

FEATURES

- **200-5000 Watt Power Rating**
- **Multiple Feedback Options: 17-Bits/20-Bits Serial Encoder**
- **MODBUS Communication Standard**
- **CANopen Communication Available**
- **8 Inputs, 4 Outputs**
- **200-230VAC Single-Phase or Three-Phase**
- **Automatically Identifies with 17-Bit Absolute Encoder Motor and 20-Bit Incremental Encoder Motor**

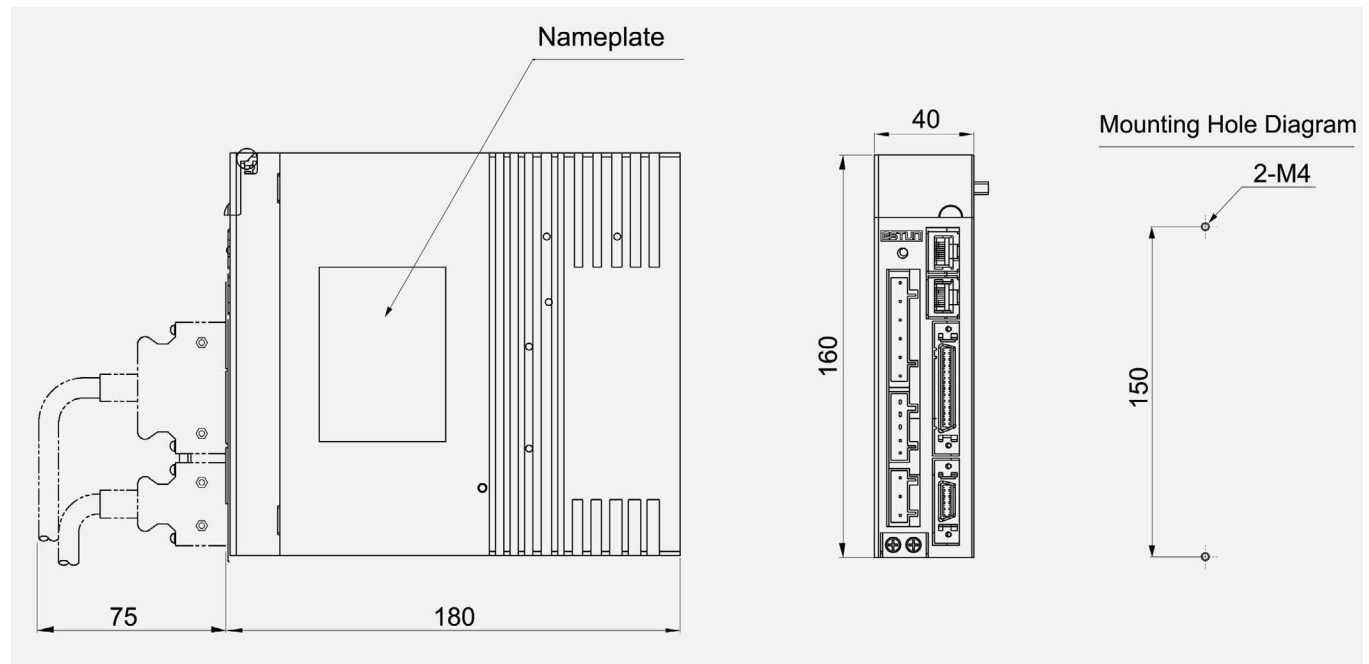


DESCRIPTION

The PRONET-AMG Series Servo Drive can work with both 17-Bit Absolute Encoder Motors and 20-Bit Incremental Encoder Motors. It can operate in position control mode, contact position control mode, speed control mode, and torque control mode. In position control mode, position and speed are controlled using clock and direction signals sent by the host controller to the Servo Drive. In this mode an electronic gearing ratio can be set. There are three methods on controlling the speed of a Servo Motor with the PRONET-AMG: internal speed control, analog reference speed control, and contact speed control. These control features offer users the ability to customize these drives for their application needs. The PRONET-AMG Series AC Servo Drive operates from a Single-Phase (02/04AMG) or Three-Phase (08/10/15/20/30/50AMG) input voltage range from 200 to 230VAC with a continuous output power of 200-5000 Watts, depending on what AMG Drive is used. These drives come standard with an RS485 interface and can be operated using MODBUS and CANopen protocols.

