

DISCONNECT FRAMES



APPLICATION

ProLine G2 Disconnect Frames can be used with ProLine G2 Disconnect Doors and Disconnect components to configure a custom Disconnect Enclosure Solution from standard modular enclosure components.

FEATURES

- Required for disconnect enclosure greater than 1000 mm wide
- Includes two removable center uprights (front and rear) which are offset 100 mm from the center of the frame
- Superior performance under load: 12 gauge (2.5 mm) roll-formed steel frame

SPECIFICATIONS

- Welded corners with steel corner blocks
- 12 gauge, roll-formed steel frame sections
- Hybrid frame profile
- Flange trough collar on door and side openings deflect dust and debris away from the enclosure interior
- Integral frame channels support the full weight of the mounting subpanel
- Accommodates 25-mm DIN standard; rectangular frame holes designed for BV-M6 fastener or metric cage nut fasteners; round frame holes accommodate M5 self-tapping screws and allow numerous grounding locations using M5 thread-forming screws

FINISH

- Polyester powder paint; RAL 7035 textured light gray standard
- Custom colors available

ACCESSORIES

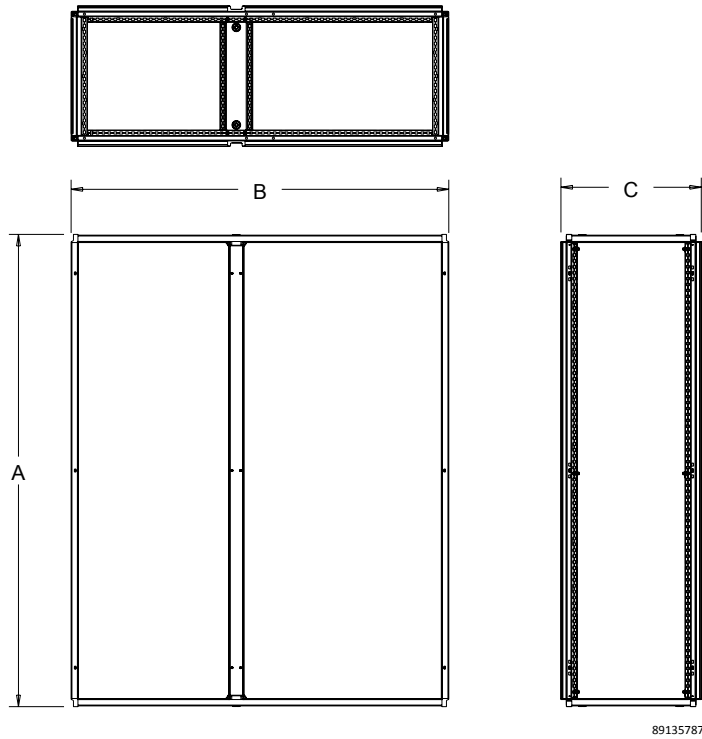
- Disconnect Doors
- Disconnect Components
- Barrier Panel
- Side Cover
- Lifting Eyes
- Frame Joining Kits
- Fastener Packages
- Full Subpanel (Rear or Side)
- Partial Subpanel and Side-Mount Panel
- Panel Support Bracket
- Grid Strap Network (Rail System)

