



# Certificate of Compliance

**Certificate:** 2713430

**Master Contract:** 215727

**Project:** 70058680

**Date Issued:** January 13, 2016

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

**Attention:** Mr. 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*



**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

Component protectors BSP series with suffixes, for use in data communication and fire alarm circuit. Details as shown below:

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
Base Module:									
BSP BAS	926 304	-	-	-	-	-	-	-	-
BXT BAS	920 300	-	-	-	-	-	-	-	-
BXT BAS EX	920 301	-	-	-	-	-	-	-	-



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		Line to Ground		Line to Line		Line to Ground		Line to Line	
		Min	Max	Min	Max	Min	Max	Min	Max
<b>Plug-in Protection Module: (4-Pole Version)</b>									
BSP M4 BE 5	926 320	6,7 V	8,5 V	13,4 V	17,0 V	6,7 V	9,0 V	13,4 V	18,0 V
BSP M4 BE 12	926 322	16,5 V	18,7 V	33,0 V	37,5 V	16 V	19 V	33 V	38 V
BSP M4 BE 24	926 324	35 V	42 V	70 V	83 V	35 V	45 V	70 V	90 V
BSP M4 BE 48	926 325	59 V	67 V	72 V	133 V	59 V	70 V	118 V	140 V
BSP M4 BE 60	926 326	72 V	87 V	72 V	173 V	72 V	90 V	144 V	180 V
BSP M4 BE 180	926 327	182 V	224 V	182 V	446 V	182 V	250 V	182 V	500 V
BSP M4 BD 5	926 340	70 V	110 V	6,7 V	8,5 V	70 V	550 V	6,7 V	9,0 V
BSP M4 BD 12	926 342	70 V	110 V	16,5 V	18,7 V	70 V	550 V	16 V	19 V
BSP M4 BD 24	926 344	70 V	110 V	35 V	42 V	70 V	550 V	35 V	45 V
BSP M4 BD 48	926 345	70 V	110 V	59 V	67 V	70 V	550 V	59 V	70 V
BSP M4 BD 60	926 346	70 V	110 V	72 V	87 V	70 V	550 V	72 V	90 V
BSP M4 BD 180	926 347	182 V	278 V	182 V	224 V	182 V	550 V	182 V	250 V

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
<b>Plug-in Protection Module: (4-Pole Version) Continue .....</b>									
BSP M4 BE HF 5	926370	7,5 V	10,0 V	7,5 V	10,0 V	7,5 V	11,0 V	7,5 V	11,0 V
BSP M4 BD HF 5	926 371	70 V	110 V	7,5 V	10,0 V	70 V	550 V	7,5 V	11,0 V
BSP M4 BD HF 24	926 375	70 V	110 V	36 V	43 V	70 V	550 V	36 V	47 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>									
BSP M2 BE 5	926 220	6,7 V	8,5 V	13,4 V	17,0 V	6,7 V	9,0 V	13,4 V	18,0 V
BSP M2 BE 12	926 222	16,5 V	18,7 V	33,0 V	37,5 V	16 V	19 V	33 V	38 V
BSP M2 BE 24	926 224	35 V	42 V	70 V	83 V	35 V	45 V	70 V	90 V
BSP M2 BE 48	926 225	59 V	67 V	72 V	133 V	59 V	70 V	118 V	140 V
BSP M2 BE 60	926 226	72 V	87 V	72 V	173 V	72 V	90 V	144 V	180 V
BSP M2 BE 180	926 227	182 V	224 V	182 V	446 V	182 V	250 V	182 V	500 V
BSP M2 BD 5	926 240	70 V	110 V	6,7 V	8,5 V	70 V	550 V	6,7 V	9,0 V
BSP M2 BD 12	926 242	70 V	110 V	16,5 V	18,7 V	70 V	550 V	16 V	19 V
BSP M2 BD 24	926 244	70 V	110 V	35 V	42 V	70 V	550 V	35 V	45 V
BSP M2 BD 48	926 245	70 V	110 V	59 V	67 V	70 V	550 V	59 V	70 V
BSP M2 BD 60	926 246	70 V	110 V	72 V	87 V	70 V	550 V	72 V	90 V
BSP M2 BD 180	926 247	182 V	278 V	182 V	224 V	182 V	550 V	182 V	250 V
BSP M2 BE HF 5	926 270	7,5 V	10,0 V	7,5 V	10,0 V	7,5 V	11,0 V	7,5 V	11,0 V
BSP M2 BE HFS 5	926 470								
BSP M2 BD HF 5	926 271	70 V	110 V	7,5 V	10,0 V	70 V	550 V	7,5 V	11,0 V
BSP M2 BD HF 24	926 275								



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**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



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70058680	January 13, 2016	Update report 2713430 to cover alternate plastics
2713430	April 4, 2014	Original Certification BSP series