

DISCONNECT PACKAGES, TYPE 12



INDUSTRY STANDARDS

UL 508A Listed; Type 12; File Number E61997

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

APPLICATION

ProLine G2 Disconnect Packages are full-featured, ready-to-use enclosures which make it easy to create flange-mount disconnect solutions using major brand disconnect switches and circuit breakers. A hinged disconnect mullion provides unobstructed access to the interior and maximum access to the Full Mounting Subpanel (Mounting Plate). A flush swing handle with defeater operates an internal 3-point latch system on the disconnect door and latches to the disconnect mullion. Interlocking is provided from the primary door to the disconnect mullion. Side covers are included with ProLine G2 Disconnect Packages.

FEATURES

- Hinged mullion with standard cutout (for flange-mount disconnect)
- Interlock from master door to mullion
- Left and right disconnect standard options
- Side covers included in package

SPECIFICATIONS

Disconnect Frame

- Disconnect Frames greater than 1000 mm wide include two removable center uprights (front and rear) which are offset 100 mm from the center of the frame
- 12 gauge (2.5 mm) roll formed steel frame, fully welded corners, hybrid profile
- Accommodate the 25-mm DIN standard and include rectangular and round holes

Disconnect Doors

- Includes a hinged mullion with a standard cutout which accommodates a wide variety of flange-mount disconnect devices
- Mullion is opened via two quarter-turn cams
- 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)

Mechanical Interlock

- 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 the mullion

Gasket

- Seamless polyurethane gasket provides a watertight, dust-tight seal against moisture and contaminants
- UL component recognized, CSA compliant
- Sealed mounting for all external accessories

Mounting subpanel

- Includes EZ-Load Glide Blocks, which accommodate five loading options: vertical front, vertical side, vertical rear, horizontal front (frame over subpanel), horizontal rear (subpanel lowered into frame)
- Subpanel is securely fastened to the top and bottom of the frame. Enclosures less than 1200 mm wide use 4 sets of EZ-Load Glide Blocks. Enclosures 1200 mm wide or greater use 8 sets of glide blocks for a well secured subpanel.

- Depth adjustable, accommodates back-to-back subpanels
- Galvanized full subpanel default; painted subpanel available

System

- Can be bayed to a Proline G2 Industrial Package, however a Proline G2 Barrier Panel (not included) must be used between the Disconnect Package and the Industrial Package to maintain disconnect integrity
- The disconnect mullion and disconnect door include 140-degree hinges and are gasketed to maintain enclosure integrity.
- Standard right- or left-hand provision will accept the following types of flange-mounted disconnect devices:
 - Allen-Bradley (Bulletin 1494V - disconnect switches with flange-mounted, variable-depth operating mechanisms and Bulletin 1494V flange-mounted variable-depth operating mechanisms for 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 up to 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)

Note: There are Proline G2 Disconnect Door options with a larger cutout for use with higher amp disconnect switches.

FINISH

- Frame, Doors, Tops, Covers - polyester powder paint; RAL 7035 textured light gray standard; custom colors available
- Mounting Subpanel - galvanized steel
- Gland Plate - galvanized steel

ACCESSORIES

- Barrier Panel
- Grid Strap Network (Rail System)
- Partial Subpanel and Side-Mount Panel
- Frame Joining Kits
- Flush Swing Handles
- PROLINE Grounding Kit

