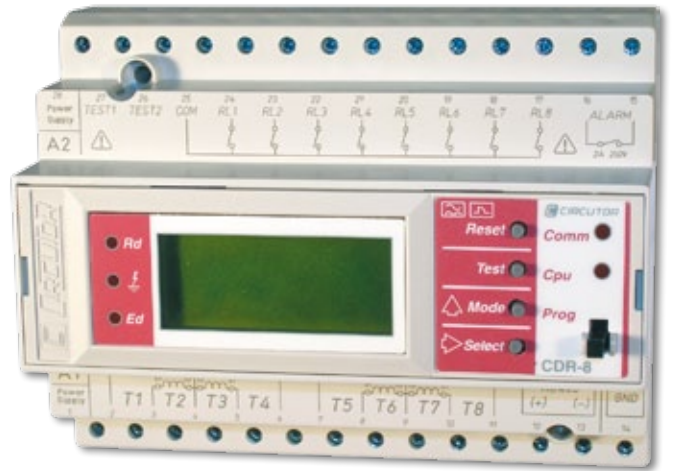


# CDR-8

Current relay station



## Description

The **CDR-8** unit measures, calculates and displays the current of 8 independent channels. Each channel can be configured as an earth leakage or current relay. It measures the true root mean square, taking decisions about the operations being carried out. It can work as a maximum or minimum current relay or as an earth leakage relay.

The **CDR-8** can show the earth leakage current and status of the operations relay of each of the 8 channels on an LCD display.

## Application

This unit can be used to measure and control the current of up to 8 lines, with a set of reduced dimensions

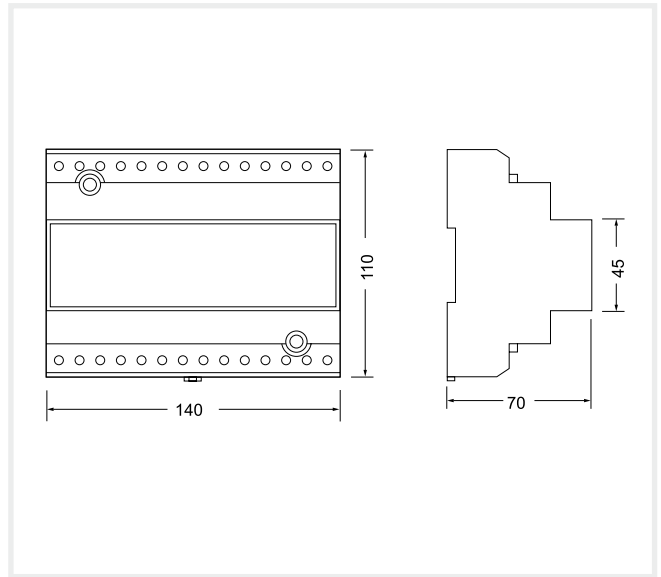
## Features

<b>Power supply</b>	
Auxiliary power supply	230 Vac (-15 ... +20 %)
Output contacts	Configurable contact NO/NC 250 Vac, 5 A
Number of channels	8
Class in earth leakage mode	A (superimmunized)
Measurement	True root mean square. Accuracy: 5 %
Current threshold / Sensitivity	With transformer, <b>WG</b> Series: Programmable 0.03...6 A With transformer, <b>WGP</b> Series: Programmable 0.3...0.60 A
Delay	Inverse curve: instantaneous or selective Time defined: 0,1 ... 10 s
Earth leakage transformer	External, <b>WG/WGP</b>
Test and Reset	With keys
Associated circuit breaker	Minimum coil or emission trip
<b>Automatic reclosing</b>	
Number of earth leakage reclosures	Programmable: 0 ... 10
Time between reclosures	Programmable: 1 ... 900 s
Partial counter reset time	Double the reclosing time
<b>Relay signaling</b>	
LED	Trip LED, permanent: Protection trigger Trip LED, flashing: Pre-alarm CPU LED: Indicates the presence of voltage Ed LED: Interlocked earth leakage reclosing Rd LED: Self-reclosing enabled Comm LED: Relay communications through RS-485
Display	Indicator of the level of current in each channel Indicator of the status of each channel (ON-OFF)
<b>Remote signaling (Outputs)</b>	
Contacts	Configurable output NO/NC for the pre-alarm indicator
Communications	RS-485. <i>PowerStudio</i> supervision and remote control <b>Software</b>
<b>Circuit breaker control</b>	
Output contacts	Configurable contact NO/NC 250 Vac, 5 A
<b>Ambient conditions</b>	
Operating temperature	-10 ... +50 °C
<b>Build features</b>	
Fixing	DIN rail
Dimensions	8 modules

# CDR-8

Current relay station

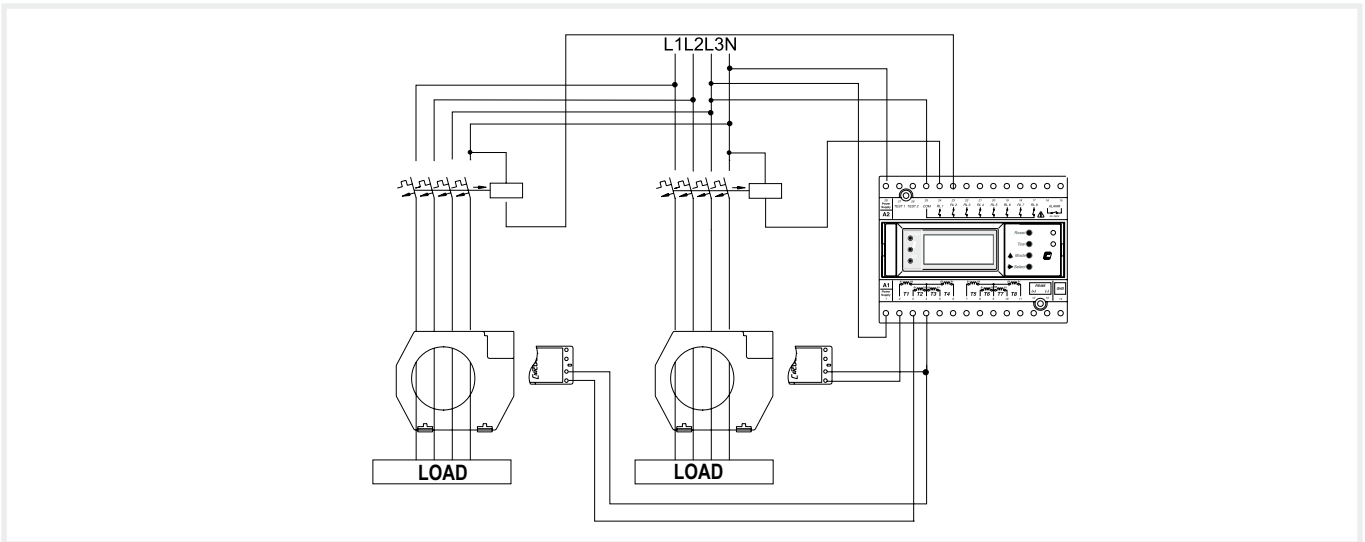
## Dimensions





## References

Size	Indicator	No. of reclosures	Time between reclosures	Type	Code
8 modules	LED and display	Prog.: 0 ... 10	Prog.: 1 ... 900 s	CDR-8	P32111

## Connections



## Relation between products and accessories

		WG	WGP
CDR-8 		Earth leakage transformers, WG	Earth leakage transformers, WG
		See P1	See P1