

Certifications of N-TRON Industrial Ethernet Devices

Switch	FCC	ICES-003	CE	GS	UL	cUL	ATEX	ABS	DNV	Railway	ElecPwr
100 Series POEs	ACS 07-0357 11/13/07	ACS 07-0357 11/13/07	ACS 07-0357 11/13/07	---	UL Vol 1 Sec 14 2/22/08	UL Vol 1 Sec 14 2/22/08	---	ABS 08- LD412000/1- PDA	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
100-POE-SPL	ACS 08-0481 3/23/09	ACS 08-0481 3/23/09	ACS 08-0481 3/23/09	---	UL Vol 1 Sec 19 4/29/09	UL Vol 1 Sec 19 4/29/09	---	---	---	RTCL-TD-2008- 106 10/24/08	---
102MC	ACS 07-0060 3/21/07	ACS 07-0060 3/21/07	ACS 07-0035B 5/8/07	---	UL Vol 1 Sec 9 5/3/07	UL Vol 1 Sec 9 5/3/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
102PC-SE	TÜV 30561965 9/7/05	TÜV 30561965 9/7/05	---	---	---	---	---	---	---	---	---
102RAS	ACS 06-0349 10/24/06	ACS 06-0349 10/24/06	ACS 06-0349 10/24/06	---	UL Vol 1 Sec 6 2/1/07	UL Vol 1 Sec 6 2/1/07	---	---	---	---	---
104-105TX	ACS 06-0350 10/20/06	ACS 06-0350 10/20/06	ACS 06-0350 10/20/06	---	UL Vol 1 Sec 7 2/2/07	UL Vol 1 Sec 7 2/2/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
105FX	ACS 07-0254 7/27/07	ACS 07-0254 7/27/07	ACS 07-0254 7/27/07	---	UL Vol 1 Sec 12 9/20/07	UL Vol 1 Sec 12 9/20/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
106FX2	ACS 07-0254 7/27/07	ACS 07-0254 7/27/07	ACS 07-0254 7/27/07	---	UL Vol 1 Sec 12 9/20/07	UL Vol 1 Sec 12 9/20/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	---	---
105M12	ACS 07-0138 4/26/07	ACS 07-0138 4/26/07	ACS 07-0138 4/26/07	---	UL Vol 1 Sec 11 8/15/07	UL Vol 1 Sec 11 8/15/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
108TX	ACS 07-0035 2/6/07	ACS 07-0035 2/6/07	ACS 07-0035B 5/8/07	---	UL Vol 1 Sec 10 5/4/07	UL Vol 1 Sec 10 5/4/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
108TX-HV	---	---	TÜV 30980944 8/21/09	TÜV S72090631 8/27/09	---	---	---	---	---	RTCL-TD-2008- 106 10/24/08	---
108M12	ACS 07-0139 4/4/07	ACS 07-0139 4/4/07	ACS 07-0139 4/4/07	---	UL Vol 1 Sec 11 8/15/07	UL Vol 1 Sec 11 8/15/07	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
108M12-HV	---	---	TÜV 30980944 8/21/09	TÜV S72090631 8/27/09	---	---	---	---	---	RTCL-TD-2008- 106 10/24/08	---
202MC-405TX-FX	---	---	Flextronics 0749NTR-2 7/13/01	---	UL Vol 1 Sec 1 3/1/01	UL Vol 1 Sec 1 3/1/01	---	---	---	---	---
300-Series- MC/TX/FX	TÜV 30461860 9/8/04	TÜV 30461860 9/8/04	TÜV 30461860 9/8/04	---	UL Vol 1 Sec 4 12/12/03	UL Vol 1 Sec 4 12/12/03	---	ABS 06- HS176465A-2- PDA	---	---	C-Strauss EG0586 6/28/06
308/9/16/17FX/TX	ACS 08-0442 12/29/08	ACS 08-0442 12/29/08	C-Strauss NG0586-2 4/1/10	---	UL Vol 1 Sec 2 03/19/10	UL Vol 1 Sec 2 03/19/10	Pending	ABS 06- HS176465A-2- PDA	---	---	C-Strauss EG0586-1 5/12/10