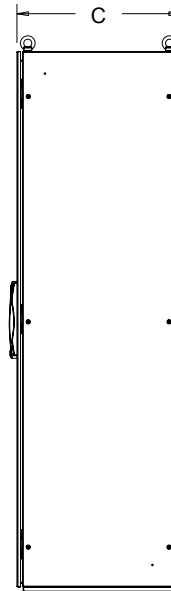
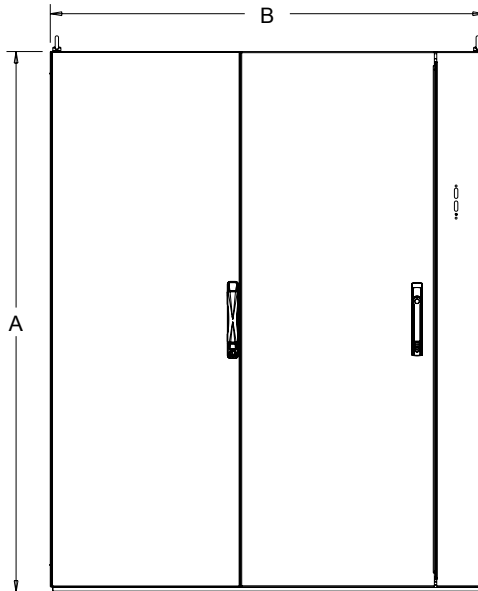
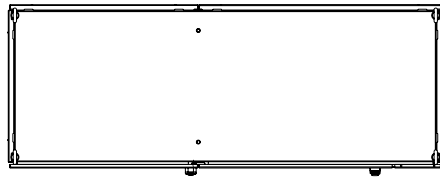
BULLETIN: P41

