MPR-53 / EPM-07



Power and Energy Measuring for all Series

MPR-53 / EPM-07 series network analyzers allow monitoring more than 50 electrical parameters on their display

EPM-07 : Network Analyzer

EPM-07S : Network Analyzer with RS-485 (MODBUS) : Network Analyzer with THD measurement MPR-53

MPR-53S : Network Analyzer with THD measurement and RS-485 (MODBUS) MPR-53CS: Network Analyzer with THD measurement, RS-485, Pulse Counter,

Digital Hour Meter, Alarm Contact





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PRODUCT SELEC	3.V., 3.V., Frekans, W., VA, W., LP, D., DS, TS, KWh, KVArh, Demand, Max., Min. Cosū, I nötr	L E	THD-V	Neutral Current	Digital Input	Energy Pulse Output	Dual Energy Meter	6 Different Energy Calculation Methods	CT-25 (120A)	Alarm Contact	Digital Hour Meter	Pulse Counter	RS-485 Comm.	Pcs/Box
EPM-07-96	•				•	•	•	•	0					12
EPM-07-DIN	•				•	•	•	•	0					12
EPM-07S-96	•								0					12
EPM-07S-DIN	•				•	•	•	•	0				•	12
MPR-53-96	0	•	•	•				•	0					12
MPR-53-DIN	•				•	•	•	•	0					12
MPR-53S-DIN	•	•	•					•	0					12
MPR-53S-OG-DIN	•	•	•	•	•	•	•	•					•	12
MPR-53CS-DIN	•	•	•	•		•	•	•	0	•	•	•	•	12
MPR-53CS-OG-DIN	•	•			•		•	•			•	•	•	12
MPR-53S-96	0	•	•	•	•			•	0					12
MPR-53CS-96	•	•	•	•	•	•	•	•	0	•	•	•	•	12

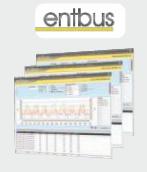
Optional)



CT-25 is a unique solution to reduce measurement costs in low current systems (up to 120A).

Remote Monitoring Software:

With the energy management software developed by ENTES, energy consumption and quality can be monitored in real time by reading the values measured by devices. As a result, comprehensive energy monitoring, data storage, optimum energy consumption control with the analysis of stored data, improvements in energy costs, and sustainable goals for energy systems are accomplished.

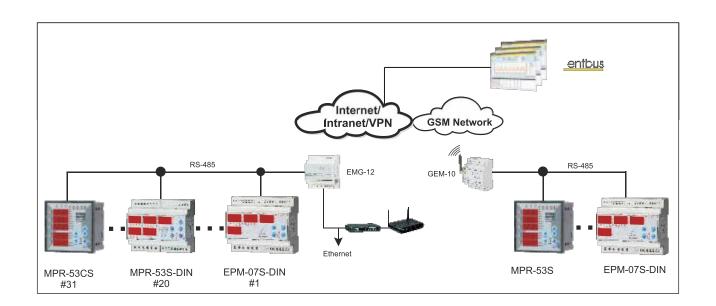


^{*} For more detailed information, see Page 84.

^{*} For CT-25, see page 80

MPR-53 / EPM-07

Phase - Neutral Voltages (V _{LN})	Total Current (□I)	Apparent Power (S)	Reactive Energy Inductive (kVArh or MVArh)
Phase - Phase Voltages (V _{LL})	Cos□	Total Active Power (□P)	Reactive Energy-Capacitive (kVArh or MVArh)
Average Phase-Neutral Voltage	Frequency (Hz)	Total Reactive Power (□Q)	Maximum Demand
Average Phase - Phase Voltage	Active Power (P)	Total Apparent Power (□S)	Maximum / Minimum Values
Phase Currents (IL) Reactive Power		Active Energy-Import (kWh or Mwh)	
Neutral Current (In)		Active Energy-Export (kWh or Mwh)	
	EPM	1-07 / 07S	
	EPN otal Harmonic Distortion or Voltage (THD-V)	Waste to take the state of	
	otal Harmonic Distortion or Voltage (THD-V)	I-07 / 07S Total Harmonic Distortion	
	otal Harmonic Distortion or Voltage (THD-V)	Total Harmonic Distortion for Current (THD-I)	



