



## DHC-96 Vdc

Digital instruments 96 x 48

Code: M22388.

#### Description

Panel-mounted digital instruments that display the value of an electrical variable measured or proportional value of a process signal on its screen (depending on the model). Designed to supervise, regulate and control units with the use of relay outputs that are built in the unit.

The DHC-96 series displays the value of an electrical variable measured or proportional value of a process signal on its screen (depending on the model). The unit displays the electrical parameters of a single-phase installation, depending on the model, such as the voltage, current, etc. In DC systems, the unit can measure the voltage, current, frequency and other variables associated with industrial processes. The AC models take the measurements in true RMS (TRMS).

All models in this range have the following features:

- $\circ$  Universal power supply at 80...270 V<sub>ac/dc</sub> (DHC-96-CPM: 100...270 Vac/dc) and optional power supply at 16 ... 36 V<sub>dc</sub> (DHC-96-CPM: 20...60 Vdc)
- o IP 54 protection degree on the front panel
- High measurement accuracy
- o Programmable measuring input
- o Alarm delays and interlockings
- o Galvanic insulation between external circuits
- o Self-configurable decimal point
- o Installed on 96 x 49 mm panels

### **Application**

These digital instruments have many different applications and can be used in:

- Industrial applications
- Air conditioning units
- o Solar photovoltaic energy installations
- o Industrial process control systems







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### **Specifications**

Mechanical characteristics		
Size (mm) width x height x depth	96 x 49 x 89.2 (mm)	
Weight (kg)	0,2	
Serial communication		
Protocol	ModBus RTU	
Technology / Type	RS-485	

### DHC-96

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CODE	TYPE	Protocol	Scale	Communications	N° relays	Analog output	System	Paramètre	Modules	Measure	Power supply (Vac)
Voltmete	rs										
M22318.	DHC-96 Vac	Modbus/RTU	63,5 V / 100 V / 110 V /230 V /380 V /480 V	RS-485	2	1 (20 mA)	AC	V ~	96 x 48		
M22388.	DHC-96 Vdc	Modbus/RTU	± 10 Vdc / ± 24 Vdc / ± 48 Vdc	RS-485	2	1 (20 mA)	DC	Vdc	96 x 48	± 10 Vdc / ± 24 Vdc / ± 48 Vdc	80 270 Vac/Vdc
M22338.	DHC-96 HVdc	Modbus/RTU	± 1500 V	RS-485	2	1 (20 mA)	DC	Vdc	96 x 48		
Ammeter	s										
M22348.	DHC-96 mVdd	Modbus/RTU	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	RS-485	2	1 (20 mA)	DC	V dc	96 x 48		
M22358.	DHC-96 Aac	Modbus/RTU	1 A~ / 5 A~	RS-485	2	1 (20 mA)	AC	A ~	96 x 48		
M22378.	DHC-96 Adc	Modbus/RTU	1 Adc / 5 Adc	RS-485	2	1 (20 mA)	DC	A dc	96 x 48		
Process in	ndicators										
M22368.	DHC-96 mAdd	: Modbus/RTU	-20 +20 mA / 020 mA / 420 mA	RS-485	2	1 (20 mA)	DC	mAdc	96 x 48		

Option of 0/2... 10 VDC outputs on demand

