



STANDARD 12, 30 AND 42 POLE VERSIONS

NEMA 4 or 4X Enclosure

1.1 Description of Ambient Distribution Panel

This distribution panel has been specifically designed for use in process heat tracing systems that require a

dedicated power source. This panel is generally utilized with heat tracing controlled by individual pipe sensing

thermostats or in conjunction with any of Nelson's Type CM Control and Monitoring Systems.

1.2 Description of System Components

The distribution panel is supplied in a NEMA 4 or 4X enclosure that can be wall or rack mounted. Standard versions are available in

12 (DP6), 30 (DP14) and 42 (DP20)-pole options. Branch breakers are available in standard trip or ground fault equipment protection devices.

Main breaker is selectable from 100 Amp up to a maximum of 225 Amp. An option is provided for external door disconnect.

1.3 Standard Features

Enclosures:

- NEMA 4 Powder Coated Steel
- NEMA 4X Stainless Steel

Voltage Options:

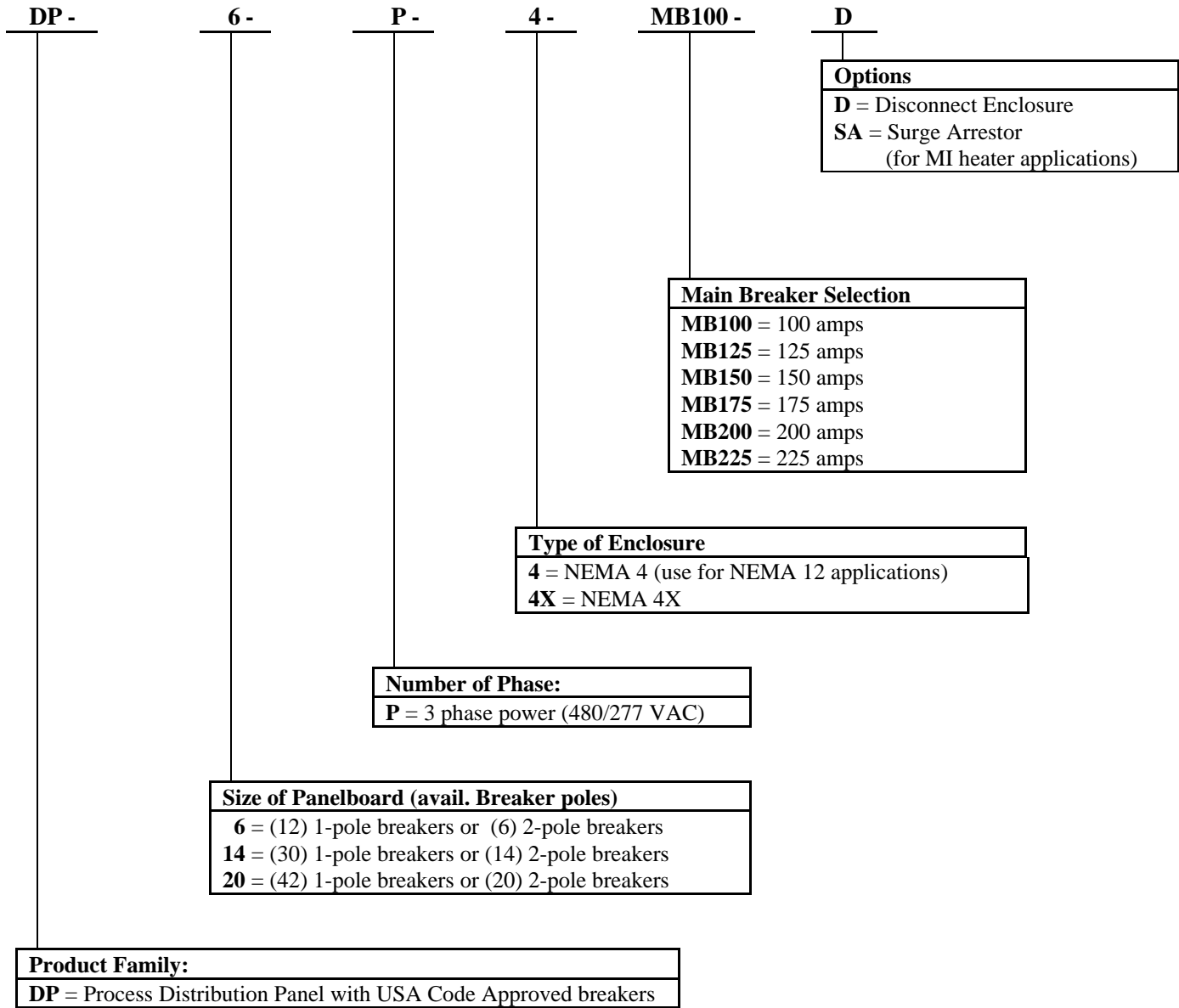
- 277/480 Three Phase Power

Branch Circuit Breakers:

- 1-Pole, 15-60A Standard
- 1-Pole, 15-60A GFEPD (requires 2-pole space)
- 2-Pole, 15-60A Standard
- 2-Pole, GFEPD (Not Available)

Main Bus Sizes:

- 12-Pole (DP6) Option, 225A
- 30-Pole (DP14) Option, 225A
- 42-Pole (DP20) Option, 225A



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