MMI 12RCM - Modular measuring equipment for the DIN top hat rail

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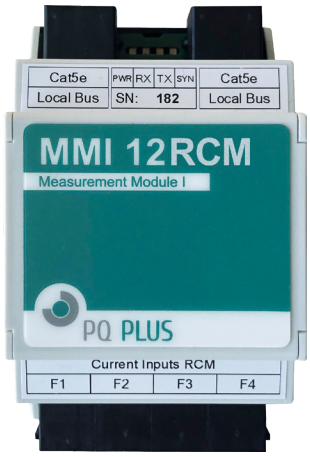
MMI 12RCM

The MMI 12RCM module is a power module for connection to an MMU 3 or any other master device with a local bus connection. Up to 12 residual currents can be measured with each MMI 12RCM. The MMI 12RCM can be connected to other devices via the local bus interface using an RJ45 cable. With a maximum of 5 interconnected modules, up to 60 residual currents can be measured. The current inputs are designed for residual transformers (e.g. type RCM-CT) and offer a connection via plug-in contacts.



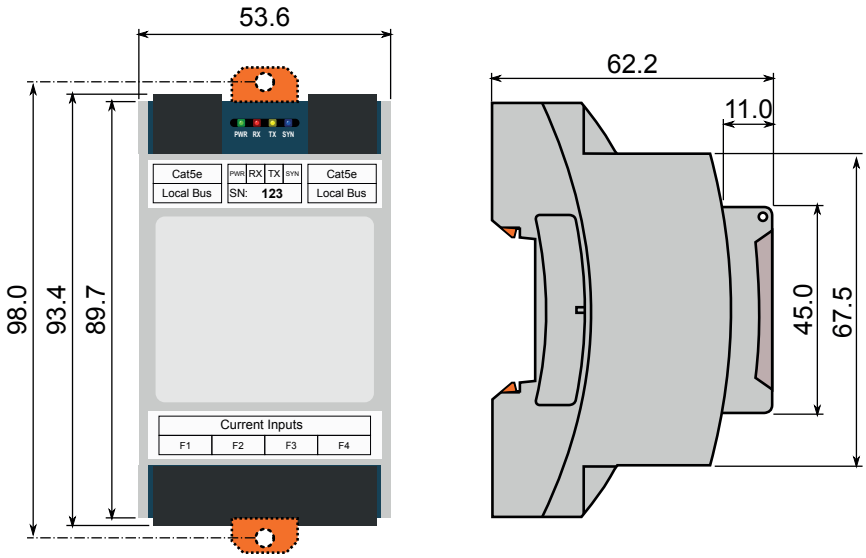
Application:

The device is used for continuous monitoring of residual currents.

Supply voltage	Measurement voltage		Measuring inputs	Functions			Communication					Type	Item number
24 V DC	5 - 1470 V LL	8 - 620 V LL	Number	Digital inputs/ outputs	Memory size in MB	Clock	Local Bus	RS485	Ethernet	Gateway Modbus master	USB		
●*	-	-	12I	-	-	-	●	-	-	-	-	MMI 12RCM	10.55.9000

* via local bus

Dimensional drawings



Technical specifications - MMI 12RCM

		MMI 12RCM
Communication	Interfaces	Local Bus
	Communication protocols	Internal bus
Electrical connection	Supply voltage	Supply via local bus
	Power input	1.5 W
	Overvoltage category	Depending on the transformer used
	Transformers	12x 20 mA (differential transformer)
	Overload current	Permanent: 100 mA AC / peak overload for max. 1 sec: 1 A AC
	Input impedance current	10 Ohm
	Input load current	< 0.01 VA
	Sampling rate	6.4 kHz
Mechanical attributes	Operating temperature range	-25 - 60 °C at < 95 % relative humidity
	Bearing temperature range	-40 - 80 °C at < 95 % relative humidity
	Protection class front / total	IP 40 / IP 20
	Dimensions WxHxD	54 x 94 x 61 mm
	Weight	0.1 kg

* depending on the variant