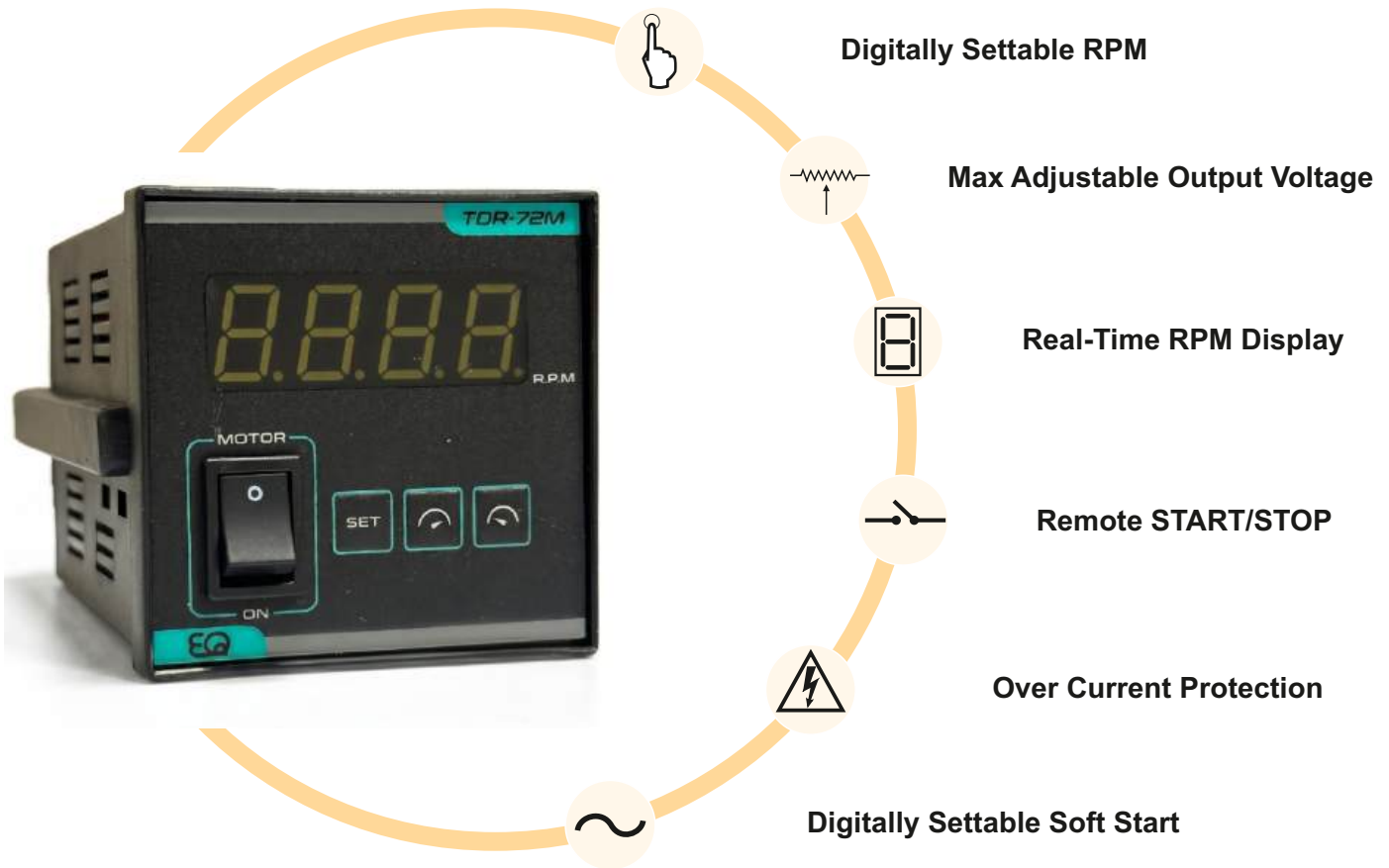


TDR-72M



India's first Keypad Control DC drives

Precision Control. Smart Performance. Next-Gen Automation

Applications

- ▶ **Industrial Machinery** - Steel rolling mills, Precise speed synchronization, heavy-duty conveyors & crushers
- ▶ **Printing and Packaging Machines** - Printing presses, Packaging lines, Labeling machines
- ▶ **Textile Industry** - Winding & warping machines, Textile processing equipment, Spinning machinery
- ▶ **Food & Beverage** - Conveyor, mixing, bottling, and processing machinery drives
- ▶ **Process Industries** - Pump, fan, and blower control with metering, dosing, and agitator drives
- ▶ **Machine Building & OEM** - Custom integration and testing for CNC drives and automation equipment