Standard Product

Catalog Number	AxBxC mm	AxBxC in.	H (mm)	H (in.)	W (mm)	W (in.)	D (mm)	D (in.)	Maximum Subpanel HxW (mm)	Maximum Subpanel HxW (in.)	No. of Doors	Max. Rack Mount Units	Type
P2KDL1684	1602 x 808 x 405	63.07 x 31.80 x 15.94	1600	63.0	800	31.5	400	15.7	1506x728	59.3x28.7	1	33	Left Mullion
P2KDR1684	1602 x 808 x 405	63.07 x 31.80 x 15.94	1600	63.0	800	31.5	400	15.7	1506x728	59.3x28.7	1	33	Right Mullion
P2KDL1685	1602 x 808 x 505	63.07 x 31.81 x 19.88	1600	63.0	800	31.5	500	19.7	1506x728	59.3x28.7	1	33	Left Mullion
P2KDR1685	1602 x 808 x 505	63.07 x 31.81 x 19.88	1600	63.0	800	31.5	500	19.7	1506x728	59.3x28.7	1	33	Right Mullion
P2KDL1686	1602 x 808 x 605	63.07 x 31.80 x 23.82	1600	63.0	800	31.5	600	23.6	1506x728	59.3x28.7	1	33	Left Mullion
P2KDR1686	1602 x 808 x 605	63.07 x 31.80 x 23.82	1600	63.0	800	31.5	600	23.6	1506x728	59.3x28.7	1	33	Right Mullion
P2KDL16104	1602 x 1008 x 405	63.07 x 39.67 x 15.94	1600	63.0	1000	39.4	400	15.7	1506x928	59.3x36.5	2	33	Left Mullion
P2KDR16104	1602 x 1008 x 405	63.07 x 39.67 x 15.94	1600	63.0	1000	39.4	400	15.7	1506x928	59.3x36.5	2	33	Right Mullion
P2KDL16106	1602 x 1008 x 605	63.07 x 39.67 x 23.82	1600	63.0	1000	39.4	600	23.6	1506x928	59.3x36.5	2	33	Left Mullion
P2KDR16106	1602 x 1008 x 605	63.07 x 39.67 x 23.82	1600	63.0	1000	39.4	600	23.6	1506x928	59.3x36.5	2	33	Right Mullion
P2KDL16124	1602 x 1208 x 405	63.07 x 47.54 x 15.94	1600	63.0	1200	47.2	400	15.7	1506x1128	59.3x44.4	2	33	Left Mullion
P2KDR16124	1602 x 1208 x 405	63.07 x 47.54 x 15.94	1600	63.0	1200	47.2	400	15.7	1506x1128	59.3x44.4	2	33	Right Mullion
P2KDL16125	1602 x 1208 x 505	63.07 x 47.56 x 19.88	1600	63.0	1200	47.2	500	19.7	1506x1128	59.3x44.4	2	33	Left Mullion
P2KDR16125	1602 x 1208 x 505	63.07 x 47.56 x 19.88	1600	63.0	1200	47.2	500	19.7	1506x1128	59.3x44.4	2	33	Right Mullion
P2KDL16126	1602 x 1208 x 605	63.07 x 47.54 x 23.82	1600	63.0	1200	47.2	600	23.6	1506x1128	59.3x44.4	2	33	Left Mullion
P2KDR16126	1602 x 1208 x 605	63.07 x 47.54 x 23.82	1600	63.0	1200	47.2	600	23.6	1506x1128	59.3x44.4	2	33	Right Mullion
P2KDL16164	1602 x 1608 x 405	63.07 x 63.29 x 15.94	1600	63.0	1600	63.0	400	15.7	1506x1528	59.3x60.2	2	33	Left Mullion
P2KDR16164	1602 x 1608 x 405	63.07 x 63.29 x 15.94	1600	63.0	1600	63.0	400	15.7	1506x1528	59.3x60.2	2	33	Right Mullion
P2KDL16165	1602 x 1608 x 505	63.07 x 63.31 x 19.88	1600	63.0	1600	63.0	500	19.7	1506x1528	59.3x60.2	2	33	Left Mullion
P2KDR16165	1602 x 1608 x 505	63.07 x 63.31 x 19.88	1600	63.0	1600	63.0	500	19.7	1506x1528	59.3x60.2	2	33	Right Mullion
P2KDL16166	1602 x 1608 x 605	63.07 x 63.29 x 23.82	1600	63.0	1600	63.0	600	23.6	1506x1528	59.3x60.2	2	33	Left Mullion
P2KDR16166	1602 x 1608 x 605	63.07 x 63.29 x 23.82	1600	63.0	1600	63.0	600	23.6	1506x1528	59.3x60.2	2	33	Right Mullion
P2KDL1885	1802 x 808 x 505	70.94 x 31.80 x 19.88	1800	70.9	800	31.5	500	19.7	1706x728	67.2x28.7	1	38	Left Mullion
P2KDR1885	1802 x 808 x 505	70.94 x 31.80 x 19.88	1800	70.9	800	31.5	500	19.7	1706x728	67.2x28.7	1	38	Right Mullion
