



**MAIN FEATURES**

- Coupling networks designed for IEC/EN 60255-26 Annex A Figure A1 to A3
- Allows symmetrical and unsymmetrical coupling of the disturbance signal

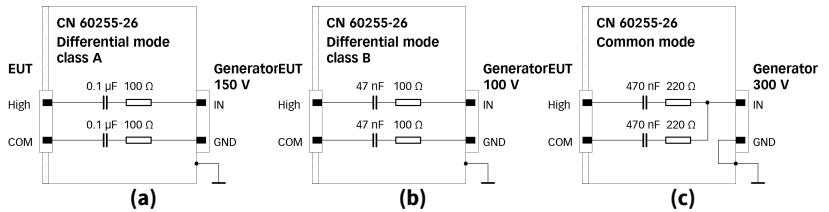
**CN 60255-26  
CN IEC 60255-26**

IEC/EN 60255-26 Annex A specifies the design and performance of a coupling networks (CN) used for testing power frequencies on binary DC input ports . AMETEK CTS with its brand TESEQ offers a complete solution for testing with all necessary equipment needed with reliable method of injecting RF energy into the equipment under test (EUT). In this datasheet, CN used for testing power frequencies on binary DC input ports as required by IEC / EN 60255-26 is presented.

The product standard IEC / EN 60255-26 has three different coupling methods which are differential mode class A, differential mode class B and common mode. The figures below show the circuit design as used inside the CN 60255-26.

For customer convenience, the switching between the mode of coupling can be done automatically by the generator using the supplied cable for D-Sub 15.

AMTEK CTS cares about the safety of their customers. Hence, a protective earth bolt attached to the bottom plate can be used to increase safety during operations.



**Circuit diagram for (a) class A, (b) class B and (c) common mode**

**Electrical Specifications**

CN 60255-26 Product	
Frequency Range	16% Hz to 60 Hz
Application	IEC / EN 60255-26 Annex A
Connector EUT Port	4 mm safety banana
Connector AE Port	
Line Parameters	2 lines
Application Configuration	<sup>1</sup> : differential mode class A, differential mode class B and common mode
DC Voltage	80 V <sup>1</sup>
Disturbance test level	300 V
Footnote	<sup>1</sup> : can be changed remotely with NSG 4060 via D-Sub 15 pole, female <sup>2</sup> : for binary ports.

**General Specifications**

	CN 60255-26 Product
Net Weight	approx. 1.5 kg

**Available Models**

Product	Description	Item #
CN 60255-26 Product	Coupling network according to IEC/EN 60255-26 Annex A Figure A1 to A3, includes D-Sub 15 pole 1:1, male, cable, 2 m	258001

**Accessories Information**

Product	Description	Item #
CN-60255-26-TC	Traceable calibration (ISO17025) for IEC 61000-4-16 and IEC 60255-26 requirements, order only with CN 60255-26.	97-258001