

# Dewatering Pump Panel

## Product Description

For customers using dewatering pumps (above ground or submersible) connected to an electrical power source using trailing cable, Eaton has developed a dewatering pump panel that provides a safe and reliable solution to control, protect and isolate dewatering pumps.

This panel has been specifically designed for the tough pumping installations associated with applications at mining operations and in tunneling projects. The panels are intended for use in non-hazardous, resistance or solidly grounded installations up to 600 Vac, they are cCSAus certified\*.

## Features

- Horsepower rated
- Type 12 or 4X enclosures
- Door mounted viewing window included as standard
- Lifting handles installed as standard on both sides of the enclosure
- VISA – HMCP for improved safety
- Combination starter with visible break disconnect and Flex Shaft™ handle mechanism
- NEMA/IEC/vacuum contactor with C440 electronic overload relay (C441/C445 available as options) or soft starter
- START/STOP pushbuttons and MANUAL/OFF/ AUTO selector switch included as standard
- LED lamps used on pilot lights for infinite life included as standard
- M22 Ethernet jack added to door for improved safety with C441
- Optional “Convenience Interface Port”
- Optional Eaton’s Crouse-Hinds Quik-Loc mining connector
- Startco® ground-fault ground-check monitor included as standard
- Door mounted ground-fault and ground-check indicating lights and ground-fault / ground-check reset pushbutton included as standard
- “Ground-Fault Test” circuit included as standard
- Finger safe fuse block
- 120 Vac control power
- Compact smaller dimensions than competitive offerings
- cCSAus certified\* with a large variety of customer specific design options



\* Consult Eaton regarding cCSAus certification for vacuum starter or connector option.

## Product Selection

Character	DPP	025	CB	A	8	C	A	A	A	0	X
Product Description	Product	Size	Disconnect Means	Starter Type	Enclosure Rating	Voltage	Ground Check	Fuse Clip Style	Option #1	Option #2	Option #3
		025 = 25hp (600V) 050 = 50hp (600V) 100 = 100hp (600V) 200 = 200hp (600V)* 250 = 250hp (600V)* 300 = 300hp (600V)* 350 = 350hp (600V)* 450 = 450hp (600V)*	CB = Motor Circuit Protector FS = Fusible Disconnect**	A = NEMA B = IEC C = Vacuum D = Soft Starter**	4 = NEMA 4X 8 = NEMA 12	C = 480V D = 600V Z = 1000V***	A = SE105 B = SE107 C = Customer Specified Relay X = None	A = None B = Class J C = Form II Class C	A = Quik-Loc Connector (NEMA 12)**** B = SMS Connector (NEMA 12)**** N = No Connector	0 = None (standard C440 O/L) 1 = C441 O/L 2 = C445 O/L	X = None E = E-stop Z = Custom

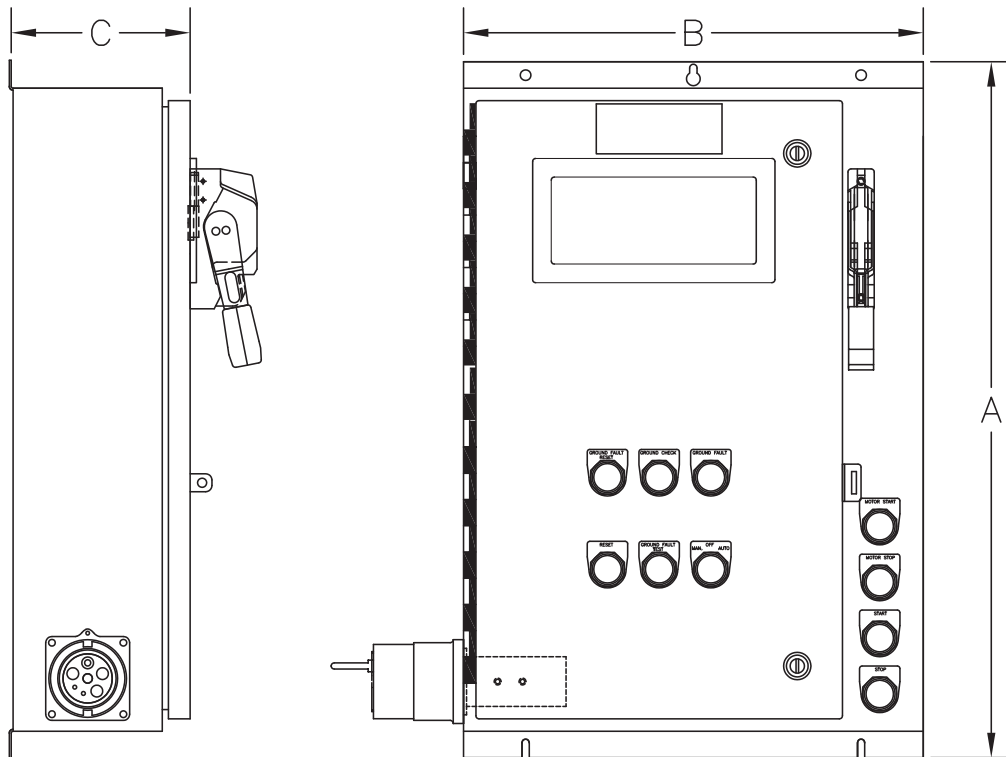
\* Size only available with soft starter type.

\*\* Consult Eaton for enclosure size when fusible disconnect selected or 200 hp or lower soft starter selected.

\*\*\* 1000 V only available for vacuum starter type. Does not have CSA.

\*\*\*\* Consult Eaton regarding cCSAus certification for connector option.

## Dimensions



Panel Type	Height A in (mm)	Width B in (mm)	Depth C in (mm)	Approximate Weight lbs (kg)
DPP025-SERIES	28.00 (711.2)	18.50 (469.9)	7.13 (181.0)	100 (45.4)
DPP050-SERIES	32.13 (816.0)	20.50 (520.7)	9.13 (231.8)	130 (59.0)
DPP100-SERIES	32.13 (816.0)	20.50 (520.7)	9.13 (231.8)	155 (70.3)
DPP200-SERIES	36.88 (936.6)	29.25 (743.0)	9.13 (231.8)	253 (114.8)
DPP250-SERIES	36.88 (936.6)	29.25 (743.0)	9.13 (231.8)	****
DPP300-SERIES	60.00 (1524.0)	38.00 (965.2)	12.00 (304.8)	****
DPP350-SERIES	60.00 (1524.0)	38.00 (965.2)	12.00 (304.8)	****
DPP450-SERIES	60.00 (1524.0)	38.00 (965.2)	12.00 (304.8)	****

\*\*\*\* Consult Eaton regarding approximate weight.

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## Control Schematic