P2KDL1886	1802 x 808 x 605	70.94 x 31.80 x 23.82	1800	70.9	800	31.5	600	23.6	1706x728	67.2x28.7	1	38	Left Mullion
P2KDR1886	1802 x 808 x 605	70.94 x 31.80 x 23.82	1800	70.9	800	31.5	600	23.6	1706x728	67.2x28.7	1	38	Right Mullion
P2KDL18105	1802 x 1008 x 505	70.94 x 39.67 x 19.88	1800	70.9	1000	39.4	500	19.7	1706x928	67.2x36.5	1	38	Left Mullion
P2KDR18105	1802 x 1008 x 505	70.94 x 39.67 x 19.88	1800	70.9	1000	39.4	500	19.7	1706x928	67.2x36.5	1	38	Right Mullion
P2KDL18106	1802 x 1008 x 605	70.94 x 39.67 x 23.82	1800	70.9	1000	39.4	600	23.6	1706x928	67.2x36.5	1	38	Left Mullion
P2KDR18106	1802 x 1008 x 605	70.94 x 39.67 x 23.82	1800	70.9	1000	39.4	600	23.6	1706x928	67.2x36.5	1	38	Right Mullion
P2KDL18124	1802 x 1208 x 405	70.94 x 47.54 x 15.94	1800	70.9	1200	47.2	400	15.7	1706x1128	67.2x44.4	2	38	Left Mullion
P2KDR18124	1802 x 1208 x 405	70.94 x 47.54 x 15.94	1800	70.9	1200	47.2	400	15.7	1706x1128	67.2x44.4	2	38	Right Mullion
P2KDL18125	1802 x 1208 x 505	70.94 x 47.56 x 19.88	1800	70.9	1200	47.2	500	19.7	1706x1128	67.2x44.4	2	38	Left Mullion
P2KDR18125	1802 x 1208 x 505	70.94 x 47.56 x 19.88	1800	70.9	1200	47.2	500	19.7	1706x1128	67.2x44.4	2	38	Right Mullion
P2KDL18126	1802 x 1208 x 605	70.94 x 47.54 x 23.82	1800	70.9	1200	47.2	600	23.6	1706x1128	67.2x44.4	2	38	Left Mullion
P2KDR18126	1802 x 1208 x 605	70.94 x 47.54 x 23.82	1800	70.9	1200	47.2	600	23.6	1706x1128	67.2x44.4	2	38	Right Mullion
P2KDL18164	1802 x 1608 x 405	70.94 x 63.29 x 15.94	1800	70.9	1600	63.0	400	15.7	1706x1528	67.2x60.2	2	38	Left Mullion
P2KDR18164	1802 x 1608 x 405	70.94 x 63.29 x 15.94	1800	70.9	1600	63.0	400	15.7	1706x1528	67.2x60.2	2	38	Right Mullion
P2KDL18165	1802 x 1608 x 505	70.94 x 63.31 x 19.88	1800	70.9	1600	63.0	500	19.7	1706x1528	67.2x60.2	2	38	Left Mullion
P2KDR18165	1802 x 1608 x 505	70.94 x 63.31 x 19.88	1800	70.9	1600	63.0	500	19.7	1706x1528	67.2x60.2	2	38	Right Mullion
P2KDL18166	1802 x 1608 x 605	70.94 x 63.29 x 23.82	1800	70.9	1600	63.0	600	23.6	1706x1528	67.2x60.2	2	38	Left Mullion
P2KDR18166	1802 x 1608 x 605	70.94 x 63.29 x 23.82	1800	70.9	1600	63.0	600	23.6	1706x1528	67.2x60.2	2	38	Right Mullion
P2KDL18184	1802 x 1808 x 405	70.94 x 71.17 x 15.94	1800	70.9	1800	70.9	400	15.7	1706x1728	67.2x68	2	38	Left Mullion
P2KDR18184	1802 x 1808 x 405	70.94 x 71.17 x 15.94	1800	70.9	1800	70.9	400	15.7	1706x1728	67.2x68	2	38	Right Mullion
P2KDL18185	1802 x 1808 x 505	70.94 x 71.18 x 19.88	1800	70.9	1800	70.9	500	19.7	1706x1728	67.2x68	2	38	Left Mullion
P2KDR18185	1802 x 1808 x 505	70.94 x 71.18 x 19.88	1800	70.9	1800	70.9	500	19.7	1706x1728	67.2x68	2	38	Right Mullion
P2KDL18186	1802 x 1808 x 605	70.94 x 71.17 x 23.82	1800	70.9	1800	70.9	600	23.6	1706x1728	67.2x68	2	38	Left Mullion
P2KDR18186	1802 x 1808 x 605	70.94 x 71.17 x 23.82	1800	70.9	1800	70.9	600	23.6	1706x1728	67.2x68	2	38	Right Mullion
P2KDL2085	2002 x 808 x 505	78.82 x 31.80 x 19.88	2000	78.7	800	31.5	500	19.7	1906x728	75x28.7	1	42	Left Mullion
