

Coupling Networks for Testing of Immunity to Conducted, Common-mode Disturbances

CN 416M2/M3-32

Datasheet



In Compliance with

- > IEC 61000 - 4 -16

Introduction

CN 416M2/M3-32 is specifically designed to meet the requirements as per Standard IEC 61000 - 4 -16:2015, which can be applied to 2-line or 3-line cables, with its voltage of immunity to coupling conducted common mode disturbance up to 300V.

Characteristics

- >As per Standard IEC 61000-4-16
- > Applied to 2-line or 3-line common mode injected simultaneously
- > HV BNC terminal/banana plug signal injection
- > Fast short-circuit switch, used for DC coupling

Application Areas

- > Communication
- > Telecom
- > Medical
- > Broadcast
- > Railway
- > Technology
- > Military
- > Avionics
- > New energy

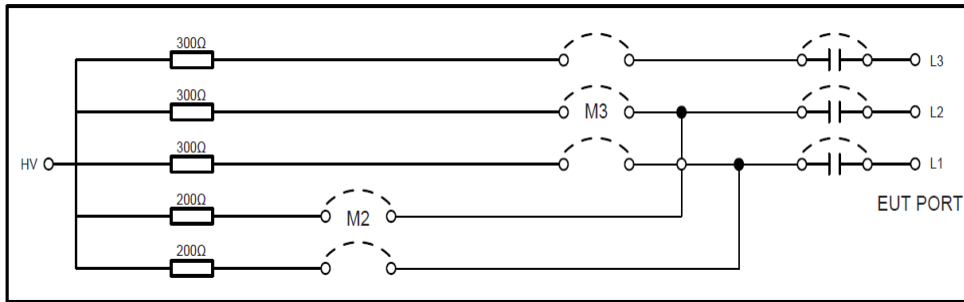
Technical Parameters

Standard	IEC 61000-4-16:2015
Coupling Frequency	0 Hz-150 KHz , CW wave
Circuit Impedance	M2/200 Ω*2, M3/300 Ω*2
Coupling Voltage	300 V
Coupling Mode	2-line/3-line common mode (to earth simultaneously)
Coupling Component	1uF capacitor
Operating Voltage	Max. 400 V DC
Operating Current	Max. 32 A

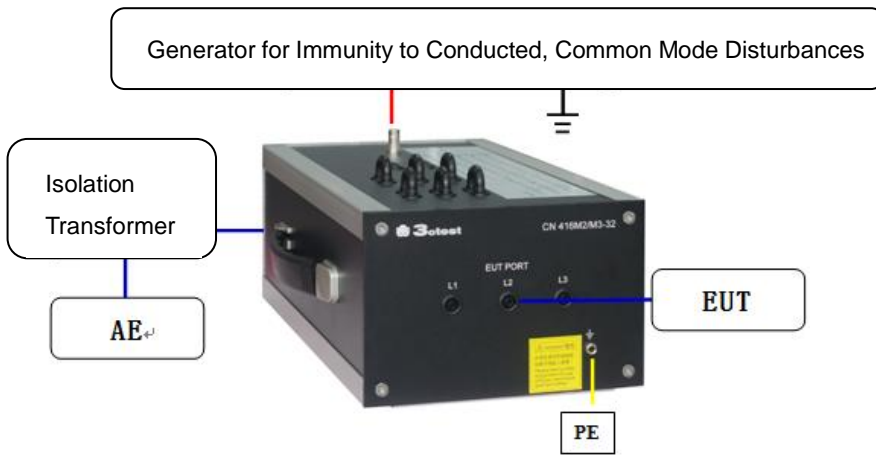
General Parameters

Weight	3.6 Kg
Dimension	250 mm(L)x200 mm(W)x133 mm(H)
Enclosure Material	Aluminum alloy
Ambient Temperature	15 °C-35 °C
Relative Humidity	45%-75%
Package Case	Carton

1、 Standard Schematic Diagram:



2. Test Connection Schematic Drawing:





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