



PowVac-ND[®] Metal-Clad Switchgear

5kV Metal Clad Narrow Design Switchgear

SPACE SAVER

PowVac-ND will save you in real estate. The narrow design is only 26 inches wide with two (2) standard depths, depending on whether you want a one-high or two-high design. The two depths can vary slightly, depending on the rear access desired. The standard of 72 inches directly replicates the floor space needed for the older magnetic equipment offered by several manufacturers. This is generally used in one-high designs. In two-high designs, 84 inches should be used wherever possible. This allows enough room in the rear cell for cable termination.

SAFETY

All PowVac-ND breakers utilize closed door racking. When the breaker is in the bottom location, it rolls into place without the need of a lifting device. Emergency circuit breaker trip device is conveniently located on the outside of every switchgear assembly.

FLEXIBILITY

PowVac-ND is made especially for YOU, the customer. We are NOT limited to one design. Powell offers eleven (11) different layouts to choose from as seen in Table 1.

Available in 11 configurations

Utilizes closed door racking

Uses standard PowVac[®] operating mechanism

Current transfer assembly utilizes low maintenance multiple contact band technology

Space saving design allows for direct replacement of obsolete 5kV, 26 inch installations



Powered by Safety[®]

HIGH OPERATION BREAKER

In your distribution system, the metal-clad switchgear circuit breaker is the most significant component. The PowIVac-ND offers the reliability and stability of the PowIVac using less space. At 5kV, the narrow design breaker meets and exceeds the ANSI requirements of 10,000 Ops. It is available with continuous current ratings of 1200 or 2000 Amperes with interrupting ratings of 36 and 50kA. The main bus can go up to 3000 Amperes.

TABLE 1

Instrument Compartment	Instrument Compartment	1200A Breaker 36kA OR 50kA	Rollout PT	Stationary CPT	Rollout PT
		Instrument Compartment	Rollout PT	Rollout Fuses	Rollout PT
		1200A Breaker 36kA OR 50kA	Instrument Compartment	Instrument Compartment	Instrument Compartment
1200A Breaker 36kA OR 50kA	2000A Breaker 36kA OR 50kA	1200A Breaker 36kA OR 50kA	1200A Breaker 36kA OR 50kA	1200A Breaker 36kA OR 50kA	2000A Breaker 36kA OR 50kA

Stationary CPT	Rollout Fuses CPT Remote	Rollout Fuses CPT Remote	Rollout PT	Rollout Fuses CPT Remote
Rollout Fuses	Rollout PT	Rollout PT	Rollout PT	Rollout PT
Instrument Compartment	Instrument Compartment	Instrument Compartment	Instrument Compartment	Instrument Compartment
1200A Breaker 36kA OR 50kA	1200A Breaker 36kA OR 50kA	2000A Breaker 36kA OR 50kA	Rollout PT	Stationary CPT
			Rollout PT	Rollout Fuses

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