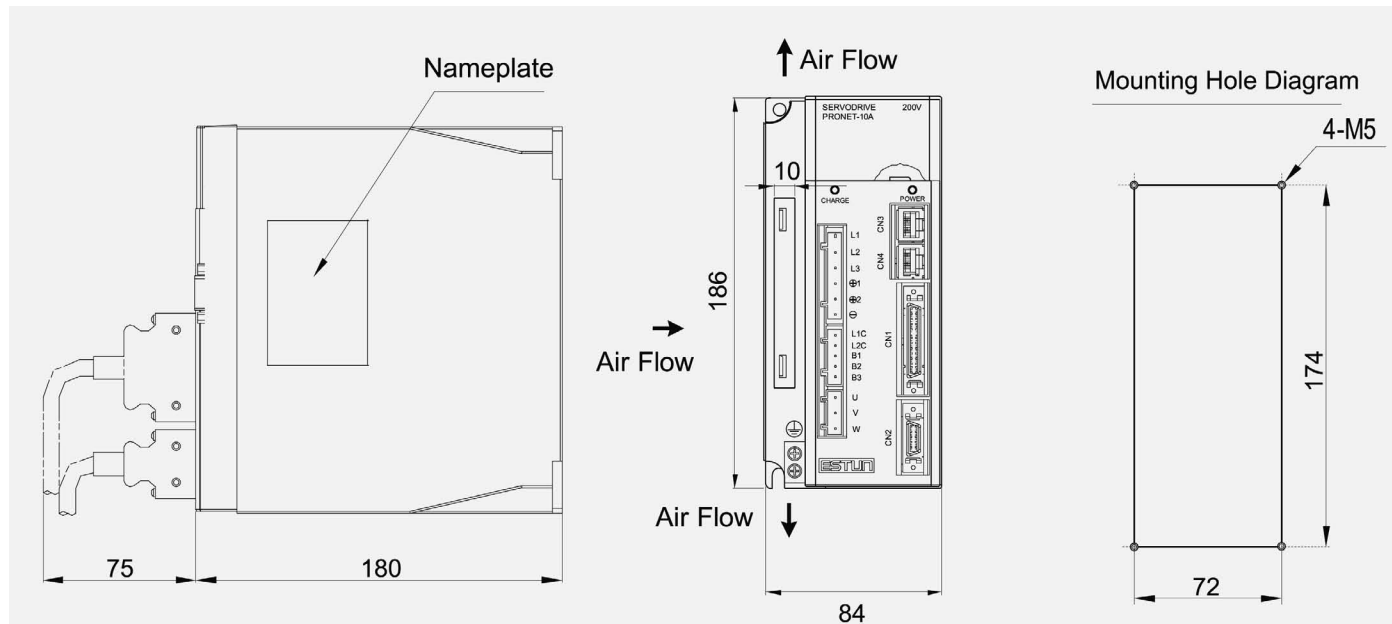
DIMENSIONS

PRONET-02AMG & PRONET-04AMG

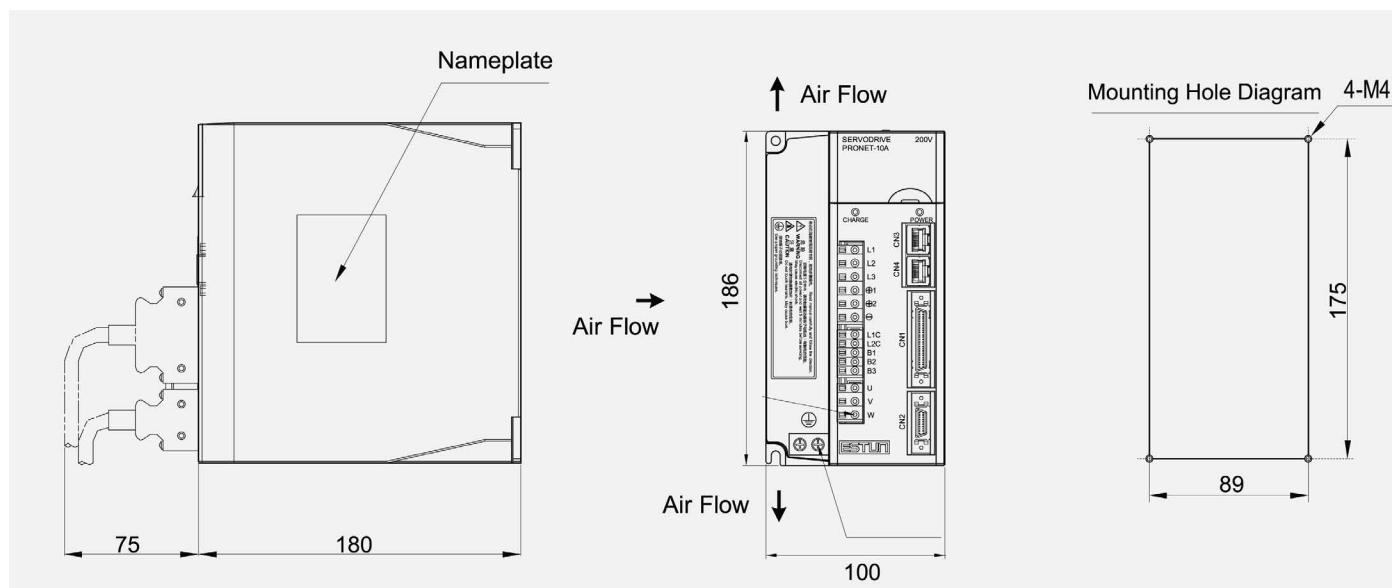


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PRONET-08AMG & PRONET-10AMG



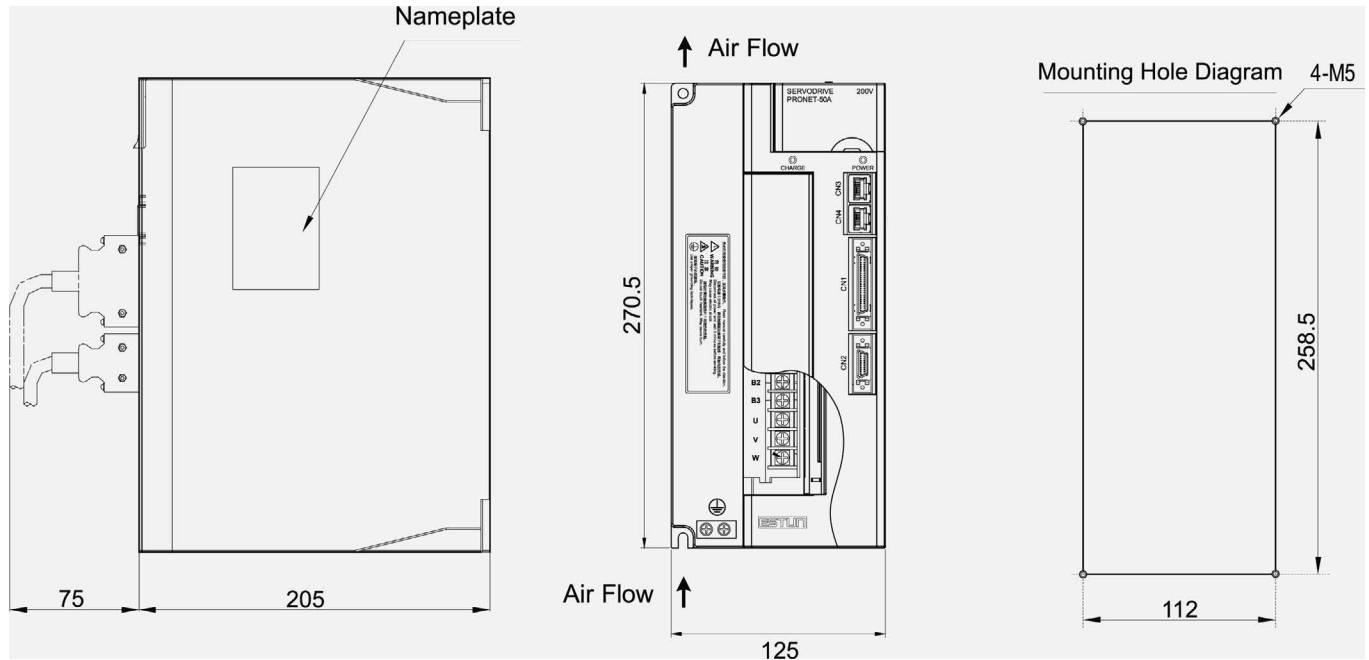
PRONET-15AMG & PRONET-20AMG



DIMENSIONS

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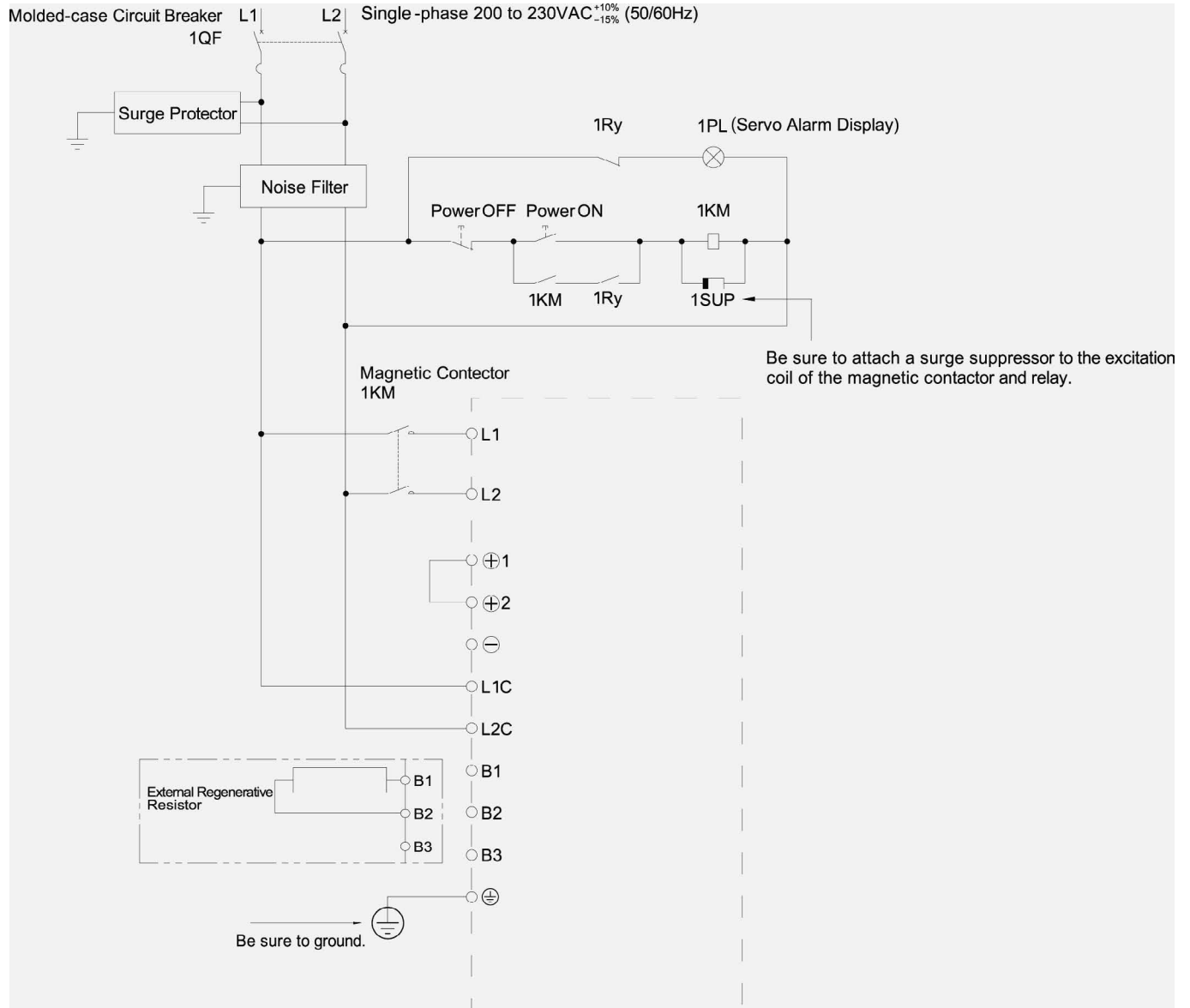
PRONET-30AMG & PRONET-50AMG



SPECIFICATIONS

Item	Rated Power (Watts)	Rated Voltage	Drive Control Capabilities	COMM	I/O Signals
PRONET-02AMG	200	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-04AMG	400	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-08AMG	750	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-10AMG	1000	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-15AMG	1500	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-20AMG	2000	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-30AMG	3000	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs
PRONET-50AMG	5000	200VAC	Position, Speed, Torque	MODBUS CANopen	8 Inputs 4 Outputs

