

CDN M2/3 From 150 kHz Series**MAIN FEATURES**

- Coupling networks designed for IEC/EN 61000-4-6
- CDN M series for mains applications
- Models with frequency range 150 kHz to 230 MHz
- Switchable for 2 or 3 Lines application
- Models with 4 mm safety banana sockets

Electrical Specifications

	CDN M016
Frequency Range	150 kHz to 230 MHz
Connector EUT Port	4 mm safety banana
Connector AE Port	
Line Parameters	Switchable 2 or 3 power lines
Application Configuration	(L+N) or (L+N+PE)
AC max. voltage (L-N) / (L-L)	250 V / 433 V
DC max. voltage (L-N) / (L-L)	400 V / 800 V
Current Max	16 A
Test Voltage, 2 sec.	3.1 kVDC
Common Mode Impedance (EUT Port)	150 kHz to 24 MHz: 150 ±20 24 MHz to 80 MHz: 150 +60 / -45 80 MHz to 230 MHz: 150 ±60

RF to EUT/AE Specifications

	CDN M016
RF Port	BNC 50
RF Voltage	< 30 V ¹
Voltage division factor (RF input to EUT port)	150 kHz to 80 MHz: 9.5 dB +1.5 dB/-1 dB 80 MHz to 230 MHz: 9.5 dB +3 dB/-2 dB
Insertion loss (EUT / AE)	f < 400 Hz: <0.1 dB
Decoupling of CM disturbance (RF port / AE) typ.	150 kHz: >30 dB 1.5 MHz: >60 dB 30 MHz: >40 dB 230 MHz: >20 dB
Footnote	1. refers to 50 V test level in 300