BULLETIN: P40

Standard Product

Catalog Number	AxBxC mm	AxBxC in.	HxWxD (mm)	Maximum Subpanel Size (mm)	Maximum Subpanel Size (in.)	Maximum Rack Mount Units
P2FD16124	1599 x 1199 x 394	62.95 x 47.20 x 15.51	1600x1200x400	1506x1128	59.3x44.4	33
P2FD16126	1599 x 1199 x 594	62.95 x 47.20 x 23.39	1600x1200x600	1506x1128	59.3x44.4	33
P2FD16164	1599 x 1599 x 394	62.95 x 62.95 x 15.51	1600x1600x400	1506x1528	59.3x60.2	33
P2FD16166	1599 x 1599 x 594	62.95 x 62.95 x 23.39	1600x1600x600	1506x1528	59.3x60.2	33
P2FD18124	1799 x 1199 x 394	70.83 x 47.20 x 15.51	1800x1200x400	1706x1128	67.2x44.4	38
P2FD18126	1799 x 1199 x 594	70.83 x 47.20 x 23.39	1800x1200x600	1706x1128	67.2x44.4	38
P2FD18164	1799 x 1599 x 394	70.83 x 62.95 x 15.51	1800x1600x400	1706x1528	67.2x60.2	38
P2FD18166	1799 x 1599 x 594	70.83 x 62.95 x 23.39	1800x1600x600	1706x1528	67.2x60.2	38
P2FD18184	1799 x 1799 x 394	70.83 x 70.83 x 15.51	1800x1800x400	1706x1728	67.2x68.0	38
P2FD18186	1799 x 1799 x 594	70.83 x 70.83 x 23.39	1800x1800x600	1706x1728	67.2x68.0	38
P2FD20124	1999 x 1199 x 394	78.70 x 47.20 x 15.51	2000x1200x400	1906x1128	75.0x44.4	42
P2FD20126	1999 x 1199 x 594	78.70 x 47.20 x 23.39	2000x1200x600	1906x1128	75.0x44.4	42
P2FD20164	1999 x 1599 x 394	78.70 x 62.95 x 15.51	2000x1600x400	1906x1528	75.0x60.2	42
P2FD20166	1999 x 1599 x 594	78.70 x 62.95 x 23.39	2000x1600x600	1906x1528	75.0x60.2	42
P2FD20184	1999 x 1799 x 394	78.70 x 70.83 x 15.51	2000x1800x400	1906x1728	75.0x68.0	42
P2FD20186	1999 x 1799 x 594	78.70 x 70.83 x 23.39	2000x1800x600	1906x1728	75.0x68.0	42
P2FD22124	2199 x 1199 x 394	86.57 x 47.20 x 15.51	2200x1200x400	2106x1128	82.9x44.4	47
P2FD22126	2199 x 1199 x 594	86.57 x 47.20 x 23.39	2200x1200x600	2106x1128	82.9x44.4	47
P2FD22164	2199 x 1599 x 394	86.57 x 62.95 x 15.51	2200x1600x400	2106x1528	82.9x60.2	47
P2FD22166	2199 x 1599 x 594	86.57 x 62.95 x 23.39	2200x1600x600	2106x1528	82.9x60.2	47
P2FD22184	2199 x 1799 x 394	86.57 x 70.83 x 15.51	2200x1800x400	2106x1728	82.9x68.0	47
P2FD22186	2199 x 1799 x 594	86.57 x 70.83 x 23.39	2200x1800x600	2106x1728	82.9x68.0	47

HxWxD are nominal height, width and depth dimensions.



Model	Component	Type	Height	Width	Depth	Specialty	Catalog Number
P2	F	D	20	18	6	Blank	= P2FD20186
PROLINE G2	Frame	Blank = standard D = disconnect	mm 22 = 2200 20 = 2000 18 = 1800 16 = 1600	mm 18 = 1800 16 = 1600 12 = 1200	mm 6 = 600 4 = 400	Blank = standard	

NOTE: Not every combination is available as a standard product.

DISCONNECT DOORS



APPLICATION

ProLine G2 Disconnect Doors include a hinged mullion with a cutout which accommodates a wide variety of flange-mount disconnect devices, and an interlock system from the enclosure doors to the disconnect mullion. A hinged disconnect mullion provides unobstructed access to the interior and maximum access to the Full Mounting Subpanel (Mounting Plate).

FEATURES

- Interlock from enclosure doors to mullion
- Includes a hinged mullion with a cutout, which accommodates a wide variety of flange-mount disconnect devices
- Standard options: right standard cutout, right large cutout, left standard cutout
- Mullion is opened via two quarter-turn cams

SPECIFICATIONS

- Integrated interlock system from the doors to the disconnect mullion
- Interlock must be defeated to unlock either door
- The primary door must be in the open position to open the secondary door
- The primary door must be in the open position to open mullion
- Right-hand disconnects have the mullion on the right; left-hand disconnects have the mullion on the left
- Doors swing to the left for right-hand disconnects; doors swing to the right for left-hand disconnects
- Two-door disconnect packages (if used) have a center mullion, and both doors swing in the same direction (not overlapping)
- A low profile flush swing handle with key lock (other options available) operates an internal 3-point latch system on the door
- Door bar system on all doors (not on disconnect mullion)
- Doors are 14 gauge (1.65 mm), mild steel with Smooth Glide Latching system for a solid seal with a low closure force
- Two grounding studs on each door
- The disconnect mullion and doors include 140-degree hinges and are gasketed to maintain enclosure integrity
- Seamless polyurethane gasket (UL component recognized, CSA compliant) provides a water-tight, dust-tight seal against moisture and contaminants
- Removable door bars on doors (not on mullion)
- Standard right or left cutouts will accept the following types of flange-mounted disconnect devices:
 - Allen-Bradley (Bulletin 1494V disconnect switches with flange-mounted, variable-depth operating mechanisms, Bulletin

