓
<b>MD Inductive Proximity Sensors</b>					
V Series	✓			✓	

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

Soft Starters					
	UL	cUL	CSA	CE	RoHS
<b>Stellar Soft Starters</b>					
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
<b>ProSense Pressure/Temp Transmitters</b>					
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
<b>Konnect-It Terminal Blocks</b>					
All models	✓			✓	
<b>Z&amp;F Crimps</b>					
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
<b>Power Supplies and Bases</b>					
T1K-01AC	✓	✓			✓
T1K-01DC	✓	✓			✓
T1K-08B	✓	✓			✓
T1K-16B	✓	✓			✓
T1K-08B-1	✓	✓			✓
T1K-16B-1	✓	✓			✓
<b>Discrete Input Modules</b>					
T1K-08ND3	✓	✓			✓
T1K-16ND3	✓	✓			✓
T1K-08NA-1	✓	✓			✓
T1K-16NA-1	✓	✓			✓
<b>Discrete Output Modules</b>					
T1H-08TDS	✓	✓			
T1K-08TD1	✓	✓			✓
T1K-16TD1	✓	✓			✓
T1K-16TD2	✓	✓			✓
T1K-16TD2-1	✓	✓			✓
T1K-08TA	✓	✓			✓
T1K-08TAS	✓	✓			✓
T1K-16TA	✓	✓			✓
T1K-16TR	✓	✓			✓
T1K-08TR	✓	✓			✓
T1K-08TRS	✓	✓			✓
T1K-08TD2-1	✓	✓			✓
<b>Analog Modules</b>					
T1F-08AD-1	✓	✓			✓
T1F-08AD-2	✓	✓			✓
T1F-08DA-1	✓	✓			✓

Terminator I/O approvals continued in next column.

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

Tools and Test Equipment					
	UL	cUL	CSA	CE	RoHS
<b>Shimpo Tachometers &amp; Stroboscopes</b>					
DT-105A, DT-107A, DT-205LR, DT-207LR, DT-311A, DT-315A, DT-326, ST-1000					

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

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# Agency Approvals

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

Wiring Solutions					
	UL	cUL	CSA	CE	RoHS
<b>BM Cable Ties</b>					
All models	✓				
<b>Bimed Cable Glands</b>					
Plastic	✓	✓	✓	✓	
Brass	✓	✓		✓	
<b>Bryant Wiring Devices</b>					
Plugs, Connectors, Receptacles, Cover Plates	✓		✓		
<b>Electri-Flex (Iquatite) Conduits</b>					
LA, ATLA		✓	✓	✓	✓
SLA		✓			✓
NM		✓	✓		✓
<b>RACO Liquid-tight Connectors</b>					
All models	✓	✓		✓	✓
<b>SapiSelco Cable Ties</b>					
Standard & Stainless Steel Tooth	✓	✓		✓	✓
All other cable ties				✓	✓
<i>Wiring Solutions approvals continued in next column.</i>					

Wiring Solutions (continued)					
	UL	cUL	CSA	CE	RoHS
	UL	cUL	CSA	CE	Class 1 Div 2
<b>Wire &amp; Cable</b>					
Data	✓				
PLTC	✓				✓
Multi-Conductor Control Cable	✓		✓		
Flexible Portable Cord - Type SOOW, SJOOW, SEOOW & SJEOOW	✓		✓		✓
Flexible Portable Cord - Type W	✓		✓		✓
	UL	cUL	CSA	CE	RoHS
<b>Murr Sensor Cables and Connectors</b>					
Quick-disconnect	✓		✓	✓	✓
7000 series patch	✓		✓		✓
Shielded Ethernet	✓		✓		
Field Wireables	✓				
Bulkhead connectors			✓		✓
	UL	cUL	CSA	CE	Class 1 Div 2
<b>ZIPLinks</b>					
FACTS models	✓	✓		✓	
Non-FACTS models	✓	✓		✓	
<b>ZIPport</b>					
Mini Cordsets	✓	✓			
Mini Patch Cables	✓	✓			
Field Wireable Connectors	✓	✓			
Mini Bulkhead Connectors	✓	✓			
Mini Cordsets	✓	✓			

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)