508/9/16/17TX-FX	ACS 08-0442 12/29/08	ACS 08-0442 12/29/08	C-Strauss NG0586-2 4/1/10	---	UL Vol 1 Sec 2 4/17/03	UL Vol 1 Sec 2 4/17/03	UL 0316686U 10/13/08	ABS 06- HS176465A-2- PDA	---	---	C-Strauss EG0586-1 5/12/10
524TX-526FX	TÜV 30362623 12/10/03	TÜV 30362623 12/10/03	TÜV 30362623 12/10/03	---	UL Vol 1 Sec 2 4/17/03	UL Vol 1 Sec 2 4/17/03	UL 0316686U 10/13/08	ABS 08- LD412000/1- PDA	---	---	C-Strauss EG0586 6/28/06
702-W/M12	ACS 08-0438 12/24/08	ACS 08-0438 12/24/08	ACS 08-0438 12/24/08	---	UL Vol 1 Sec 20 5/26/09	UL Vol 1 Sec 20 5/26/09	---	---	---	---	---
708M12	ACS 08-0193 6/23/08	ACS 08-0193 6/23/08	ACS 08-0193 6/23/08	---	UL Vol 1 Sec 17 12/29/08	UL Vol 1 Sec 17 12/29/08	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
708M12-HV	ACS 08-0288 9/25/08	ACS 08-0288 9/25/08	ACS 08-0288 9/25/08	TÜV S72090631 8/27/09	---	---	---	---	---	RTCL-TD-2008- 106 10/24/08	---
708TX-FX-FX2	ACS 07-0242 7/27/07	ACS 07-0242 7/27/07	ACS 07-0242 7/27/07	---	UL Vol 1 Sec 13 2/22/07	UL Vol 1 Sec 13 2/22/07	UL 0316686U 10/13/08	ABS 08- LD412000/1- PDA	DNV Certificate No. A-11575	RTCL-TD-2008- 106 10/24/08	---
714FX6	ACS 09-0293 10/5/09	ACS 09-0293 10/5/09	ACS 09-0293 10/5/09	---	UL Vol 1 Sec 22 3/27/10	UL Vol 1 Sec 22 3/27/10	---	---	---	---	---
716TX/FX	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	---	UL Vol 1 Sec 18 3/13/09	UL Vol 1 Sec 18 3/13/09	---	---	---	RTCL-TD-2008- 106 10/24/08	---
716TX/FX-HV	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	TÜV S72090631 8/27/09	---	---	---	---	---	RTCL-TD-2008- 106 10/24/08	---
808TX-809FX	JMR 000224 3/13/00	JMR 000224 3/13/00	JMR 000224 3/13/00	TÜV E2072950 8/8/00	---	---	---	---	---	---	---
900 Series	Flextronics 2019NTRB 8/13/01	Flextronics 2019NTRB 8/13/01	Flextronics 2019NTRB 8/13/01	---	UL Vol 1 Sec 3 4/18/03	UL Vol 1 Sec 3 4/18/03	---	---	---	---	---
1002MC-1003GX2	ACS 08-0015 2/21/08	ACS 08-0015 2/21/08	ACS 08-0015 2/21/08	---	UL Vol 1 Sec 16 9/3/08	UL Vol 1 Sec 16 9/3/08	---	ABS 08- LD412000/1- PDA	DNV Certificate No. A-11575	---	---
1005TX	ACS 07-0487 12/19/07	ACS 07-0487 12/19/07	ACS 07-0487 12/19/07	---	UL Vol 1 Sec 15 5/30/08	UL Vol 1 Sec 15 5/30/08	---	ABS 08- LD412000/1-	DNV Certificate No. A-11575	---	---
7014TX-FXE2	ACS 07-0396 11/26/07	ACS 07-0396 11/26/07	ACS 07-0396 11/26/07	---	UL Vol 1 Sec 8 4/20/07	UL Vol 1 Sec 8 4/20/07	---	---	---	---	---
7018TX/FX	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	---	UL Vol 1 Sec 18 3/13/09	UL Vol 1 Sec 18 3/13/09	---	---	---	RTCL-TD-2008- 106 10/24/08	---
