



CBS-4C

CBS-4C, Station with 4 programmable residual current relays, type A

Code: P12712.

- > Protocol: Modbus/RTU
- > Módulos: 3
- > Pre-alarm relay: Yes
- > Communications: RS-485
- > N° relays: 4
- > IΔn (A): 0,03 ...30 A
- > Power supply (Vac): 230 Vac
- > Delay: 0,02 ... 10 s, INS, SEL
- > Mounting: DIN rail

Specifications

AC power supply	
Consumption	6 VA
Frequency	50/60 Hz
Nominal voltage	110 - 230 V~ (± 20 %)
Mechanical characteristics	
Size (mm) width x height x depth	52.5 x 85 x 67.9 (mm)
Fastening	DIN rail
Weight (kg)	0,28
Environmental characteristics	
Protection class	IP 20 (terminals), IP 41 (rear panel)
Relative humidity (without condensation)	5 ... 95 %
Ambient temperature	-40 ... +85 °C
Working temperature	-10 ... +50 °C
Characteristics solid state contact for pre-alarm	
Max. power consumption 230 Vac : 5 VA / Umax: 275 Vac	
Varistor characteristics	
Maximum voltage	275 Vca
Communications	
Protocol	Modbus/RTU
Type	RS-485
Speed	9600 ... 115200 Bd
External reset input for tripping	
Type	Optocoupled
Maximum power	0,7 W
Maximum voltage	230 Vca



CBS-4C

Multipoint residual current system for measurement and signalling with external transformer of the WGS / WGS series

Code: P12712.

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300V ca, IEC 61010
Standards	IEC 60947, IEC 60755, IEC 62020, IEC 61008

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010-1)
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Digital relay outputs

Nominal load in AC1	1500 VA
Nominal current	6 A ~
Nominal voltage	250 V ~
Maximum current	10 A ~
Mechanical life	10 x 10 ⁶

Differential protection

Type	Type A ultra-immunised
Sensitivity (IΔn), A	0,03 ... 30
Delay time (tΔ)	Programmable: 0.02 ... 10sInverse curve: Instantaneous or selective
Transformer	External, WG / WGC series

Protection

LED indication	Power supply voltageEarth leakage trippingPrealarm
Measure	True root mean square (TRMS)
Circuit breaker type	Contactors or Circuit Breaker + trigger coil

CBS-4

CODE	TYPE	Nº relays	IΔn (A)	Módulos	Pre-alarm relay	Power supply	Communications	Protocol
P12711.	CBS-4	4	0,03 ...30 A					
P12712.	CBS-4C	4	0,03 ...30 A					
P12A70.	CBS-40A	4	0,03 ... 30 A	3	Yes	110 ... 230 V~		
P12A71.	CBS-400A	4	0,03 ... 30 A	3	Yes	110 ... 230 V~	RS-485	Modbus/RTU



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Dimensions



Connections

