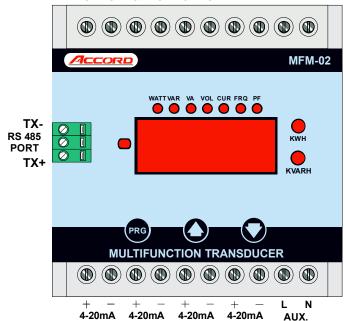


MULTI-FUNCTION TRANSDUCER – USERS MANUAL

INSTRUMENT FRONT



O/P1

O/P2

O/P3

O/P4

SUPPLY

1 Manufacturer. 2 Model No. 3 MFM-02. 4 Aux Power Supply 48V To 110V AC/DC (Range:45 To 150V AC/DC) 5 Electric Network. 3 -Phase 4-Wire./ 3-Phase 3-Wire. 6 CT Secondary. 1A/5A (SITE SELECTABLE) 7 PT Secondary. 100V-110V P-P 8 VA Burden. 0.1 VA on each PT for Sensing. 0.2 VA on each CT. 9 Nominal Input Current (I _{in}). 1A/5A. 10 Insulation Resistance. > 10 MΩ at 500 VDC. 11 Momentary Overload Capacity. 12 Input Frequency Range. 40 to 60 Hz. 15 Dimensions (mm). 16 Mounting. Din Rail Mounting. 17 Terminals. Measuring Parameters. Measuring Parameters. Measuring Parameters. Measuring Parameters. Display / Indications / Settings available on the Unit. Display / Indications / Settings available on the Unit. Display / Indications / Settings available on the Unit. ACCORD ELECTRO-TECHNICS PVT. LTD. MFM-02. 48 V To 110V AC/DC (Range:45 To 150V AC/DC) 1A/5A (SITE SELECTABLE) 1	#	SPECIFICATION	PARTICULARS
4			
Selectric Network 3-Phase 4-Wire. / 3-Phase 3-Wire.	2	Model No.	MFM-02.
Selectric Network. 3-Phase 4-Wire./ 3-Phase 3-Wire.	4	Aux Power Supply	48V To 110V AC/DC (Range:45 To 150V AC/DC)
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16 Mounting. 17 Terminals. Din Rail Mounting. Suitable for 2.5 mm² wires. ↓ Line Voltage P-N & P-P. ↓ Current. ↓ Line Frequency. ↓ Power Factor. ↓ Active, Reactive and Apparent Power. ↓ Four Analog Outputs (4-20 mA DC). ↓ 4 Seven Segment LED displays to display the set values & measure parameters. ↓ KWH LED to indicate Active Power pulse. ↓ KVARH LED to indicate Reactive Power pulse. ↓ Three Keys for programming the unit (CT& PT ratio, Baud rate, unit), Analog input). 20 Accuracy Class. 21 Temperature Range. Din Rail Mounting. Suitable for 2.5 mm² wires. ↓ Line Voltage P-N & P-P. ↓ Current. ↓ Line Frequency. ↓ Power Factor. ↓ Active, Reactive and Apparent Power. ↓ Four Analog Outputs (4-20 mA DC). ↓ 4 Seven Segment LED displays to display the set values & measure parameters. ↓ KWH LED to indicate Reactive Power pulse. ↓ Three Keys for programming the unit (CT& PT ratio, Baud rate, unit), Analog input). 20 Accuracy Class. 0.2%	12	Input Frequency Range.	70 10 00 7.5
17 Terminals. Suitable for 2.5 mm² wires. Line Voltage P-N & P-P. Current. Line Frequency. Power Factor. Active, Reactive and Apparent Power. Four Analog Outputs (4-20 mA DC). 4 Seven Segment LED displays to display the set values & meast parameters. KWH LED to indicate Active Power pulse. KVARH LED to indicate Reactive Power pulse. KVARH LED to indicate Reactive Power pulse. Three Keys for programming the unit (CT& PT ratio, Baud rate, unit), Analog input). 20 Accuracy Class. 21 Temperature Range. Suitable for 2.5 mm² wires. Line Voltage P-N & P-P. Current. Line Frequency. Four Analog Outputs (4-20 mA DC). KWH LED to indicate Active Power pulse. Three Keys for programming the unit (CT& PT ratio, Baud rate, unit), Analog input).	15	Dimensions (mm).	100 X 100 X 90mm.
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20 Accuracy Class. 0.2% 21 Temperature Range. 0-60°C	19		 ★ KWH LED to indicate Active Power pulse. ★ KVARH LED to indicate Reactive Power pulse. ★ Three Keys for programming the unit (CT& PT ratio, Baud rate, unit
	20	Accuracy Class.	0.2%
	21	Temperature Range.	0-60°C
	22	Response Time.	Less than 200ms
23 Output 4-20mA 4-20mA 04 Nos. Outputs.	23		4-20mA 04 Nos. Outputs.

ACCORD ELECTRO-TECHNICS PVT. LTD.