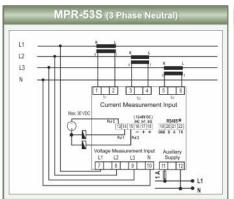
MPR-53 / EPM-07

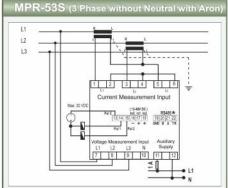
SPECIFICATIONS

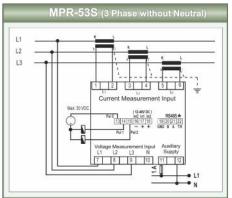
or Edit Idariono	EPM-07 EPM-07S	MPR-53S/53S-OG MPR-53CS/53CS-OG	MPR-53
ENCLOSURE	EFINI-07	WIF IX-333/333-04 WIF IX-3303/3303-04	WIFIX-33
		OCCOCCOOR Data DINC DICOC	
Dimensions Protection Class		96x96mm Pr19, DIN6 PK26	
		IP40 Front Panel,IP54 Optional 0,6kg/pcs	
Weight		Red LED; height 10mm	
Display		Red LED, Height Tollin	
MEASUREMENTS			
Voltage	4.0	200 MAC (LNI) 40 F00 MAC (LLI)	
Measurement Range Measurement Range with Transformer		0-300 VAC (L-N), 10-500 VAC (L-L)	
Accuracy	10-20	00kV, Voltage transformer ratio:0.1-4000.0	
Input Impedance		1%±1 digit [(10%-110%)xFull scale] 1.8 ΜΩ	
Burden (Input Load)		<0.5 VA	
Current		<0.5 VA	
Nominal Current		In:5,5A	
Minimum Current		50mA	
Measurement Range	50m \ 5.5/	A Accuracy: 1%±1 digit [(10%-110%)xFull scale]	
Measurement Range with Transformer		0mA-10.000A Tranformer ratio:1-2000	
Burden	3	<1 VA	
Over Load Current		1,2 In	
Power/Energy		1,2 111	
Active Power	Range: 0-215	MW Accuracy: 1%±1 digit [(10%-110%)xFull scale]	
Reactive Power	_	//VAr, Accuracy: 1%±1 digit [(10%-110%)xFull scale]	
Apparent Power	_	VVA, Accuracy: 1%±1 digit [(10%-110%)xFull scale]	
Power Factor		4 quadrant	
Active Energy		Range: 0-99 999 999 999,9 kWh	
Reactive Energy		Range: 0-99 999 999 999,9 kVArh	
Demand Period		1-60 minute	
Frequency		45-65 Hz	
Number of Samples In One Period		64	
SUPPLY			
Operating Voltage	110 VAC/230 VAC ±% 10 or 4	5-265 VAC/DC or 10-56 VDC (MPR-53S-OG/MPR-53CS-	-OG)
Operating Voltage Operating Frequency	110 VAC/230 VAC ± // 10 01 4	45-65 Hz	-00)
Power Consumption		45-65 HZ <4VA	
·		- 100	
INDITANTED IT STELLETIES			
INPUT/OUTPUT STRUCTURE		2	
Digital Input		2	
Digital Input Digital Input Pulse Width		20ms.	
Digital Input		20ms. 1248 VAC/DC	
Digital Input Digital Input Pulse Width		20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable),	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters	run hours (rese	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS)	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time	run hours (rese Delay o	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS)	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output	run hours (rese Delay o	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS)	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output	run hours (rese Delay o	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current	run hours (rese Delay o	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485)	_
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards Applied Mechanical Endurance	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards Applied Mechanical Endurance Standards	run hours (rese Delay o 2N	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), tttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II EN 61010-1 EN 61000-6-2, EN 61000-6-4	-
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards Applied Mechanical Endurance Standards CONNECTIONS	run hours (rese Delay o 2N 1	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II EN 61010-1 EN 61000-6-2, EN 61000-6-4 EN 60529	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards Applied Mechanical Endurance Standards CONNECTIONS Mounting	run hours (rese Delay o 2N 1	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), stable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II EN 61010-1 EN 61000-6-2, EN 61000-6-4 EN 60529 nel Mounting (PR 19) / Rail Mounting (PK 26)	
Digital Input Digital Input Pulse Width Digital Input Operating Voltage Digital Hour Meters Delay Time Contact Output Energy Pulse Output Switching Current Switching Voltage Pulse COMMUNICATION Communication Interface/Protocol Parity Address Transfer Speed AMBIENT CONDITIONS Ambient Temperature Over Voltage Category Pollution Degree STANDARDS Applied Security Standards Applied EMC Standards Applied Mechanical Endurance Standards CONNECTIONS	run hours (rese Delay o 2N 1 Front Pa	20ms. 1248 VAC/DC s HH HH HH HH.HH,total hours (non-resettable), ttable), setpoint hours (resettable). (for MPR-53CS) n and delay off 0-999,9 sec (for MPR-53CS) O contact 5A;1250VA (for MPR 53 CS) NPN transistor Maximum 50 mA 524VDC Maximum 30V DC 00ms pulse period, 80ms pulse width MODBUS RTU(RS-485) no, odd, even 1-247 2400-38400 bps -5 / +50°C III II EN 61010-1 EN 61000-6-2, EN 61000-6-4 EN 60529	

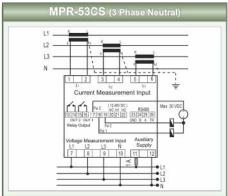
MPR-53 / EPM-07

Connection Diagram (PR19-96x96mm)

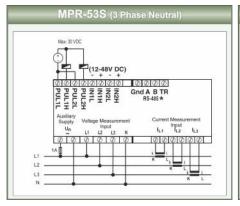


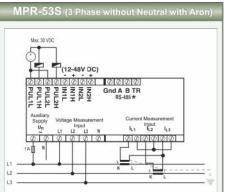


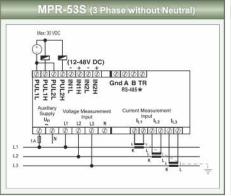


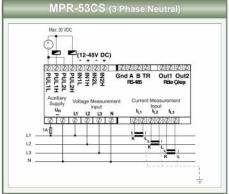


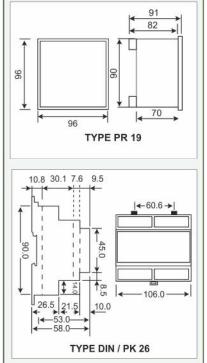
(PK 26 - DIN6)











Dimensions

Connection diagrams are given as references. For the latest connection diagrams, please refer to the user manual or www.entes.com.tr.

^{*} RS-485 terminals are standard for EPM-07S and MPR-53S