

Digital instruments

Table: Digital instruments selection

		DCB	DHC-96	DCP-96
				
Mounting	Pannel	72 x 72	96 x 48	96 x 96
	DIN rail	–	–	–
AC measurement	Single-phase	●	●	●
	Three-phase	–	–	●
AC measurement Parameters	Voltage	DCB-xx-Vac	DHC-96 Vac	DCP-96 Vac
	Current	DCB-xx-Aac	DHC-96 Aac	DCP-96 Aac
	Active power (W)	–	–	–
	Frequency (Hz)	DCB-xx-Vac / DCB-xx-Aac	DHC-96 Vac DHC-96 Aac	●
	Maximum demand (A)	–	–	–
DC measurement Parameters	Voltage	DCB-xx-HVdc	DHC-96 Vdc DHC-96 CPM DHC-96 CPM HS DHC-96 HVdc DHC-96 CPM 1500	
	Voltage (mV) - Indirect current mV Shunt	DCB-xx-mVdc	DHC-96 mVdc DHC-96 CPM DHC-96 CPM 1500	–
	Current	DCB-xx-Adc	DHC-96 Adc	–
	Process signal (±10 V)	DCB-xx-LVdc	DHC-96 LVdc DHC-96 Vdc	–
	Process signal (mA)	DCB-xx-mAdc	DHC-96 mAdc	
Accuracy	0,5%	●	●	●
Other options	Auxiliar output relay	DCB-72xx-20R	2	–
	Analog output	–	1	–
	Transistor input	–	2	–
	Communications port	–	RS-485 (Modbus RTU)	–
	Auxiliar power supply	80...270 Vca/Vcc 18...36 Vcc	80...270 Vca/Vcc 18...36 Vcc (OP) 20... 60 Vdc (OP)	80...270 Vca
	Frontal adapter	●	●	–

OP - Opcional / T - Depending on the type



DCB Digital instrument

80 ... 270 Vac / Vdc power supply voltage

Type	Code	System	Measurement Range U	Measurement Range I	Output relay	Size(mm)
Voltmeters						
DCB-72 Vac	[*] M22210.	AC	480 V	–	–	72 x 72
DCB-72 Vac-20R	[*] M22212.	AC	480 V	–	2	72 x 72
DCB-72 LVdc	[*] M22220.	DC	± 10 Vdc	–	–	72 x 72
DCB-72 HVdc	[*] M22230.	DC	± 1500 Vdc	–	–	72 x 72
Ammeters						
DCB-72 Aac-20R	[*] M22252.	AC	–	.../5 A .../1 A	2	72 x 72
Process indicators						
DCB-48 mVdc	[*] M22140.	DC	200 mV	–	–	48 x 48

TABLE OF ADDITIONAL FEATURES

DCB	
Code	Internal Code
M 2 X X X X 0 0 X	
	Delivery time
Auxiliary supply	Standard (80... 270 V _{ac})
	18 ... 36 V _{dc}