

Type FPM | Filtered SCR DC Basic Speed Control



- Designed to drive 90 Volt DC or 130 Volt DC motors
- Dip switches to easily calibrate control
- Line voltage and temperature compensation
- Trim pots on PC board to adjust torque limit, minimum speed limit, maximum speed limit, acceleration time, and speed regulation.
- Back EMF feedback maintains better than 2% speed regulation
- 10k Ohm remote speed pot and 24" connecting wire supplied with each control
- Connections for optional user-supplied inhibit switch
- Terminal block
- Plug-in connector for speed pot and optional user supplied inhibit switch
- Flexibility in adding plug-in interface boards
- Built-in line and motor fuseholders (both fuses supplied)
- UR, CSA, RoHS

HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Product Type	Model Number
1/17	115	90 or 130	0.5	1	1.0	FPM-0810C	0810
1/6			1.25	2.5		FPM-0830C	0830
1/3			2.3	4.6		FPM-0850C	0850

Type FPM | Filtered SCR DC Basic Speed Control (NEMA-12 Enclosure)



- Designed to drive 90 Volt DC or 130 Volt DC motors
- Dip switches to easily calibrate control
- Line voltage and temperature compensation
- Trim pots on PC board to adjust torque limit, minimum speed limit, maximum speed limit, acceleration time, and speed regulation.
- Manual speed adjustment
- Terminal block inside enclosure
- Back EMF feedback maintains better than 2% speed regulation.
- Fuse holders for line and motor inside enclosure (both fuses supplied)
- UR, CSA, RoHS

HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Product Type	Model Number
FPM Enclosed Filtered SCR DC Controls NEMA 12, Basic Speed Control							
1/17	115	90 or 130	0.5	1	1.0	FPM-0815E	0815
1/6			1.25	2.5		FPM-0835E	0835
1/3			2.3	4.6		FPM-0855E	0855

Type FPM | Filtered SCR DC Basic Speed and Direction Control (NEMA-12 Enclosure)



- Filtered DC output for different motor sizes.
- Designed to drive 90 Volt DC or 130 Volt DC motors
- Line voltage and temperature compensation
- Dynamic braking for quick stops
- Trim pots on PC board to adjust torque limit, minimum speed limit, maximum speed limit, acceleration time, and speed regulation
- Manual speed adjustment
- Rotary switch on enclosure for direction
- Terminal block inside enclosure for motor connection
- Back EMF feedback maintains better than 2% speed regulation
- Fuse holders for line and motor inside enclosure (fuses included)
- UR, CSA, RoHS

HP Rating	Input V (VAC, 50/60 Hz)	Motor Rating (VDC)	Continuous Output Current (Amps)	Peak Output Current (Amps)	FF	Product Type	Model Number
FPM Enclosed Filtered SCR DC Controls NEMA 12, Speed and Direction Control							
1/17	115	90 or 130	0.5	1	1.0	FPM-0818E	0818
1/6			1.25	2.5		FPM-0838E	0838
1/3			2.3	4.6		FPM-0858E	0858