- 1494V flange-mounted variable-depth operating mechanisms for circuit breakers and 140U flexible cable operating mechanisms for 140U molded case circuit breakers)
- ABB Controls (Disconnect switches up to 200 amp and operators for ABB circuit breakers up to 800 amp)
- Eaton Cutler-Hammer (variable-depth disconnect switches up to 200 amp, operators for circuit breakers up to 600 amp, and FLEX SHAFT® handle mechanisms for circuit breakers)
- General Electric (Type TDA variable-depth mechanisms for disconnect switches up to 200 amp, and operator mechanisms or SPECTRA FLEX® cable operator for circuit breakers up to 600 amp)
- Siemens ITE (MAX-FLEX flange-mounted, variable-depth operating handle for disconnect switches and circuit breakers as well as some fixed-depth operators for disconnect switches Schneider Square D (Class 9422 disconnect switches =200 amp with variable-depth or cable mechanisms for 30, 60 or 100 amp, and circuit breakers with variable-depth operators or cable mechanisms up to 400 amp)
- Right large cutout with a larger cutout for use with the following higher amp disconnect switches:
 - Allen-Bradley 1494V-H2 handle used with 400 amp or 600 amp Allen-Bradley disconnect switches
 - Siemens ITE MAX-FLEX FHOHN handle used with MD 800 amp, ND (1200amp), PD (1600 amp) and RD (2000 amp)

FINISH

- Polyester powder paint; RAL 7035 textured light gray standard
- Custom colors available

ACCESSORIES

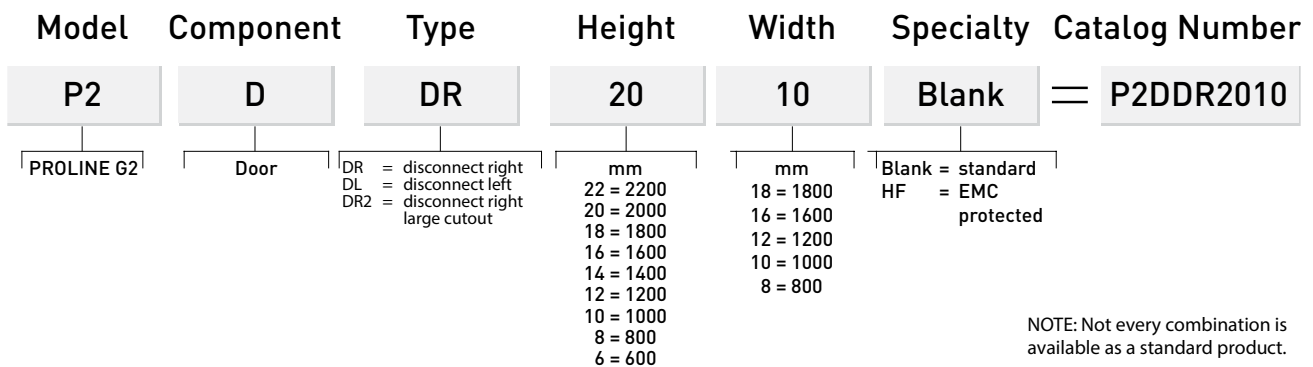
- ProLine Grounding Kit
- Door Stop Kit
- 180-Degree Hinge Kit
- Side Door Adapter
- Steel Data Pocket
- Thermoplastic Data Pocket
- Door Bar Grid Straps
- Door Support Roller Kit

