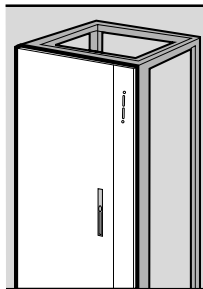


PROLINE® Doors, Covers, and Sides

Disconnect Door for PROLINE Enclosures **AETO**



Disconnect doors provide a means to mount flange-mounted disconnects to PROLINE enclosures. Hinged mullion provides unobstructed access to interior, thus easing installation of equipment.

Disconnect mullion is hinged to provide easy disconnect installation and maximum access to subpanel. Patented removable door bar is included on disconnect door. A flush handle with defeater operates an internal 3-point latch system on disconnect door and latches to the disconnect mullion. Interlocking is provided from master door to disconnect

mullion. The disconnect mullion and disconnect door include 140-degree hinges and are gasketed to maintain enclosure integrity. Steel doors are 14 gauge and painted with RAL 7035 light gray textured polyester powder.

PROLINE enclosures with disconnect doors that have preferred cutout disconnect doors, 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.
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers.

ABB Controls

- Disconnect switches up to (and including) 200 amp, also operators for ABB circuit breakers up to 800 amp.

Eaton Cutler-Hammer

Variable depth disconnect switches up to (and including) 200 amp, also operators for C-H Westinghouse circuit breakers up to 600 amp. Also, Flex Shaft® handle mechanisms for circuit breakers

General Electric

- Type TDA variable depth mechanisms for disconnect switches up to (and including) 200 amp, also 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 (and including) 200 amp, with variable depth or cable mechanisms for 30, 60, or 100 amp. Also circuit breakers with variable depth operators or cable mechanisms up to 400 amp.

PROLINE enclosures with disconnect doors that have large cutout provision will accept the following types of flange-mounted disconnect devices:

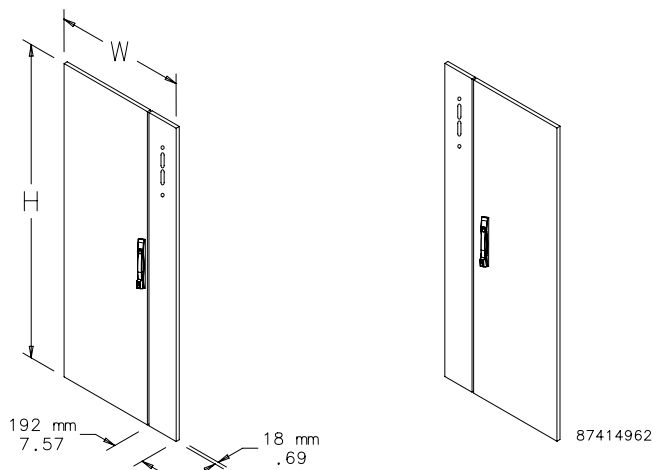
Allen-Bradley

- 1494V-H2 handle used with 400 amp or 600 amp Allen-Bradley disconnect switches.

Siemens ITE

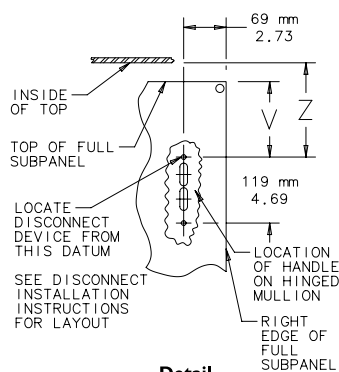
- Max-Flex™ FHOHN handle used with MD 800 amp, ND (1200 amp), PD (1600 amp), and RD (2000 amp).