7018TX/FX-HV	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	ACS 08-0362 10/27/08	TÜV S72090631 8/27/09	---	---	---	---	---	RTCL-TD-2008- 106 10/24/08	---
7506GX2	ACS 09-0268 10/1/09	ACS 09-0268 10/1/09	ACS 09-0268 10/1/09	---	UL Vol 1 Sec 21 12/18/09	UL Vol 1 Sec 21 12/18/09	---	---	---	---	---
9000	TÜV 30561965 9/7/05	TÜV 30561965 9/7/05	C-Strauss NG0586 7/5/06	---	UL Vol 1 Sec 5 12/29/05	UL Vol 1 Sec 5 12/29/05	Pending	ABS 08- LD412000/1-	---	---	C-Strauss EG0586 6/28/06

N-Tron Devices by Certification Categories

<p>ABS International Association of Classification Societies IACS UR E10 (IEC60068) (IEC 60092) (IEC60533) (IEC61000)</p>	<p>100 Series (102MC, 104TX, 105TX, 105FX, 106FX2, 108TX, 100-POE4, 105TX-POE, 105FX-POE, 105FXE-POE, 105M12, 108M12) 300 Series (302MC, 302MCE, 304TX, 305FX, 305FXE, 306TX, 306FX2, 306FXE, 308TX, 308FX2, 309FX, 316TX, 317FX) 500 Series (508TX, 508FX2, 508FXE2, 509FX, 509FXE, 516TX, 517FX, 517FXE, 524-TX, 526FX2, 526FXE2) 700 Series (708TX, 708FX2, 708M12) 1000 Series (1002MC, 1003GX2, 1005TX) 9000 Series (9000BP, 9000CPU, 9006TX, 9002FX, 9002FXE, 9004FX, 9004FXE)</p>
<p>DNV (Same as ABS above)</p>	<p>100 Series (102MC, 104TX, 105TX, 105FX, 108TX, 100-POE4, 105TX-POE, 105FX-POE, 105FXE-POE, 105M12, 108M12, 106FX2) 700 Series (708TX, 708FX2, 708M12) 1000 Series (1002MC, 1003GX2, 1005TX)</p>
<p>ATEX EN 60079-0/15</p>	<p>500 Series (508TX, 508FX2, 508FXE2, 509FX, 509FXE, 516TX, 517FX, 517FXE, 524TX, 526FX2, 526FXE2) Ex nA 700 Series (708TX, 708FX2, 708FXE2) Ex nC</p>
<p>GS EN 60950-1:2001</p>	<p>108TX-HV, 108M12-HV, 708M12-HV 716TX-HV, 716FX2-XX-HV, 716FXE2-XX-YY-HV 7018TX-HV, 7018FX2-XX-HV, 7018FXE2-XX-YY-HV</p>
<p>RAIL EN 50155:2007</p>	<p>100 Series (100-POE-SPL-XX, 100-POE4, 102MC, 102MCE, 102MC-FL, 104TX, 105TX, 105TX-POE, 105FX, 105FXE-XX-YY, 105FX-XX-POE, 105M12, 108TX, 108TX-HV, 108M12, 108M12-HV) 700 Series (716TX, 716TX-HV, 716FX2-XX, 716FX2-XX-HV, 716FXE2-XX-YY-HV, 708TX, 708FX2, 708FXE2-XX-YY, 708M12, 708M12-HV) 7018 Series (7018TX, 7018TX-HV, 7018FX2-XX, 7018FX2-XX-HV, 7018FXE20XX-YY, 7018FXE2-XX-YY-HV)</p>
<p>Electric Power Substations IEEE 1613-2003</p>	<p>300 Series (302MC, 302MCE, 304TX, 305FX, 305FXE, 306TX, 306FX2, 306FXE, 308TX, 308FX2, 309FX, 316TX, 317FX) 500 Series (508TX, 508FX2, 508FXE, 509FX, 509FXE, 516TX, 517FX, 517FXE, 524TX, 526FX2, 526FXE) 9000 Series (9000CPU, 9002FX, 9002FXE, 9004FX, 9004FXE, 9006TX)</p>
<p>FCC CE UL</p>	<p>CFR Title 47, Part 15, Subpart B: Class A digital device IEC 61000-4-2/3/4/5 etc UL 508-OrdLoc; ISA 12.12.01-2007 (CI I, Div 2 - HazLoc)</p>