Technical Specification

Output

Max Rated Power	0.5 HP
Voltage Adj. Range	0 ~ 180VDC
Rated Current	2.5A
Output Frequency	50Hz
Output Waveform	DC
Soft Start Time	0 ~ 5 Seconds
Turn On Delay	< 1 Sec

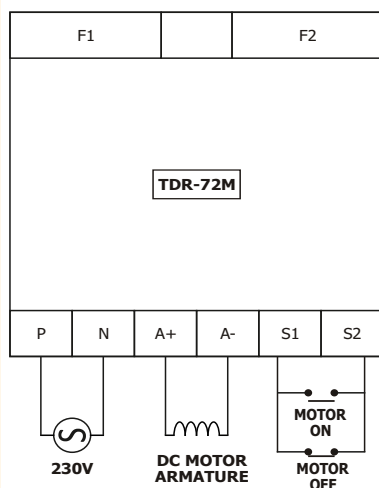
Environment

Working Temperature	0°C to +50°C
Working Humidity	10%RH to 90%RH

General Description

Model	TDR-72M
Weight	800 Gms
Enclosure	Molded ABS
Color	Black
Accessories	1 Pair of Mounting Clamp
Terminal Cable Size	Barrier Type Terminal Cable Size (2.5 mm)

Terminal Diagram



Input

Voltage	230 VAC
Frequency	50Hz
Remote On/Off Isolate Contact	Potential Free

Display Specification

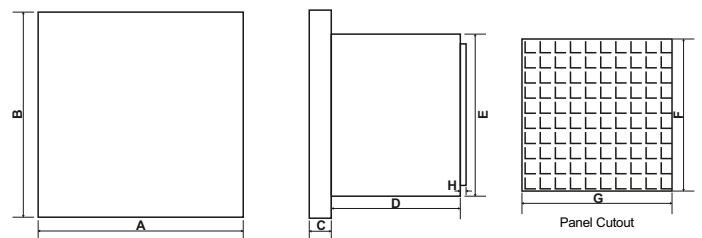
Display	4 Digit Single row 7segment LED Display		
Height PV (White)	0.56		
Keys	Set	Up	Down

Protection

Protection Against Overcurrent	Fuse
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Mechanical dimensions

Dim	A	B	C	D	E	F	G	H
mm	72	72	10	110	66	68	68	9



TDR-96M



20+ Years of Trusted Performance
in DC Drives Design and Manufacturing

Features

- ▶ Built-In soft start for smooth acceleration
- ▶ Min/Max speed adjustment
- ▶ Adjustable current limit and trip protection
- ▶ Remote ON/OFF provision for Frequent motor on off
- ▶ Easily replaceable fuses at rear terminals
- ▶ User-friendly speed control potentiometer
- ▶ Heavy-duty line suppressors for Main Fluctuation
- ▶ Front panel ON/OFF switch with mains and overload indicators

Applications

- ▶ **Industrial Machinery** - Steel rolling mills, Precise speed synchronization, heavy-duty conveyors & crushers
- ▶ **Printing and Packaging Machines** - Printing presses, Packaging lines, Labeling machines
- ▶ **textile industry** - Winding & warping machines, textile processing equipment, spinning machinery
- ▶ **food & beverage** - Conveyor systems, mixing equipment, bottling lines drives, processing machinery
- ▶ **process industries** - Pump drives, fan and blower control, metering and dosing systems, agitator drives
- ▶ **machine building & oem** - Custom machine integration, testing equipment, cnc machine tool drives



Technical Specification

Output

Max Rated Power	2000 VA
Voltage Adj. Range	0 ~ 200VA
Rated Current	4.5VA
Output Frequency	50Hz
Output Waveform	Phase Angle Control
Soft Start Time	0 ~ 5 Seconds
Turn On Delay	< 1 Sec