P2KDR2085	2002 x 808 x 505	78.82 x 31.80 x 19.88	2000	78.7	800	31.5	500	19.7	1906x728	75x28.7	1	42	Right Mullion
P2KDL2086	2002 x 808 x 605	78.82 x 31.80 x 23.82	2000	78.7	800	31.5	600	23.6	1906x728	75x28.7	1	42	Left Mullion
P2KDR2086	2002 x 808 x 605	78.82 x 31.80 x 23.82	2000	78.7	800	31.5	600	23.6	1906x728	75x28.7	1	42	Right Mullion
P2KDL2088	2002 x 808 x 805	78.80 x 31.80 x 31.70	2000	78.7	800	31.5	800	31.5	1906x728	75x28.7	1	42	Left Mullion
P2KDR2088	2002 x 808 x 805	78.80 x 31.80 x 31.70	2000	78.7	800	31.5	800	31.5	1906x728	75x28.7	1	42	Right Mullion
P2KDL20105	2002 x 1008 x 505	78.82 x 39.67 x 19.88	2000	78.7	1000	39.4	500	19.7	1906x928	75x36.5	1	42	Left Mullion
P2KDR20105	2002 x 1008 x 505	78.82 x 39.67 x 19.88	2000	78.7	1000	39.4	500	19.7	1906x928	75x36.5	1	42	Right Mullion
P2KDL20106	2002 x 1008 x 605	78.82 x 39.67 x 23.82	2000	78.7	1000	39.4	600	23.6	1906x928	75x36.5	1	42	Left Mullion
P2KDR20106	2002 x 1008 x 605	78.82 x 39.67 x 23.82	2000	78.7	1000	39.4	600	23.6	1906x928	75x36.5	1	42	Right Mullion
P2KDL20124	2002 x 1208 x 405	78.82 x 47.54 x 15.94	2000	78.7	1200	47.2	400	15.7	1906x1128	75x44.4	2	42	Left Mullion
P2KDR20124	2002 x 1208 x 405	78.82 x 47.54 x 15.94	2000	78.7	1200	47.2	400	15.7	1906x1128	75x44.4	2	42	Right Mullion
P2KDL20125	2002 x 1208 x 505	78.82 x 47.56 x 19.88	2000	78.7	1200	47.2	500	19.7	1906x1128	75x44.4	2	42	Left Mullion
P2KDR20125	2002 x 1208 x 505	78.82 x 47.56 x 19.88	2000	78.7	1200	47.2	500	19.7	1906x1128	75x44.4	2	42	Right Mullion
P2KDL20126	2002 x 1208 x 605	78.82 x 47.54 x 23.82	2000	78.7	1200	47.2	600	23.6	1906x1128	75x44.4	2	42	Left Mullion
P2KDR20126	2002 x 1208 x 605	78.82 x 47.54 x 23.82	2000	78.7	1200	47.2	600	23.6	1906x1128	75x44.4	2	42	Right Mullion
P2KDL20164	2002 x 1608 x 405	78.82 x 63.29 x 15.94	2000	78.7	1600	63.0	400	15.7	1906x1528	75x60.2	2	42	Left Mullion
P2KDR20164	2002 x 1608 x 405	78.82 x 63.29 x 15.94	2000	78.7	1600	63.0	400	15.7	1906x1528	75x60.2	2	42	Right Mullion
P2KDL20165	2002 x 1608 x 505	78.82 x 63.31 x 19.88	2000	78.7	1600	63.0	500	19.7	1906x1528	75x60.2	2	42	Left Mullion
P2KDR20165	2002 x 1608 x 505	78.82 x 63.31 x 19.88	2000	78.7	1600	63.0	500	19.7	1906x1528	75x60.2	2	42	Right Mullion
P2KDL20166	2002 x 1608 x 605	78.82 x 63.29 x 23.82	2000	78.7	1600	63.0	600	23.6	1906x1528	75x60.2	2	42	Left Mullion
P2KDR20166	2002 x 1608 x 605	78.82 x 63.29 x 23.82	2000	78.7	1600	63.0	600	23.6	1906x1528	75x60.2	2	42	Right Mullion
P2KDL20184	2002 x 1808 x 405	78.82 x 71.17 x 15.94	2000	78.7	1800	70.9	400	15.7	1906x1728	75x68	2	42	Left Mullion
P2KDR20184	2002 x 1808 x 405	78.82 x 71.17 x 15.94	2000	78.7	1800	70.9	400	15.7	1906x1728	75x68	2	42	Right Mullion
P2KDL20185	2002 x 1808 x 505	78.82 x 71.18 x 19.88	2000	78.7	1800	70.9	500	19.7	1906x1728	75x68	2	42	Left Mullion
P2KDR20185	2002 x 1808 x 505	78.82 x 71.18 x 19.88	2000	78.7	1800	70.9	500	19.7	1906x1728	75x68	2	42	Right Mullion
P2KDL20186	2002 x 1808 x 605	78.82 x 71.17 x 23.82	2000	78.7									

