

WM50AV53HBC

Carlo Gavazzi WM50 Branch Circuit Meter WM50 Base



BRANCH CIRCUIT MONITORING



Component type	Multifunction energy meter
Range	WM50
Model	N/A
Product status	Existing

The Carlo Gavazzi WM50 Branch Circuit Monitoring solution connects directly to the load side of circuit breakers for simultaneous monitoring of numerous single and/or three-phase loads. Its compact size and ability to monitor up to 96 channels with its respective split core current sensor TCD12 make it ideal for high-density monitoring within a Power Distribution Unit (PDU). Its ability to manage up to 16 internal alarms, track events and data logging with onboard memory makes it a powerful addition to monitoring critical loads on site.

ELECTRICAL

Supply voltage AC 50 Hz	120 - 277 V
Refresh time	0.25 s
Type of display	LCD
Measurement parameter kW	Yes
Measurement parameter kW demand	Yes
Measurement parameter kWh	Yes
Measurement parameter kWh demand	Yes
Measurement parameter partial kWh	Yes
Measurement parameter kVA	Yes
Measurement parameter kVAR	Yes
Measurement parameter kVARh	Yes
Measurement parameter partial kVARh	Yes
Measurement parameter VA	Yes
Measurement parameter VAR	Yes
Measurement parameter (PF)	Yes
Measurement parameter VL-L	Yes
Measurement parameter VL-N	Yes
Measurement parameter THD (V,I)	Yes
Measurement parameter W	Yes

COMMUNICATION

Supporting protocol for Modbus	Yes
Supporting protocol for other bus systems	No

CONSTRUCTION

Terminal type	Removable terminal block
Mounting method	To panel
Degree of protection (IP), front side	IP65

DIMENSIONS

Height	96.0 mm
Width	96.0 mm

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DIMENSIONS

Depth	67.0 mm
Weight	0.5 kg

ENVIRONMENT

Operating temperature	-25 - 40 °C
Storage temperature	-30 - 70 °C
Humidity type	Non-condensing
Pollution degree	2

RELATED PRODUCTS

ACCESSORY

	Item No: TCD12WSS2TI030 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 30cm		Item No: TCD12WSS2TI200 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 200cm
	Item No: TCD12WSS2TI050 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 50cm		Item No: TCD12WSS2TI300 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 300cm
	Item No: TCD12WSS2TI100 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 100cm		Item No: TCD12WSS2TI500 Required: No Description: Carlo Gavazzi WM50 CT Connection Cable for TCD12 500cm