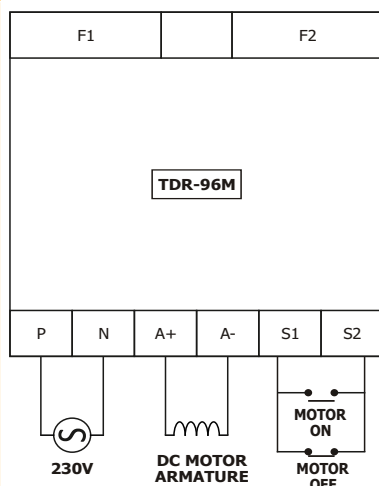
Environment

Working Temperature	0°C to +50°C
Working Humidity	10%RH to 90%RH

General Description

Model	TDR-96M
Weight	650 Gms
Enclosure	Molded ABS
Color	Black
Accessories	1 Pair of Mounting Clamp
Terminal Cable Size	Barrier Type Terminal Cable Size (2.5 mm)

Terminal Diagram



Input

Voltage	230 V AC
Frequency	50Hz
Remote On/Off Isolate Contact	Potential Free

Display Specification

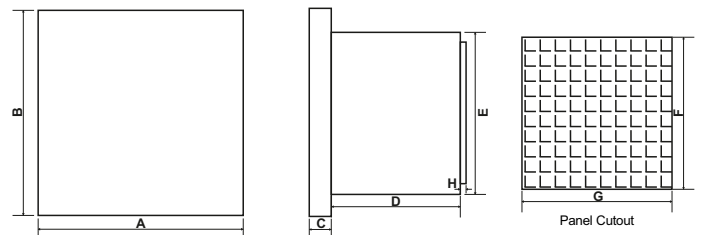
Display	4 Digit Single row 7segment LED Display		
Height PV (White)	0.56		
Keys	Set	Up	Down

Protection

Protection Against Overcurrent	Fuse
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Mechanical dimensions

Dim	A	B	C	D	E	F	G	H
mm	96	96	10	45	89	92	92	9



PMD-1



20+ Years of Trusted Performance in DC Drives Design and Manufacturing

Features

- ▶ Built-In soft start for smooth acceleration
- ▶ Min/Max Speed Adjustment
- ▶ Adjustable Current limit and Trip Protection
- ▶ Remote ON/OFF provision for Frequent motor on off
- ▶ Over-Current Protection
- ▶ User-friendly speed control potentiometer
- ▶ Heavy-duty line suppressors for Main Fluctuation
- ▶ Power, Current-limit, Overload indicator

Applications

- ▶ **Industrial Machinery** - Steel rolling mills, Precise speed synchronization, heavy-duty conveyors & crushers
- ▶ **Printing and Packaging Machines** - Printing presses, Packaging lines, Labeling machines
- ▶ **Textile industry** - Winding & warping machines, Textile processing equipment, Spinning machinery
- ▶ **Food & beverage** - Conveyor systems, Mixing equipment, Bottling lines drives, Processing machinery
- ▶ **Process industries** - Pump drives, Fan and blower control, Metering and dosing systems, Agitator drives
- ▶ **Machine Building & OEM** - Custom integration and testing for CNC drives and automation equipment



Technical Specification

Output

Max Rated Power	0.5 HP
Voltage Adj. Range	0 ~ 180VDC
Rated Current	2.5A
Output Frequency	50Hz
Output Waveform	DC
Soft Start Time	0 ~ 5 Seconds
Turn On Delay	< 1 Sec

Environment

Working Temperature	0°C to +50°C
Working Humidity	10%RH to 90%RH

General Description

Model	PMD-1
Weight	800 Gms
Enclosure	Acrylic
Color	Orange
Accessories	Potentiometer with cable
Terminal Cable Size	Barrier Type Terminal Cable Size (2.5 mm)

Input

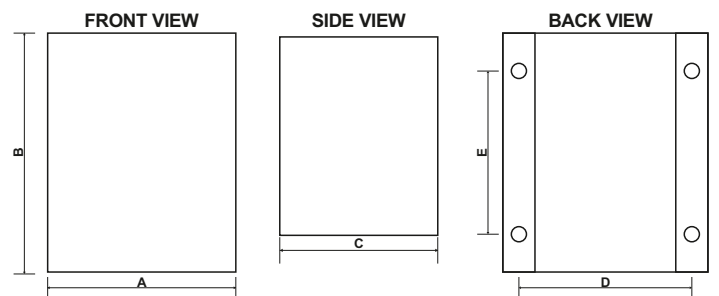
Voltage	230 VAC
Frequency	50Hz
Remote On/Off Isolate Contact	Potential Free

