

**Certificate No. S 02-1402-146**

**Approval date** 19/09/2016  
**Approved by** GM Technical Standards  
**Report no.** TAS 08-1402-DE146  
**Report date** 03/02/2016

*This certificate is issued to*

**Supplier** IPD Industrial Products  
25 Princes Road,  
PO Box 22,  
Regents Park NSW 2143

*In respect of*

**Manufacturer** DEHN+SÖHNE GmbH+Co.KG  
**Product description** Surge Protection Equipment  
**Item identification** See Approved Item List  
**Application** ARTC Network Wide  
**Relevant Standards** SPS 02 Environmental Conditions  
SPS 05 Electrical & Electronic Components  
ESC-09-02 Lightning and Surge Protection Requirements  
SCP04 Lightning and Surge Protection Requirements [NSW Specific]

**Conditions of  
Approval**

1. For use in accordance with ARTC standards and specifications.
2. Only components from Approved Item List (table below) may be utilised.
3. DEHNbloc and DEHNventil units shall be installed within switchboard enclosures.
4. Inspection of SPD health should be conducted following potential surge events, such as lightning storms.
5. Manufacturer's guidance on installation and maintenance to be observed.
6. Any change to the components or performance of the components to be submitted to ARTC for approval.

## NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

*A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.*

*Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid updated certificate.*

**Note/Comments**            NIL.

**Issue date**

**Expiry date**

**Issued by**

*John Furness*  
**John Furness**

**ARTC Manager Standards**

Approved Item list - Certificate No. S 08-1402-146

Cat. No.	Product Type	Module/ Base	SPD Class	Nominal Voltage	Max. Continuous Operating Voltage	Lightning Impulse Current (10/350µs)	Nominal Discharge Current (8/20µs)	Conditions of Use	
<b>DEHN - RED/LINE</b>									
961145	DEHNbloc DBM 1 440 FM	Term. Module	Type 1/ Class I	400V AC	440V AC	35kA	35kA		
951115	DEHNventil DV M TT 2P 255 FM	Protection Modules & Base	Type 1 + Type 2/	230V AC	264V AC	50kA	25/ 50kA		
951119	DEHNventil DV M 2W 135 FM	Protection Modules & Base	Type 1 + Type 2/	1Ø 2W 100V AC	135V AC	50kA	25/ 50kA		
951100	Replacement Module DV MOD 255	Protection Module	-	Spark-Gap-Based Protection Module (max continuous operating A.C. voltage 264V)					
951002	Replacement Module DV MOD 135	Protection Module	-	Spark-Gap-Based Protection Module (max continuous operating A.C. voltage 135V)					
951050	Replacement Module DV MOD NPE 50	Protection Module	-	50kA N-PE Spark-Gap-Based Protection Module					
952071	DEHNguard DG S 75	Protection Module & Base	Type 2/ Class II	60V AC	75V AC/ 100V DC	-	10kA/ 40kA		
952091	DEHNguard DG S 75 FM	Protection Module & Base	Type 2/ Class II	60V AC	75V AC/ 100V DC	-	10kA/ 40kA		
952011	Replacement Module DG MOD 75	Protection Module	-	Varistor Based protection Module (max. continuous operating A.C. voltage 75V)					
<b>DEHN - YELLOW/LINE</b>									
920 326	DEHN BLITZDUCTOR BXT ML4 BE 60	Protection Module	Type 1/ P1	60V	49.5V AC/ 70V DC	10kA	20kA		
926 304	DEHN BLITZDUCTOR BSP BAS 4 BASE	Base	-	Signal disconnected if protection module is removed.					

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<b>Measuring &amp; Test Equipment</b>								
910508	PA BXT Test Adapter	-	-	PM20 Test Accessory		Testing of BLITZDUCTOR XT/ SP/ CT only		
910511	PM 20	-	-	SPD Tester Kit		Testing of BLITZDUCTOR XT/ SP/ CT only		
910653	DRC LC M3+	-	-	LifeCheck SPD Test Device with PC database software		Testing of BLITZDUCTOR XT/XTU ML only		
910655	DRC LC M1+	-	-	LifeCheck SPD Test Device		Testing of BLITZDUCTOR XT/XTU ML only		
920309	BXT M4 T	-	-	BLITZDUCTOR base test accessory				
910652	LCS DRC BXT	-	-	LifeCheck Sensor for DRC BXT		Testing of BLITZDUCTOR XT ML only		