

ProLine G2 Disconnect Door



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

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 have 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

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-FLE X 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 MA X-FLE X FHOHN handle used with MD 800 amp, ND (1200amp), PD (1600 amp) and RD (2000 amp)

Seamless polyurethane gasket (UL component recognized, CSA compliant) provides a water-tight, dust-tight seal against moisture and contaminants

SPECIFICATIONS

Thickness: 1.9mm
Color: Light Gray
Finish: Powder Coated
Color Code: RAL 7035

Table 1/1

Catalog Number	Article Number	Width	Material	Height	Door Quantity	Type
P2DDRL228	31464	797mm	Mild Steel	2183mm	1	Right Mullion
P2DDL1610	31394	998mm	Mild Steel	1583mm	1	Left Mullion
P2DDL168	31397	797mm	Mild Steel	1583mm	1	Left Mullion
P2DDL1810	31398	998mm	Mild Steel	1783mm	1	Left Mullion
P2DDL188	31404	797mm	Mild Steel	1783mm	1	Left Mullion
P2DDL2010	31405	998mm	Mild Steel	1983mm	1	Left Mullion
P2DDL208	31411	797mm	Mild Steel	1983mm	1	Left Mullion
P2DDL2210	31412	998mm	Mild Steel	2183mm	1	Left Mullion
P2DDL228	31416	797mm	Mild Steel	2183mm	1	Left Mullion
P2DDR1610	31417	998mm	Mild Steel	1583mm	1	Right Mullion
P2DDR168	31422	797mm	Mild Steel	1583mm	1	Right Mullion
P2DDR1810	31423	998mm	Mild Steel	1783mm	1	Right Mullion
P2DDR188	31427	797mm	Mild Steel	1783mm	1	Right Mullion
P2DDR2010	31428	998mm	Mild Steel	1983mm	1	Right Mullion
P2DDR208	31434	797mm	Mild Steel	1983mm	1	Right Mullion
P2DDR2210	31435	998mm	Mild Steel	2183mm	1	Right Mullion

Catalog Number	Article Number	Width	Material	Height	Door Quantity	Type
P2DDR228	31441	797mm	Mild Steel	2183mm	1	Right Mullion
P2DDRL1610	31442	998mm	Mild Steel	1583mm	1	Right Mullion
P2DDRL168	31445	797mm	Mild Steel	1583mm	1	Right Mullion
P2DDRL1810	31446	998mm	Mild Steel	1783mm	1	Right Mullion
P2DDRL188	31452	797mm	Mild Steel	1783mm	1	Right Mullion
P2DDRL2010	31453	998mm	Mild Steel	1983mm	1	Right Mullion
P2DDRL208	31457	797mm	Mild Steel	1983mm	1	Right Mullion
P2DDRL2210	31458	998mm	Mild Steel	2183mm	1	Right Mullion
P2DDL1612	31395	1198mm	Mild Steel	1583mm	2	Left Mullion
P2DDL1616	31396	1597mm	Mild Steel	1583mm	2	Left Mullion
P2DDL1812	31401	1198mm	Mild Steel	1783mm	2	Left Mullion
P2DDL1816	31402	1597mm	Mild Steel	1783mm	2	Left Mullion
P2DDL1818	31403	1798mm	Mild Steel	1783mm	2	Left Mullion
P2DDL2012	31406	1198mm	Mild Steel	1983mm	2	Left Mullion
P2DDL2016	31407	1597mm	Mild Steel	1983mm	2	Left Mullion
P2DDL2018	31408	1798mm	Mild Steel	1983mm	2	Left Mullion
P2DDL2212	31413	1198mm	Mild Steel	2183mm	2	Left Mullion
P2DDL2216	31414	1597mm	Mild Steel	2183mm	2	Left Mullion
P2DDL2218	31415	1798mm	Mild Steel	2183mm	2	Left Mullion
P2DDR1612	31418	1198mm	Mild Steel	1583mm	2	Right Mullion

Catalog Number	Article Number	Width	Material	Height	Door Quantity	Type
P2DDR1616	31421	1597mm	Mild Steel	1583mm	2	Right Mullion
P2DDR1812	31424	1198mm	Mild Steel	1783mm	2	Right Mullion
P2DDR1816	31425	1597mm	Mild Steel	1783mm	2	Right Mullion
P2DDR1818	31426	1798mm	Mild Steel	1783mm	2	Right Mullion
P2DDR2012	31431	1198mm	Mild Steel	1983mm	2	Right Mullion
P2DDR2016	31432	1597mm	Mild Steel	1983mm	2	Right Mullion
P2DDR2018	31433	1798mm	Mild Steel	1983mm	2	Right Mullion
P2DDR2212	31436	1198mm	Mild Steel	2183mm	2	Right Mullion
P2DDR2216	31437	1597mm	Mild Steel	2183mm	2	Right Mullion
P2DDR2218	31438	1798mm	Mild Steel	2183mm	2	Right Mullion
P2DDRL1612	31443	1198mm	Mild Steel	1583mm	2	Right Mullion
P2DDRL1616	31444	1597mm	Mild Steel	1583mm	2	Right Mullion
P2DDRL1812	31447	1198mm	Mild Steel	1783mm	2	Right Mullion
P2DDRL1816	31448	1597mm	Mild Steel	1783mm	2	Right Mullion
P2DDRL1818	31451	1798mm	Mild Steel	1783mm	2	Right Mullion
P2DDRL2012	31454	1198mm	Mild Steel	1983mm	2	Right Mullion
P2DDRL2016	31455	1597mm	Mild Steel	1983mm	2	Right Mullion
P2DDRL2018	31456	1798mm	Mild Steel	1983mm	2	Right Mullion
P2DDRL2212	31461	1198mm	Mild Steel	2183mm	2	Right Mullion
P2DDRL2216	31462	1597mm	Mild Steel	2183mm	2	Right Mullion

Catalog Number	Article Number	Width	Material	Height	Door Quantity	Type
P2DDRL2218	31463	1798mm	Mild Steel	2183mm	2	Right Mullion

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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