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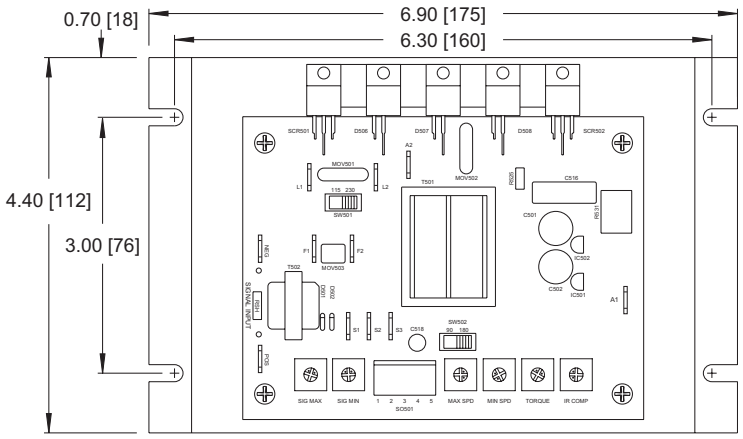
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Find the *Minarik PCM23401A* at our website: *Click HERE*

Drive	Input Voltage (VAC)	Output Voltage Range (VDC)	Max. Armature Current	HP Rating @ 90 VDC Output	HP Rating @ 180 VDC Output	Enclosure	Reversing *****	Isolation	Field Supply (VDC) ****	UL Rec.	CSA	CE TUV
PCM21010A	115	0-90	2	1/20 - 1/6	–	CHASSIS	–	0-10 VDC	–	YES	YES	–
PCM23411A	115 / 230	0-90 / 0-180	3	1/10 - 1/4	1/6 - 1/2	NEMA 4X	–	0-10 VDC 4-20 mA	YES	–	–	–
PCM21000A	115	0-90	10*	1/4 - 1	–	CHASSIS	–	0-10 VDC	–	YES	YES	–
PCM22000A	230	0-180	10*	–	1/2 - 2	CHASSIS	–	0-10 VDC	–	YES	YES	–
PCM23001A	115 / 230	0-90 / 0-180	10	1/8 - 1	1/4 - 2	CHASSIS	–	0-10 VDC 4-20 mA	YES	YES	YES	–
PCM23401A	115 / 230	0-90 / 0-180	10	1/8 - 1	1/4 - 2	NEMA 4X	–	0-10 VDC 4-20 mA	YES	YES	YES	–

* Heat sink number 223-0159 must be used when the output is above 5 amps.
**** The field supply is rated at 1 amp. A 50/100 VDC field is available with 115 VAC input and a 100/200 VDC field is available with 230 VAC input.
***** See regenerative drives in Section C for SCR drives that can reverse on-the-fly.

PCM23001A DIMENSIONS



Height: 2.30 [58]
All dimensions in inches [millimeters]

Dimensions of drives not shown above can be found on page 55.
Wiring diagrams can be found on pages 62 and 63.

FEATURES

- **MM Footprint:** PCM2x0x0A have a compact industry standard footprint.
- **Isolated inputs:** Accepts floating or grounded speed reference signals of 0-10VDC or 4-20mA. 3% linearity through 50:1 speed range (60:1 for PCM23001A). 1% linearity through 30:1 speed range.
- **Speed range, regulation, & form factor:** 1-2% of base speed regulation with a 50:1 (60:1 for PCM23xx1A) speed range and a 1.37 form factor at maximum rated voltage.
- **User adjustable calibration pots:** Minimum Speed, Maximum Speed, Current Limit, IR Compensation, Maximum Signal Adjust and Minimum Signal Adjust (PCM23xx1A drives only).
- **Spade and screw terminals:** Easy to use spade terminals on chassis; screw terminals on enclosed units.
- **Additional features:** Manual or signal mode jumper select.
- **Additional features (PCM23xx1A only):** Third mode of signal input with ratio output, dual voltage AC input, DC field voltage.
- **RoHS:** All PCM20000A series models are RoHS compliant.

The PCM20000A Series of drives are a cost-effective solution for variable speed, process control applications from 1/20 to 2 HP. These are SCR drives that integrate isolation allowing them to accept external analog process control signals. Alternative solutions require users to wire a separate isolation card to the drive which adds cost and reduces available space.

Users can operate the drives in manual mode using normal potentiometer operation or in signal mode where drive output is proportional to an external signal input. Additionally, the PCM23xx1A has a signal ratio mode which allows the potentiometer to scale the output voltage while the external signal is the main control source. It comes with a quick connector for wiring between the three operation modes.

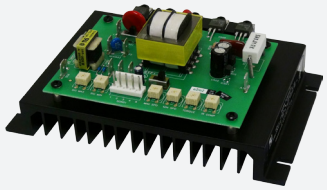
See page 50 for an in-depth comparison of the different 1Q SCR drives.



PCM21000A
PCM21010A
PCM22000A



PCM23401A
PCM23411A



PCM23001A

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