



CBS-4C-RA

CBS-4C-RA, Central residual current protection

Code: P24912.

- > Communications: RS-485
- > N° relays: 4
- > IΔn (A): 0,03 ... 30 A
- > Delay: 0,02...10 s, INS, SEL
- > Nr. reclosures: Programmable
- > Breaking element: Contactor
- > Type of protection: Type A

Specifications

AC power supply

Consumption	6 VA
Frequency	50/60 Hz
Nominal voltage	230 V~ (± 20 %)

Mechanical characteristics

Size (mm) width x height x depth	52.5 x 85 x 67.9 (mm)
Envelope	Polycarbonate V0
Fastening	DIN (IEC 60715)
Weight (kg)	0,28

Environmental characteristics

Protection class	IP 41 (front), IP 20 (side and rear cover)
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-20 ... +55 °C
Working temperature	-10 ... +50 °C

Varistor characteristics

Maximum voltage	275 V~
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Communications

Protocol	Modbus/RTU
Speed	2400 ... 115200 bps

External reset input for tripping

Type	Optocoupled
Maximum power	0,7 W
Maximum voltage	230 V~ ±20 %

Standards

Electrical safety, Maximum height (m)	2000
Standards	IEC 60947-2-M, IEC 62020, IEC 61008-1



CBS-4C-RA

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

Code: P24912.

User interface

LED	2
Keyboard	7 keys
Display type	LCD

Digital relay outputs

Nominal load in AC1	1500 VA
Nominal current	6 A ~
Nominal voltage	230 V ~
Maximum current	10 A ~

Differential protection

Type	Type A ultra-immunised
Sensitivity ($I_{\Delta n}$), A	0,03 ... 30
Delay time (t_{Δ})	Programmable: 0.02 ... 10s Inverse curve: Instantaneous or selective
Transformer	External, WG (WG/WGS/WGC) series

Protection

Measure	True root mean square (TRMS)
Circuit breaker type	Contactator

CBS4-RA

CODE	TYPE	$I_{\Delta n}$ (A)	Breaking element
P24911.	CBS-4 RA	0,03 ... 30 A	Contactator
P24912.	CBS-4C-RA	0,03 ... 30 A	Contactator



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

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Dimensions



Connections

