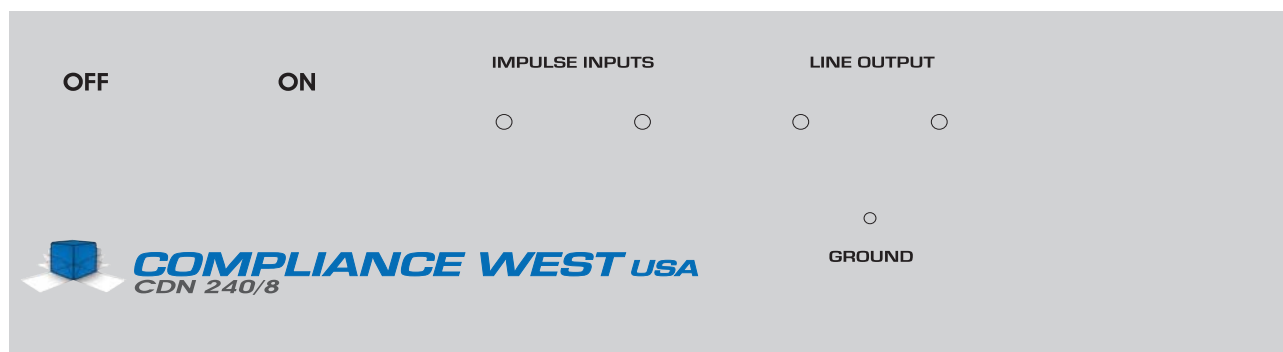




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SURGE TESTERS / coupling-decoupling networks

CDN 240-8 & -15 ↘ FAST ↘ SAFE ↘ RELIABLE



↘ 240V 8A and 15A SINGLE PHASE COUPLING-DECOUPLING NETWORKS

↘ FEATURES

The MegaPulse CDN 240-8 and 240-15 are Coupling-Decoupling Networks for use in Impulse Testing when the DUT is powered.

The Coupling-Decoupling Network (CDN) protects the source from the Surge, and also isolates the output of the MegaPulse Surge Tester from the mains voltage.

The MegaPulse CDN 240-8 and 240-15 are constructed to the requirements of EN61000-4-5 and are built in compliance with EN61000-4-5 Figure 7.

The two configurations differ in the amount of mains current they can provide to the DUT. Select the MegaPulse 240-8 for DUTs requiring up to 240V and up to 8A continuous. Select the MegaPulse 240-15 for DUTs requiring up to 240V and up to 15A continuous.

Compliance West USA also has 3 phase CDNs available for use on mains circuits of up to 400V and DUT current requirements of 4A. Check with us for your custom CDN requirements.



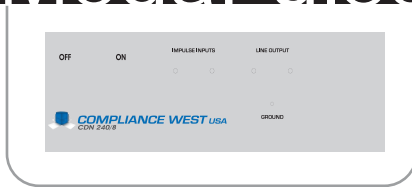
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MegaPulse CDN 240-8 & -15



CIRCUIT ↘

MegaPulse CDN 240-8 and MegaPulse CDN 240-15 are built to the requirements of EN61000-4-5, Figure 7:

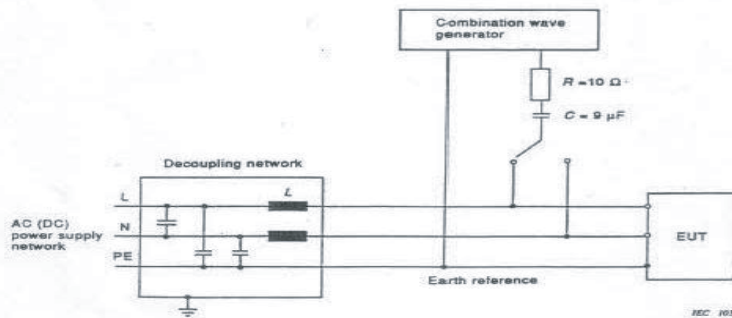
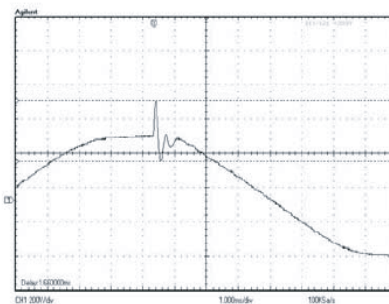


Figure 7 – Example of test set-up for capacitive coupling on a.c./d.c. lines; line-to-line coupling (according to 7.2)



PROTECTION ↘

The CDN 240-8 and CDN 240-15 offer protection back to the source from the surge wave generated by the MegaPulse Surge Tester. This graph shows the pulse seen by the source when a 2000V 2x10/2x10uSec pulse is delivered to an open circuit DUT. This result is within the 10% allowed by EN461000-4-5.



ENVIRONMENTAL ↘

Operating Temperature:: 15-40°C
Relative Humidity Range: 0-90% non-condensing



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