



# Certificate of Compliance

**Certificate:** 2743410

**Master Contract:** 215727

**Project:** 70164905

**Date Issued:** November 28, 2017

**Issued to:** Dehn & Sohne GmbH & Co. KG  
Hans Dehn Strasse 1  
NEUMARKT/OBERPFALZ, 92318  
Germany  
**Attention:** Ms. Christian Frey

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



*A Yeung Peng*  
**Issued by:** A. Yeung, P. Eng.

## PRODUCTS

CLASS 4873 82 - TELECOMMUNICATION EQUIPMENT - Protective Devices - Certified to US Standards

CLASS 4873 02 - TELECOMMUNICATION EQUIPMENT - Secondary Protectors Used In Telecommunication Networks

## APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No.	226-92	-	Protectors in Telecommunication Networks
UL Std No.	497B	-	Protectors for Data Communication and Fire Alarm Circuits



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Component protectors Blitzductor XT Model BXT with suffixes, and LifeCheck circuit for use in data communication and fire alarm circuit. Details as shown below:  
 Plug in Protection Module (4 Pole Version):

Model	Part no.:	Strike Voltages (100 V/s)				Surge Voltages (100 V/ $\mu$ s)			
		Line to Ground		Line to Line		Line to Ground		Line to Line	
		Min	Max	Min	Max	Min	Max	Min	Max
<b>Base Module: BSP BAS 926 304</b>									
BXT BAS	920 300	--		--		--		--	
BXT BAS EX	920 301	--		--		--		--	
<b>Plug-in Protection Module: (4-Pole Version)</b>									
BXT ML4 B 180	920 310	182 V	278 V	N/A	N/A	182 V	550 V	N/A	N/A
BXT ML4 BE 5	920 320	6,7 V	8,5 V	13,4 V	17,0 V	6,7 V	9,0 V	13,4 V	18,0 V
BXT ML4 BE 12	920 322	16,5 V	18,7 V	33,0 V	37,5 V	16 V	19 V	33 V	38 V
BXT ML4 BE 24	920 324	35 V	42 V	70 V	83 V	35 V	45 V	70 V	90 V
BXT ML4 BE 48	920 325	59 V	67 V	72 V	133 V	59 V	70 V	118 V	140 V
BXT ML4 BE 60	920 326	72 V	87 V	72 V	173 V	72 V	90 V	144 V	180 V
BXT ML4 BE 180	920 327	182 V	224 V	182 V	446 V	182 V	250 V	182 V	500 V
BXT ML4 BD 5	920 340	70 V	110 V	6,7 V	8,5 V	70 V	550 V	6,7 V	9,0 V
BXT ML4 BD 12	920 342	70 V	110 V	16,5 V	18,7 V	70 V	550 V	16 V	19 V
BXT ML4 BD 24	920 344	70 V	110 V	35 V	42 V	70 V	550 V	35 V	45 V
BXT ML4 BD 48	920 345	70 V	110 V	59 V	67 V	70 V	550 V	59 V	70 V
BXT ML4 BD 60	920 346	70 V	110 V	72 V	87 V	70 V	550 V	72 V	90 V
BXT ML4 BD 180	920 347	182 V	278 V	182 V	224 V	182 V	550 V	182 V	250 V



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Model	Part no.:	Strike Voltages (100 V/s)				Surge Voltages (100 V/μs)			
		Line to Ground		Line to Line		Line to Ground		Line to Line	
		Min	Max	Min	Max	Min	Max	Min	Max
Plug-in Protection Module: (4-Pole Version) Continue .....									
BXT ML4 BC 5	920 350	70 V	110 V	6,7 V	8,5 V	70 V	550 V	6,7 V	9,0 V
BXT ML4 BC 24	920 354	70 V	110 V	35 V	42 V	70 V	550 V	35 V	45 V
BXT ML4 BE C 24	920 364	35 V	42 V	35 V	42 V	35 V	45 V	35 V	45 V
BXT ML4 BE HF 5	920 370	7,5 V	10,0 V	7,5 V	10,0 V	7,5 V	11,0 V	7,5 V	11,0 V
BXT ML4 BD HF 5	920 371	70 V	110 V	7,5 V	10,0 V	70 V	550 V	7,5 V	11,0 V
BXT ML4 BD HF 24	920 375	70 V	110 V	36 V	43 V	70 V	550 V	36 V	47 V
BXT ML4 BD EX 24	920 381	450 V	750 V	35 V	42 V	450 V	1100 V	35 V	45 V
BXT ML4 BC EX 24	920 384	450 V	750 V	35 V	42 V	450 V	1100 V	35 V	45 V
BXTU ML4 BD 0-180	920 349	182 V	278 V	182 V	240 V	182 V	550 V	182 V	250 V



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		Line to Ground		Line to Line		Line to Ground		Line to Line	
		Min	Max	Min	Max	Min	Max	Min	Max
<u>Plug-in Protection Module: (2-Pole Version)</u>									
BXT ML2 B 180	920 211	182 V	278 V	N/A	N/A	182 V	550 V	N/A	N/A
BXT ML2 BE S 5	920 220	6,7 V	8,5 V	13,4 V	17,0 V	6,7 V	9,0 V	13,4 V	18,0 V
BXT ML2 BE S 12	920 222	16,5 V	18,7 V	33,0 V	37,5 V	16 V	19 V	33 V	38 V
BXT ML2 BE S 24	920 224	35 V	42 V	70 V	83 V	35 V	45 V	70 V	90 V
BXT ML2 BE S 48	920 225	59 V	67 V	72 V	133 V	59 V	70 V	118 V	140 V
BXT ML2 BD S 5	920 240	70 V	110 V	6,7 V	8,5 V	70 V	550 V	6,7 V	9,0 V
BXT ML2 BD S 12	920 242	70 V	110 V	16,5 V	18,7 V	70 V	550 V	16 V	19 V
BXT ML2 BD S 24	920 244	70 V	110 V	35 V	42 V	70 V	550 V	35 V	45 V
BXT ML2 BD S 48	920 245	70 V	110 V	59 V	67 V	70 V	550 V	59 V	70 V
BXT ML2 BD 180	920 247	182 V	278 V	182 V	224 V	182 V	550 V	182 V	250 V
BXT ML2 BE HFS 5	920 270	7,5 V	10,0 V	7,5 V	10,0 V	7,5 V	11,0 V	7,5 V	11,0 V
BXT ML2 BD HFS 5	920 271	70 V	110 V	7,5 V	10,0 V	70 V	550 V	7,5 V	11,0 V
BXTU ML2 BDS 0-180	920 249	182 V	278 V	N/A	N/A	182 V	550 V	N/A	N/A