Protection

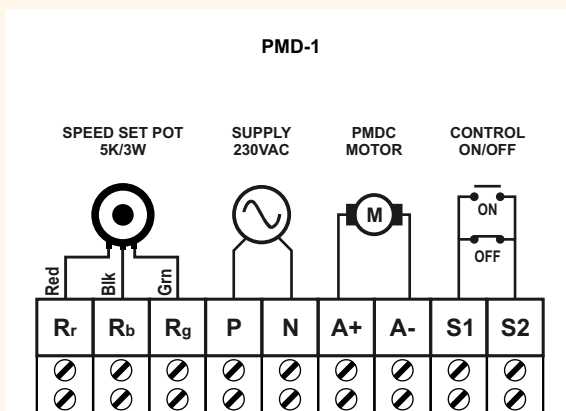
Protection Against Overcurrent	Fuse
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Mechanical dimensions

Dim	A	B	C	D	E
mm	98	150	70	103	108



Terminal Diagram



SPM-1



20+ Years of Trusted Performance in DC Drives Design and Manufacturing

Features

- ▶ Built-In soft start for smooth acceleration
- ▶ Min/Max Speed Adjustment
- ▶ Adjustable Current limit and Trip Protection
- ▶ Remote ON/OFF provision for Frequent motor on off
- ▶ Easily replaceable fuses at rear terminals
- ▶ User-friendly speed control potentiometer
- ▶ Heavy-duty line suppressors for Main Fluctuation
- ▶ Front panel ON/OFF switch with mains and Overload indicators

Applications

- ▶ **Industrial Machinery** - Steel rolling mills, Precise speed synchronization, heavy-duty conveyors & crushers
- ▶ **Printing and Packaging Machines** - Printing presses, Packaging lines, Labeling machines
- ▶ **Textile industry** - Winding & warping machines, Textile processing equipment, Spinning machinery
- ▶ **Food & beverage** - Conveyor systems, Mixing equipment, Bottling lines drives, Processing machinery
- ▶ **Process industries** - Pump drives, Fan and blower control, Metering and dosing systems, Agitator drives
- ▶ **Machine Building & OEM** - Custom integration and testing for CNC drives and automation equipment



Technical Specification

Output

Max Rated Power	3 HP
Voltage Adj. Range	0 ~ 180VDC
Rated Current	11A
Output Frequency	50Hz
Output Waveform	DC
Soft Start Time	0 ~ 5 Seconds
Turn On Delay	< 1 Sec

Environment

Working Temperature	0°C to +50°C
Working Humidity	10%RH to 90%RH

General Description

Model	SPM-1
Weight	1200 Gms
Enclosure	Acrylic
Color	Orange
Accessories	Potentiometer with cable
Terminal Cable Size	Barrier Type Terminal Cable Size (2.5 mm)

Input

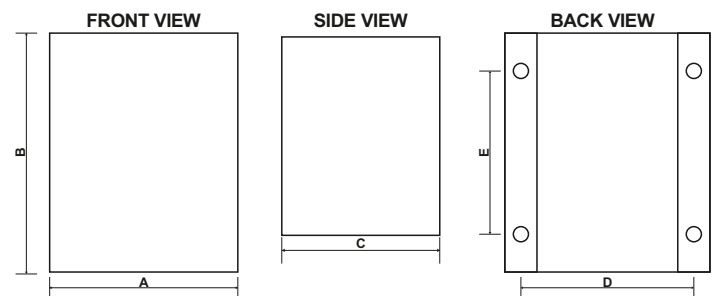
Voltage	230 VAC
Frequency	50Hz
Remote On/Off Isolate Contact	Potential Free

Protection

Protection Against Overcurrent	Fuse
--------------------------------	------

Mechanical dimensions

Dim	A	B	C	D	E
mm	230	180	90	103	108



Terminal Diagram

