

INDUSTRIAL SEISMIC PACKAGES



INDUSTRY STANDARDS

UL 508A Listed 508; Type 12; File Number E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File Number 42186; Type 12
IEC 60529, IP55

Telcordia Technologies' Earthquake Environment Criteria GR-63-CORE
Zone-4 Capable with panel-load of 1,000 lbs (454 kg)

APPLICATION

PROLINE G2 Seismic Industrial Packages are fully-configured solutions capable of withstanding Zone 4 seismic activity with a panel load of 1,000 lbs (454 kg), with no degradation to structural integrity or functional performance. For convenience, a single part number includes a frame, solid single door, key-locking handle, solid top, solid rear cover, solid side covers, full mounting subpanel, gland plate, 100-mm fully-sealed base, lifting eyes, and a number of other structural components.

Note: for specific application questions consult the factory.

FEATURES

- Roll-formed steel frame with welded steel corners and hybrid frame profile for superior performance under load
- Seismically capable components/accessories highlighted in SPECIFICATIONS below

SPECIFICATIONS

Frame

- 12-gauge (2.5 mm) roll-formed steel with fully welded corners
- Accommodate the 25-mm DIN standard, and include rectangular and round hole pattern

Gasket

- Seamless Polyurethane gasket provides a water-tight, dust-tight seal against moisture and contaminants
- UL component recognized, CSA compliant
- Sealed mounting for all external components

Doors

- Door bar system and two grounding studs
- Gussets at top and bottom of door to increase rigidity
- Single door includes robust 3-point latch system to maintain door closure during seismic activity
- Single door left-hinged standard (reversible)
- Key-locking Flush Swing Handle standard

Base

- Galvanized Duro-Stand gland plate included
- 100-mm Fully-Sealed Base with seismic mounting into frame's welded steel corners
- Seismic Floor Mounting Brackets supplied loose for affixing enclosure to floor

Mounting Subpanel

- Painted full subpanel fully recessed in rear-most mounting position: only front half of EZ-Load Glide Blocks supplied due to subpanel position
- Top and bottom panel brackets, panel support brackets (side), and panel wedges to secure a populated subpanel are incorporated in the design

Additional Components

- Gussets mounted to the frame's door opening at the top and bottom
- Painted partial subpanels at top and bottom of frame's sides, unique seismic design
- Depth-mounted 3-row Grid Strap at mid-point of frame
- Solid Side Covers included

ACCESSORIES

- Cable Entry Gland Plate
- Grid Straps to form internal grid network/rail system

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Standard Product

Catalog Number	AxBxC in./mm	H mm/in.	W mm/in.	D mm/in.	Max. Subpanel H x W mm/in.
P2K1888S	70.94 x 31.80 x 31.69 1802 x 808 x 805	1800 70.9	800 31.5	800 31.5	1706 x 728 67.2 x 28.7
P2K18108S	70.94 x 39.67 x 31.69 1802 x 1008 x 805	1800 70.9	1000 39.4	800 31.5	1706 x 928 67.2 x 36.5
P2K2088S	78.82 x 31.80 x 31.69 2002 x 808 x 805	2000 78.7	800 31.5	800 31.5	1906 x 728 75.0 x 28.7
P2K20108S	78.82 x 39.67 x 31.69 2002 x 1008 x 805	2000 78.7	1000 39.4	800 31.5	1906 x 928 75.0 x 36.5

HxWxD are nominal height, width and depth dimensions.

