DH96 CPP

Digital unit used to control the maximum demand

Description

Features

Power supply circuit	230 Vac (-15...+10%)
Consumption	4 V·A (without card), 7 V·A (with card)
Frequency	45..0.65 Hz
Measurement circuit	
Reading accuracy	0.5 % (±1 dig)
Resolution	10 bits
Overvoltage (permanent / during 10 s)	1.2 U_n / 2 U_n
Overload (permanent / during 10 s)	1.2 I_n / 5 I_n
Measurement margin	2 ...120 %
No. of conversions per cycle	32
Display	Seven 14 mm segments, red
Digits	4
Display refresh	< 1s
Decimal place	Programmable
Scale excess indicator	" - - - - "
Insulation	Between the input, measurement and optional card output
Test voltage	3 kV, 50 Hz, 1 min
Impulse test	4 kV (1.2 / 50 ms)
Output relays	1 simple contact
Isolation voltage	750 V contact-contact / 2 000 V Contact-Coil
Thermal current (Ith)	5 A
Maximum operation power	750 V·A
Mechanical working life	2 x 107 operations
Electrical working life	30 000 operations at 5 A and 250 V
Digital inputs	2 inputs, potential-free contacts (20 mA-24 Vdc)
Ambient conditions	
Storage temperature	- 40 ... +70 ºC
Operating temperature	-10 ... +65 ºC
Build features	
Box material	ABS V0, grey anthracite
Degree of protection	Box and terminals: IP 20 / Front panel: IP 54
Weight	550 g
Standards	
IEC 1010, IEC 348, IEC 664, VDE 0110, VDE 0435	

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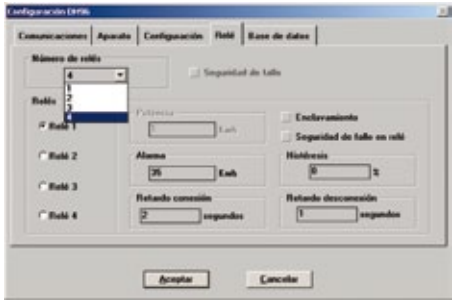
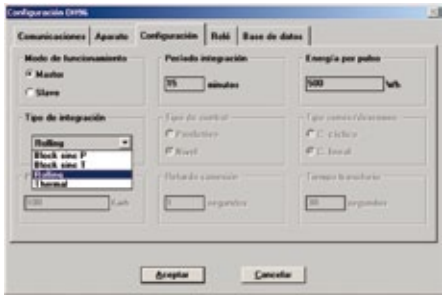
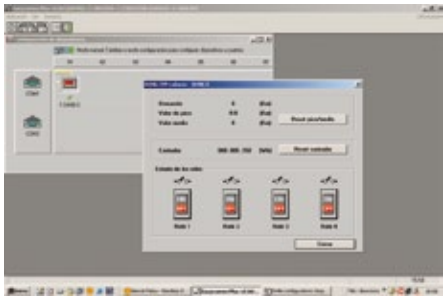
Software







References

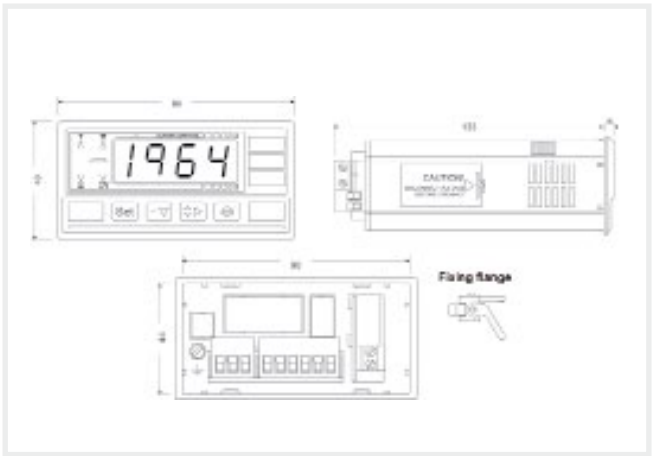
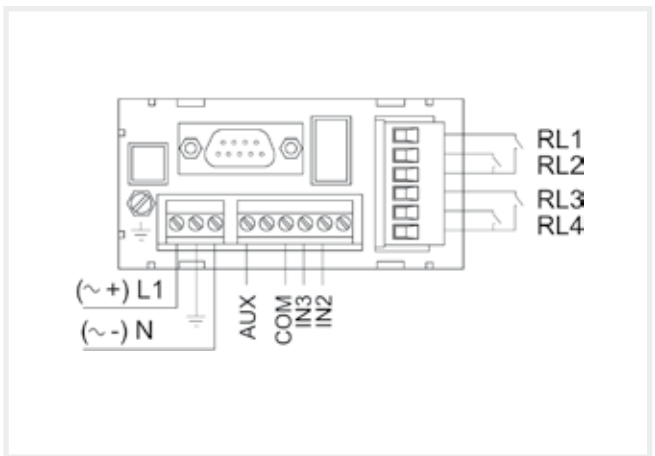
Communications	Type	Code
–	DH96 CPP	M60201
RS-485	DH96 CPP-RS	M60211

Coding table

M	6	X	X	X	X	0	0	X	X
Code						Internal Code			

Auxiliary power supply	Standard (230 V)	0
	100 ... 120 V ac	1
	380 ... 400 V ac	3
	480 ... 500 V ac	4
	18 ... 36 V dc	7
	36 ... 72 V dc	8
	40 ... 170 V dc	9
Current input	Standard (.../ 5 A)	0
	.../ 1 A	1

Dimensions



Connections