PRONET-02AMG & PRONET-04AMG

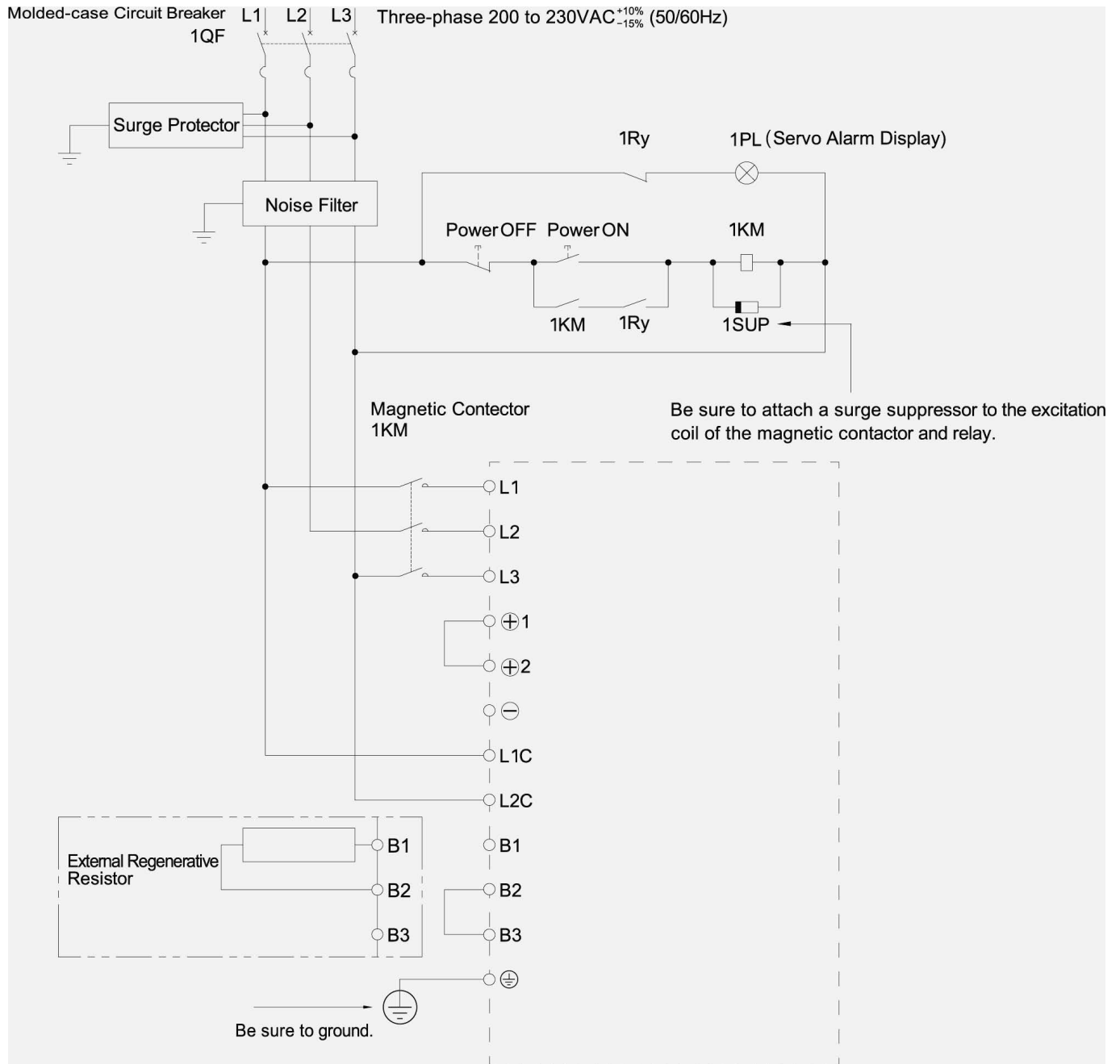


PRONET-AMG Servo Drives



PRONET-08AMG, PRONET-10AMG, PRONET-15AMG, PRONET-20AMG, PRONET-30AMG, & PRONET-50AMG

MAIN CIRCUIT DIAGRAM



PRONET-AMG Servo Drives



ADDITIONAL INFORMATION

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Single-Phase 200VAC	PRONET-02AMG	EMJ-02ASA22	PDM-JE18-05	-	PDP-JE24-05	200W
		EMJ-02ASA24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	200W
		EMJ-02AFA22	PDM-JE18-05	-	PDP-JE24-05	200W
		EMJ-02AFA24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	200W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Single-Phase 200VAC	PRONET-04AMG	EMJ-04ASA22	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	400W
		EMJ-04ASA24	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	400W
		EMJ-04ASH22	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	400W
		EMJ-04ASH24	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	400W
		EMJ-04AFB22	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	400W
		EMJ-04AFB24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	400W
		EMJ-04AFH22	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	400W
		EMJ-04AFH24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	400W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-08AMG	EMJ-08ASB22	PDM-JE18-05	-	PDP-JE24-05	750W
		EMJ-08ASB24	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	750W
		EMJ-08AFB22	PDM-JE18-05	-	PBP-JE24-05	750W
		EMJ-08AFB24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	750W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-10AMG	EMJ-10ASB22	PDM-JE18-05	-	PDP-JE24-05	1000W
		EMJ-10ASB24	PDM-JE18-05	PBK-JE18-05	PDP-JE24-05	1000W
		EMJ-10AFB22	PDM-JE18-05	-	PBP-JE24-05	1000W
		EMJ-10AFB24	PDM-JE18-05	PBK-JE18-05	PBP-JE24-05	1000W
		EMG-10ASB22	PDM-GA14-05-II	-	PDP-GA24-05-II	1000W
		EMG-10ASB24	PDMB-GA14-05-II	In Power Cable	PDP-GA24-05-II	1000W
		EMG-10AFB22	PDM-GA14-05-II	-	PSP-GA24-05-II	1000W
