

# LCR-S-4C

## LCR-S-4C Earth-leakage relay class Type A ( With low pass filter) with 4 channels

Multipoint earth leakage relay 4 inputs with associated toroid sensors measure the leakage current in an electrical installation to detect levels that may be damaging. Ideal for protection or alarming, the products offer multiple setting. RS485 is available.



Compatible with **LCT** earth leakage transformers

### Introduction

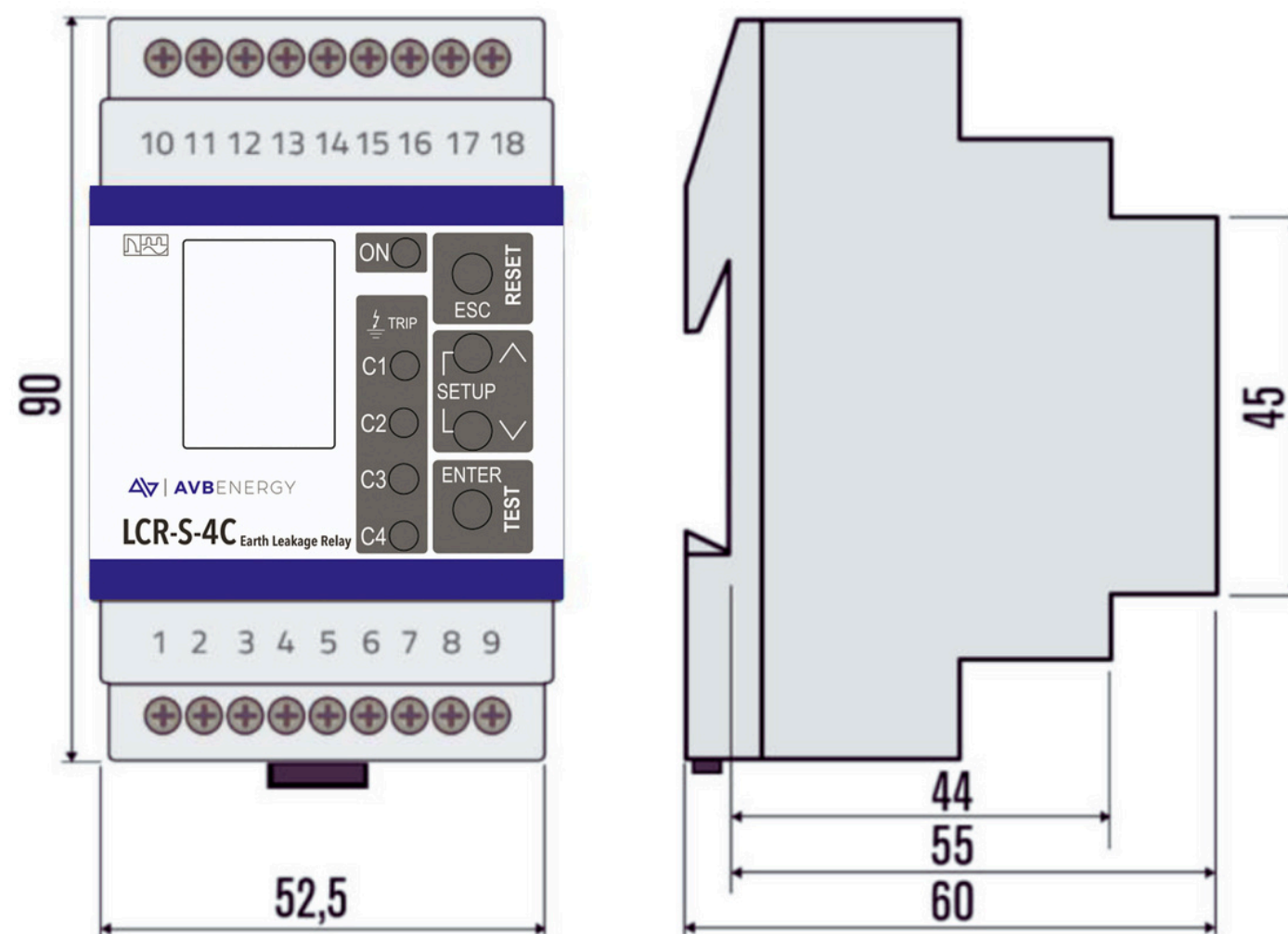
Origin	ITALY
Range	LCR
Product name	LCR-S-4C
Product type	Residual current protection relay
Current sensors compatibility	LCT earth leakage current sensor

### Technical characteristics

Application	Residual current protection relay
Supply voltage	230 VAC 50/60Hz 110 VAC 50/60Hz (optional) 24/48 VAC/DC (optional) 24-230 VAC/DC (optional)
Power consumption	6 VA
Display type	Backlight LCD (red TRIP) Backlight LCD (yellow ALARM)
Type of measurement	True RMS Earth fault current internal measurement
Residual earth-leakage adjustment	0,030...30 A
Residual earth-leakage time delay adjustment	0,02...10 s
Alarm threshold setting	50...90%
Earth-leakage protection class	Type A (with low pass filter)
Filter	Low pass filter selectable
Test function	Local Remote test
Output relays	4 independent (TRIP) 5 A (240 VAC) Configurable normally de-energised or energised
Display indications	Green LED (power ON) Red LED (TRIP) Yellow LED (ALARM)
Communication port	RS485 (optional)

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Communication protocol	Modbus a 4,8...115,2 kbauds
Mounting mode	DIN rail 3 modules
Standards	IEC/EN 61010 IEC/EN 61000-6-2EN IEC/EN 61000-6-3 IEC/TR 60755 CEI EN 60947-2 Annex M
Weight	200g
<b>Environment</b>	
IP degree of protection	IP40 front IP20 terminals
Relative humidity	5...90%
Operating temperature	-10...+60 °C
Storage temperature	-20...+80 °C
<b>Options</b>	
Communication port	RS485
<b>Dimensions</b>	



## Connections