Disconnect Door Catalog Number	Cutout Provision	Fits Frame A x B (mm)	H x W (mm)	H x W (in.)	V (mm)	V (in.)	Z (mm)	Z (in.)
PTDDC166	Preferred right-hand	1600 x 600	1539 x 594	60.59 x 23.39	221	8.70	269	10.57
PLTDDC166	Preferred left-hand	1600 x 600	1539 x 594	60.59 x 23.39	221	8.70	269	10.57
PTDDC168	Preferred right-hand	1600 x 800	1539 x 794	60.59 x 31.26	221	8.70	269	10.57
PLTDDC168	Preferred left-hand	1600 x 800	1539 x 794	60.59 x 31.26	221	8.70	269	10.57
PTDDC186	Preferred right-hand	1800 x 600	1739 x 594	68.46 x 23.39	321	12.64	369	14.51
PLTDDC186	Preferred left-hand	1800 x 600	1739 x 594	68.46 x 23.39	321	12.64	369	14.51
PTDDC188	Preferred right-hand	1800 x 800	1739 x 794	68.46 x 31.26	321	12.64	369	14.51
PLTDDC188	Preferred left-hand	1800 x 800	1739 x 794	68.46 x 31.26	321	12.64	369	14.51
PTDDC1810	Preferred right-hand	1800 x 1000	1739 x 994	68.46 x 39.13	321	12.64	369	14.51
PLTDDC1810	Preferred left-hand	1800 x 1000	1739 x 994	68.46 x 39.13	321	12.64	369	14.51
PTDDC206	Preferred right-hand	2000 x 600	1939 x 594	76.34 x 23.39	421	16.57	469	18.45
PLTDDC206	Preferred left-hand	2000 x 600	1939 x 594	76.34 x 23.39	421	16.57	469	18.45
PTDDC208	Preferred right-hand	2000 x 800	1939 x 794	76.34 x 31.26	421	16.57	469	18.45
PLTDDC208	Preferred left-hand	2000 x 800	1939 x 794	76.34 x 31.26	421	16.57	469	18.45
PTDDC2010	Preferred right-hand	2000 x 1000	1939 x 994	76.34 x 39.13	421	16.57	469	18.45
PLTDDC2010	Preferred left-hand	2000 x 1000	1939 x 994	76.34 x 39.13	421	16.57	469	18.45
PTDLC206	Large right-hand	2000 x 600	1939 x 594	76.34 x 23.39	435	17.13	483	19.01
PTDLC208	Large right-hand	2000 x 800	1939 x 794	76.34 x 31.26	435	17.13	483	19.01
PTDLC2010	Large right-hand	2000 x 1000	1939 x 994	76.34 x 39.13	435	17.13	483	19.01

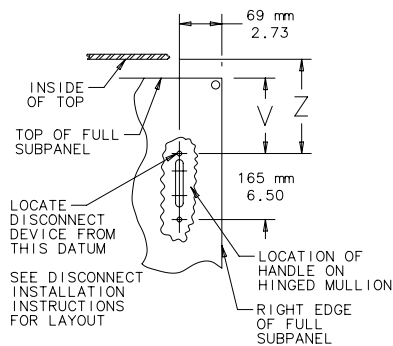


Disconnect Door System
(right provision)

Disconnect Door System
(left provision)



Detail
Preferred Cutout
Full Subpanel

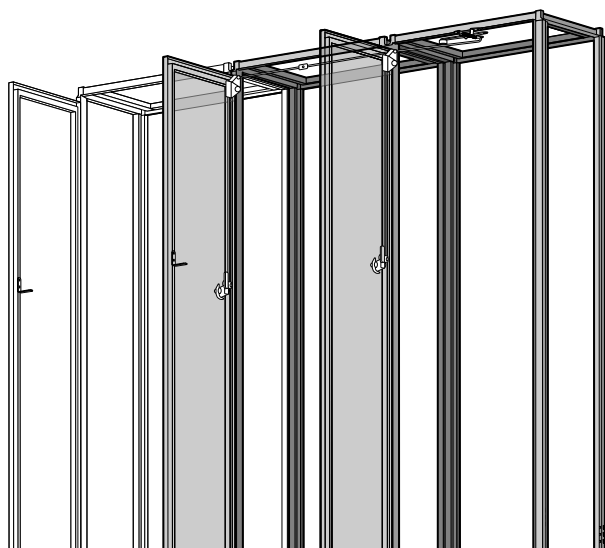


Detail
Large Cutout
Full Subpanel

PROLINE® Doors, Covers, and Sides

**PROLINE EXTERNAL
COMPONENTS**

**Bulletin
P20, P20DC**



Mechanical Interlock **ALTO**

The PROLINE mechanical interlock can be actuated by any PROLINE solid or disconnect door in a multiple-bay enclosure system. Up to ten doors, including window doors, can be interlocked.

The interlock device engages the PROLINE door at the center to provide maximum security. The master door can be positioned in any location. Only after the master door is opened can slave doors be opened. The interlock system is modular and easy to assemble; no drilling or layout work is required to install. Brackets, rods, and fasteners are heavy gauge steel. Meets interlocking requirements established by General Motors, Ford, and Chrysler.

Front-to-Back Interlock **ALTO**

The front-to-back interlock is used to interlock the rear doors of an enclosure in conjunction with a Master Door Actuator Kit and a Slave Door Kit. When the Master Door Actuator Kit on the front of the enclosure is activated (by a solid or disconnect master door) and the Front-to-Back Kit linkage is in place, the pivot bracket is pulled, which activates the Slave Door Kit to interlock the back doors of the enclosure with the front doors.