		EMG-10AFB24	PDMB-GA14-05-II	In Power Cable	PSP-GA24-05-II	1000W
		EML-10ASB22	PDM-GA14-05-II	-	PDP-GA24-05-II	1000W
		EML-10ASB24	PDMB-GA14-05-II	In Power Cable	PDP-GA24-05-II	1000W
		EML-10AFB22	PDM-GA14-05-II	-	PSP-GA24-05-II	1000W
		EML-10AFB24	PDMB-GA14-05-II	In Power Cable	PSP-GA24-05-II	1000W

PRONET-AMG Servo Drives



ADDITIONAL INFORMATION

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-15AMG	EMG-15ASB22	PDM-GA14-05-II	-	PDP-GA24-05-II	1500W
		EMG-15ASB24	PDMB-GA14-05-II	In Power Cable	PDP-GA24-05-II	1500W
		EMG-15AFB22	PDM-GA14-05-II	-	PSP-GA24-05-II	1500W
		EMG-15AFB24	PDMB-GA14-05-II	In Power Cable	PSP-GA24-05-II	1500W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-20AMG	EMG-20ASB22	PDM-GA14-05-II	-	PDP-GA24-05-II	2000W
		EMG-20ASB24	PDMB-GA14-05-II	In Power Cable	PDP-GA24-05-II	2000W
		EMG-20AFB22	PDM-GA14-05-II	-	PSP-GA24-05-II	2000W
		EMG-20AFB24	PDMB-GA14-05-II	In Power Cable	PSP-GA24-05-II	2000W
		EML-20ASA22	PDM-GD12-05	-	PDP-GA24-05	2000W
		EML-20ASA24	PDM-GD12-05	-	PDP-GA24-05	2000W
		EML-20AFA22	PDM-GD12-05	-	PDP-GA24-05	2000W
		EML-20AFA24	PDM-GD12-05	-	PDP-GA24-05	2000W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-30AMG	EMG-30ASA22	PDM-GD12-05	-	PDP-GA24-05	3000W
		EMG-30ASA24	PDM-GD12-05	-	PDP-GA24-05	3000W
		EMG-30AFA22	PDM-GD12-05	-	PSP-GA24-05	3000W
		EMG-30AFA24	PDM-GD12-05	-	PSP-GA24-05	3000W
		EML-30ASA22	PDM-GD12-05	-	PDP-GA24-05	3000W
		EML-30ASA24	PDM-GD12-05	-	PDP-GA24-05	3000W
		EML-30AFA22	PDM-GD12-05	-	PSP-GA24-05	3000W
		EML-30AFA24	PDM-GD12-05	-	PSP-GA24-05	3000W

Voltage	Servo Driver	Servo Motor	Power Cable	Brake Cable	Encoder Cable	Rated Power
Three-Phase 200VAC	PRONET-50AMG	EMG-50ASA22	PDM-GD12-05	-	PDP-GA24-05	5000W
		EMG-50ASA24	PDM-GD12-05	-	PDP-GA24-05	5000W
		EMG-50AFA22	PDM-GD12-05	-	PSP-GA24-05	5000W
		EMG-50AFA24	PDM-GD12-05	-	PSP-GA24-05	5000W
		EML-40ASA22	PDM-GD12-05	-	PDP-GA24-05	5000W
		EML-40ASA24	PDM-GD12-05	-	PDP-GA24-05	5000W
		EML-40AFA22	PDM-GD12-05	-	PSP-GA24-05	5000W
		EML-40AFA24	PDM-GD12-05	-	PSP-GA24-05	5000W