Catalog Number	AxBxC mm	AxBxC in.	H (mm)	H (in.)	W (mm)	W (in.)	D (mm)	D (in.)	Maximum Subpanel HxW (mm)	Maximum Subpanel HxW (in.)	No. of Doors	Max. Rack Mount Units	Type
P2KDR22106	2202 x 1008 x 605	86.69 x 39.67 x 23.82	2200	86.6	1000	39.4	600	23.6	2106x928	82.9x36.5	1	47	Right Mullion
P2KDL22124	2202 x 1208 x 405	86.69 x 47.54 x 15.94	2200	86.6	1200	47.2	400	15.7	2106x1128	82.9x44.4	2	47	Left Mullion
P2KDR22124	2202 x 1208 x 405	86.69 x 47.54 x 15.94	2200	86.6	1200	47.2	400	15.7	2106x1128	82.9x44.4	2	47	Right Mullion
P2KDL22125	2202 x 1208 x 505	86.69 x 47.56 x 19.88	2200	86.6	1200	47.2	500	19.7	2106x1128	82.9x44.4	2	47	Left Mullion
P2KDR22125	2202 x 1208 x 505	86.69 x 47.56 x 19.88	2200	86.6	1200	47.2	500	19.7	2106x1128	82.9x44.4	2	47	Right Mullion
P2KDL22126	2202 x 1208 x 605	86.69 x 47.54 x 23.82	2200	86.6	1200	47.2	600	23.6	2106x1128	82.9x44.4	2	47	Left Mullion
P2KDR22126	2202 x 1208 x 605	86.69 x 47.54 x 23.82	2200	86.6	1200	47.2	600	23.6	2106x1128	82.9x44.4	2	47	Right Mullion
P2KDL22164	2202 x 1608 x 405	86.69 x 63.29 x 15.94	2200	86.6	1600	63.0	400	15.7	2106x1528	82.9x60.2	2	47	Left Mullion
P2KDR22164	2202 x 1608 x 405	86.69 x 63.29 x 15.94	2200	86.6	1600	63.0	400	15.7	2106x1528	82.9x60.2	2	47	Right Mullion
P2KDL22165	2202 x 1608 x 505	86.69 x 63.31 x 19.88	2200	86.6	1600	63.0	500	19.7	2106x1528	82.9x60.2	2	47	Left Mullion
P2KDR22165	2202 x 1608 x 505	86.69 x 63.31 x 19.88	2200	86.6	1600	63.0	500	19.7	2106x1528	82.9x60.2	2	47	Right Mullion
P2KDL22166	2202 x 1608 x 605	86.69 x 63.29 x 23.82	2200	86.6	1600	63.0	600	23.6	2106x1528	82.9x60.2	2	47	Left Mullion
P2KDR22166	2202 x 1608 x 605	86.69 x 63.29 x 23.82	2200	86.6	1600	63.0	600	23.6	2106x1528	82.9x60.2	2	47	Right Mullion
P2KDL22184	2202 x 1808 x 405	86.69 x 71.17 x 15.94	2200	86.6	1800	70.9	400	15.7	2106x1728	82.9x68	2	47	Left Mullion
P2KDR22184	2202 x 1808 x 405	86.69 x 71.17 x 15.94	2200	86.6	1800	70.9	400	15.7	2106x1728	82.9x68	2	47	Right Mullion
P2KDL22185	2202 x 1808 x 505	86.69 x 71.18 x 19.88	2200	86.6	1800	70.9	500	19.7	2106x1728	82.9x68	2	47	Left Mullion
P2KDR22185	2202 x 1808 x 505	86.69 x 71.18 x 19.88	2200	86.6	1800	70.9	500	19.7	2106x1728	82.9x68	2	47	Right Mullion
P2KDL22186	2202 x 1808 x 605	86.69 x 71.17 x 23.82	2200	86.6	1800	70.9	600	23.6	2106x1728	82.9x68	2	47	Left Mullion
P2KDR22186	2202 x 1808 x 605	86.69 x 71.17 x 23.82	2200	86.6	1800	70.9	600	23.6	2106x1728	82.9x68	2	47	Right Mullion

HxWxD dimensions are nominal.



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Model	Component	Type	Height	Width	Depth	Specialty	Catalog Number
P2	K	DR	20	8	6	Blank	= P2KDR2086
PROLINE G2	Industrial Package/Kit	Blank = single door OD = overlapping double door DR = disconnect right DL = disconnect left	mm 22 = 2200 20 = 2000 18 = 1800 16 = 1600	mm 18 = 1800 16 = 1600 12 = 1200 10 = 1000 8 = 800	mm 6 = 600 5 = 500 4 = 400	Blank = standard HF = EMC protected	

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