

Certificate No. NESA S123

Version No.1.0

Certificate type:	Full
Approval Date	05 March 2026
Approved by	Manager Engineering Standards
ARTC Inventory Product No.	002005243

This certificate is issued to

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

In respect of

Manufacturer	DEHN+SOHNE GmbH+Co.KG
Product description	Surge Protection Equipment
Supplier product no.	DVM2TT2P255FM
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

Issue date 05/03/2026

Expiry date N/A

Issued by

Manager Engineering Standards

Approved Item list - Certificate No. NESA-S123

Cat. No.	Product Type	Module/ Base	SPD Class	Nominal Voltage	Max. Continuous Operating Voltage	Lightning Impulse Current (10/350 μ s)	Nominal Discharge Current (8/20 μ s)	Conditions of Use
DEHN – RED/LINE								
961145	DEHNbloc DBM 1 440 FM	Term. Module	Type 1/ Class I	400V AC	440V AC	35kA	35kA	
954115	DEHNventil DV M2 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	1 \emptyset 2W 100V AC	135V AC	50kA	25/ 50kA	
956011	Replacement Module DV MOD TT 2P 255	Protection Module	-	Spark-Gap-Based Protection Module (max continuous operating AC voltage 264V)				
951002	Replacement Module DV MOD 135	Protection Module	-	Spark-Gap-Based Protection Module (max continuous operating AC 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 DC/ 100V DC	-	10kA/ 40kA	
952011	Replacement Module DG MOD 75	Protection Module	-	Varistor Based Protection Module (max continuous operating AC voltage 75V)				
DEHN – YELLOW/LINE								
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				

Cat. No.	Product Type	Module/ Base	SPD Class	Nominal Voltage	Max. Continuous Operating Voltage	Lightning Impulse Current (10/350 μ s)	Nominal Discharge Current (8/20 μ s)	Conditions of Use
Measuring & Test Equipment								
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+	-	-	KifeCheck 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		