Catalog Number	Description
PMLMAK	Master Door Activator Kit ^a
PMLSK	Door Slave Kit ^b
PMLEK	Extension Kit
PMLFB	Front-to-Back Kit

^a Order (1) kit for master door.

^b Order (1) kit for each slave door (will accommodate single door, window door, and overlapping doors).

Electrical Interlock **A-T-O**



Application

The electrical interlock provides a positive internal safety lockout on electrical enclosures while the equipment is energized. The interlock is not designed to be used in place of the 3-point standard door hardware. The interlock will fit solid doors. The device also will fit overlapping doors and disconnect doors at top.

Construction

Rugged steel construction and plated finish. Solenoids are rated for continuous duty and will stand up under heavy industrial use. Packaged complete with a solenoid assembly, mounting bracket, and instructions for field installation.

NOTE: Door handles and latching mechanisms are not included.

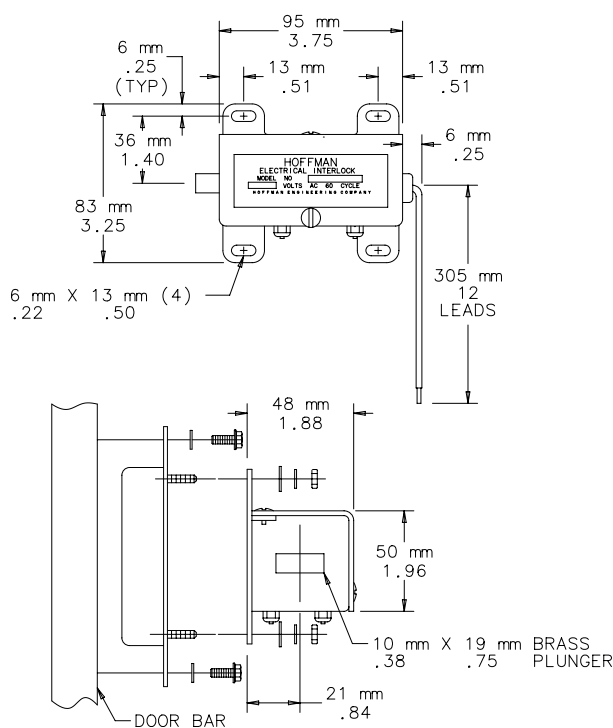
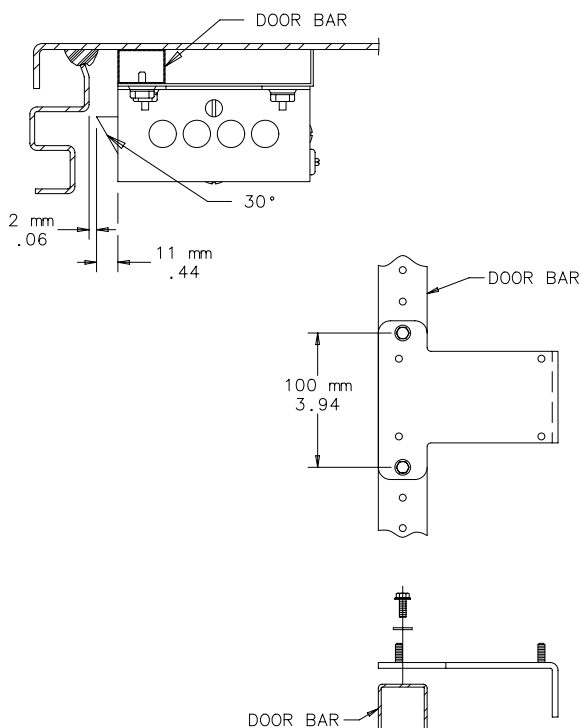
Industry Standards

CSA Certified

Installation

Interlock mounts on bracket attached to door bar on inside of enclosure door.

Catalog Number	Amps @ 120V/60Hz Normal/In Rush	Amps @ 240V/60Hz Normal/In Rush	Amps @ 480V/60Hz Normal/In Rush	Amps @ 110V/50Hz Normal/In Rush	Amps @ 220V/50Hz Normal/In Rush	Amps @ 440V/50Hz Normal/In Rush
PEK115NDH	.100/.63			.120/.69		
PEK230NDH		.050/.32			.060/.35	
PEK460NDH			.025/.16			.030/.18



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