BULLETIN: P40

Standard Product

Catalog Number	Fits Frame HxW (mm)	Height (mm)	Height (in.)	Width (mm)	Width (in.)	No. of Doors	Type	Cut-out
P2DDR168	1600x800	1583	62.3	798	31.4	1	Right Mullion	Standard
P2DDL168	1600x800	1583	62.3	798	31.4	1	Left Mullion	Standard
P2DDR168	1600x800	1583	62.3	798	31.4	1	Right Mullion	Large
P2DDR1610	1600x1000	1583	62.3	998	39.3	1	Right Mullion	Standard
P2DDL1610	1600x1000	1583	62.3	998	39.3	1	Left Mullion	Standard
P2DDR1610	1600x1000	1583	62.3	998	39.3	1	Right Mullion	Large
P2DDR1612	1600x1200	1583	62.3	1198	47.2	2	Right Mullion	Standard
P2DDL1612	1600x1200	1583	62.3	1198	47.2	2	Left Mullion	Standard
P2DDR1612	1600x1200	1583	62.3	1198	47.2	2	Right Mullion	Large
P2DDR1616	1600x1600	1583	62.3	1598	62.9	2	Right Mullion	Standard
P2DDL1616	1600x1600	1583	62.3	1598	62.9	2	Left Mullion	Standard
P2DDR1616	1600x1600	1583	62.3	1598	62.9	2	Right Mullion	Large
P2DDR188	1800x800	1783	70.2	798	31.4	1	Right Mullion	Standard
P2DDL188	1800x800	1783	70.2	798	31.4	1	Left Mullion	Standard
P2DDR188	1800x800	1783	70.2	798	31.4	1	Right Mullion	Large
P2DDR1810	1800x1000	1783	70.2	998	39.3	1	Right Mullion	Standard
P2DDL1810	1800x1000	1783	70.2	998	39.3	1	Left Mullion	Standard
P2DDR1810	1800x1000	1783	70.2	998	39.3	1	Right Mullion	Large
P2DDR1812	1800x1200	1783	70.2	1198	47.2	2	Right Mullion	Standard
P2DDL1812	1800x1200	1783	70.2	1198	47.2	2	Left Mullion	Standard
P2DDR1812	1800x1200	1783	70.2	1198	47.2	2	Right Mullion	Large
P2DDR1816	1800x1600	1783	70.2	1598	62.9	2	Right Mullion	Standard
P2DDL1816	1800x1600	1783	70.2	1598	62.9	2	Left Mullion	Standard
P2DDR1816	1800x1600	1783	70.2	1598	62.9	2	Right Mullion	Large
P2DDR1818	1800x1800	1783	70.2	1798	70.8	2	Right Mullion	Standard
P2DDL1818	1800x1800	1783	70.2	1798	70.8	2	Left Mullion	Standard
P2DDR1818	1800x1800	1783	70.2	1798	70.8	2	Right Mullion	Large
P2DDR208	2000x800	1983	78.1	798	31.4	1	Right Mullion	Standard
P2DDL208	2000x800	1983	78.1	798	31.4	1	Left Mullion	Standard
P2DDR208	2000x800	1983	78.1	798	31.4	1	Right Mullion	Large
P2DDR2010	2000x1000	1983	78.1	998	39.3	1	Right Mullion	Standard
P2DDL2010	2000x1000	1983	78.1	998	39.3	1	Left Mullion	Standard
P2DDR2010	2000x1000	1983	78.1	998	39.3	1	Right Mullion	Large
P2DDR2012	2000x1200	1983	78.1	1198	47.2	2	Right Mullion	Standard
P2DDL2012	2000x1200	1983	78.1	1198	47.2	2	Left Mullion	Standard
P2DDR2012	2000x1200	1983	78.1	1198	47.2	2	Right Mullion	Large
P2DDR2016	2000x1600	1983	78.1	1598	62.9	2	Right Mullion	Standard
P2DDL2016	2000x1600	1983	78.1	1598	62.9	2	Left Mullion	Standard
P2DDR2016	2000x1600	1983	78.1	1598	62.9	2	Right Mullion	Large
P2DDR2018	2000x1800	1983	78.1	1798	70.8	2	Right Mullion	Standard
P2DDL2018	2000x1800	1983	78.1	1798	70.8	2	Left Mullion	Standard
P2DDR2018	2000x1800	1983	78.1	1798	70.8	2	Right Mullion	Large
P2DDR228	2200x800	2183	85.9	798	31.4	1	Right Mullion	Standard
P2DDL228	2200x800	2183	85.9	798	31.4	1	Left Mullion	Standard
P2DDR228	2200x800	2183	85.9	798	31.4	1	Right Mullion	Large
P2DDR2210	2200x1000	2183	85.9	998	39.3	1	Right Mullion	Standard
P2DDL2210	2200x1000	2183	85.9	998	39.3	1	Left Mullion	Standard
P2DDR2210	2200x1000	2183	85.9	998	39.3	1	Right Mullion	Large
P2DDR2212	2200x1200	2183	85.9	1198	47.2	2	Right Mullion	Standard
P2DDL2212	2200x1200	2183	85.9	1198	47.2	2	Left Mullion	Standard
P2DDR2212	2200x1200	2183	85.9	1198	47.2	2	Right Mullion	Large
P2DDR2216	2200x1600	2183	85.9	1598	62.9	2	Right Mullion	Standard
P2DDL2216	2200x1600	2183	85.9	1598	62.9	2	Left Mullion	Standard
P2DDR2216	2200x1600	2183	85.9	1598	62.9	2	Right Mullion	Large
P2DDR2218	2200x1800	2183	85.9	1798	70.8	2	Right Mullion	Standard
P2DDL2218	2200x1800	2183	85.9	1798	70.8	2	Left Mullion	Standard
P2DDR2218	2200x1800	2183	85.9	1798	70.8	2	Right Mullion	Large

HxW dimensions are in mm.



NOTE: Not every combination is available as a standard product.