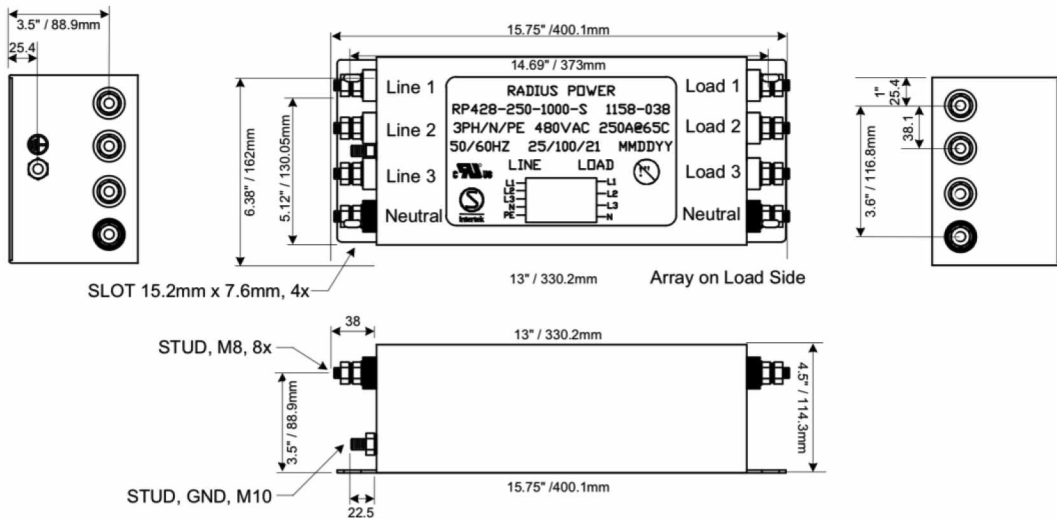


Filtering with Enphase Q-LCF-250-3P

Enphase offers a 250A power line filter, the Q-LCF-250-3P specific for the IQ System Power Line Communication (PLC) frequency. You can use it to filter electrical noise or signals between multiple IQ Commercial Envoy's and their respective communication domains, and/or noise sources from loads or other devices in commercial and industrial settings. The filter must be protected by a 250A or smaller OCPD. When installing a power line filter in an IQ System, the IQ Micros and the IQ Commercial Envoy must ALL be located on the load side of the filter. A 250A limit of the filter limits the communication domain to 72kW AC at 208Y/120V. Do not cross filtered Load and Line connected conductors or run them in the same conduit, this would defeat the purpose of line filtering. Also, do not run filtered Load conductors from more than one IQ Commercial Envoy communication domain in the same conduit or cable tray.

For communication domains larger than this, use an isolation transformer to filter the communication domain.

Q-LCF-250-3P Line Communication Filter Mechanical Dimension



Q-LCF-250-3P Line Communication Filter Installation Recommendation

