

STANDARD 12, 30 AND 42 POLE VERSIONS

NEMA 4 or 4X Enclosure

1.1 Description of Process 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,

30 and 42-pole options, both three-phase and single-phase. 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:

120/208 Three Phase Power
120/240 Single Phase Power

Branch Circuit Breakers:

1-Pole, 15-40A Standard
1-Pole, 15-30A GFEPD
2-Pole, 15-50A Standard
2-pole, 15-50A GFEPD

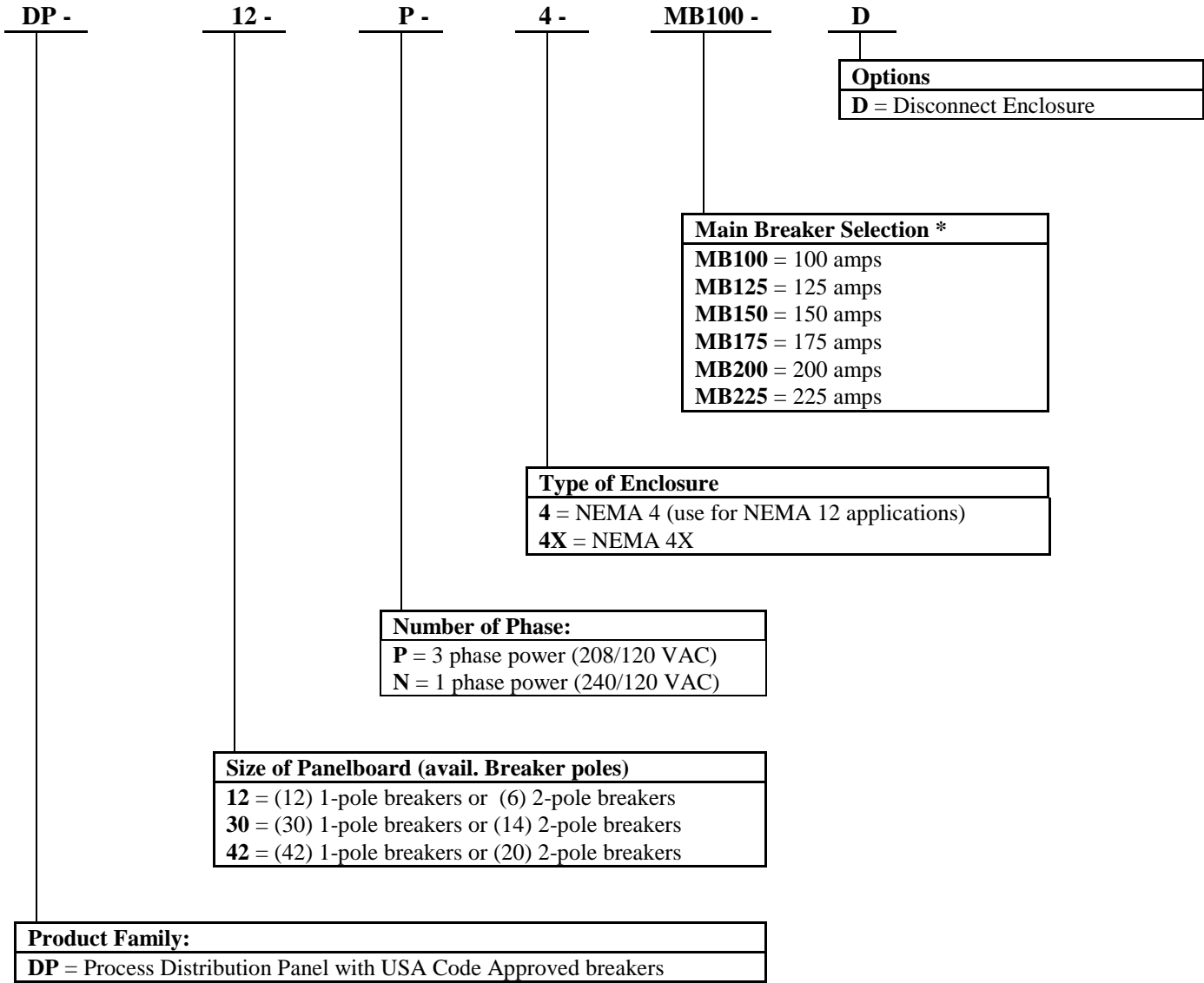
Main Bus Sizes:

12-Pole Option, 225A
30-Pole Option, 225A
42-Pole Option, 225A

NELSON TYPE DP-240VAC MAXIMUM

NELSON PROCESS DISTRIBUTION PANEL

SPECIFICATION/APPLICATION INFORMATION



*Note: Standard 12-Pole option is limited to 100A maximum main breaker sizing.