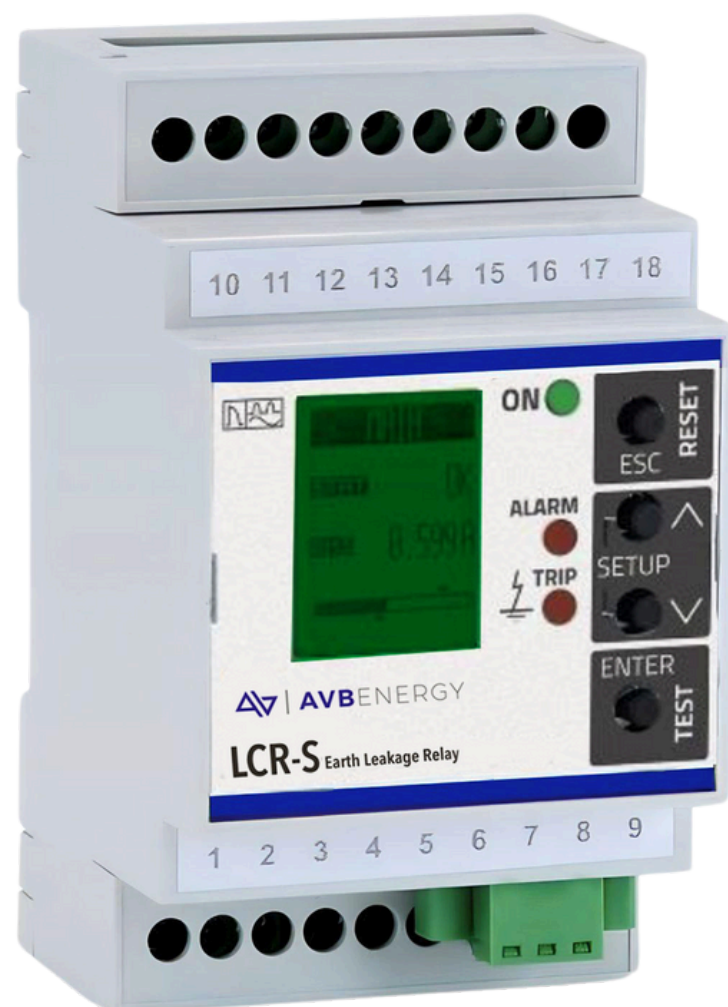


LCR-S



Compatible with **LCT** earth leakage transformers

LCR-S Tripping set-point 0,03...30A. 2 thresholds. Log. RS485.

Earth differential relay with associated toroidal sensor input, measures the leakage current in an electrical installation to detect levels that could be harmful. Ideal for protection or alarm, the product offers multiple settings. 2 relay outputs (ALARM and TRIP) each with 1 changeover contact. RS-485 communication with Modbus RTU protocol available. Log tripped residual current

Introduction

Origin	ITALY
Range	LCR
Product name	LCR-S
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 115 VAC (optional) 24-48 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	0,030...30 A
N° of reset trip attempts	1...10 (configurable)
Earth-leakage protection class	Type A(with low pass filter)
Filter	Low pass filter selectable
Test function	Local Remote test
Output relays	2 independent 5 A (240 VAC) Configurable normally de-energised or energised
Display indications	Green LED (power ON) Yellow LED (ALARM) Red LED (TRIP)

LCR-S

Communication port	RS485 (optional)
Communication protocol	Modbus a 4,8...115,2 kbauds
Mounting mode	DIN rail 3 modules
Standards	2014/35/UE 2014/30/UE 2015/863/UE EN 61326-1:2013-01 EN 61326-2-1:2013-01 EN 61326-2-2:2013-01 EN 61326-2-3:2013-01 EN 61326-2-4:2013-01 EN 61326-2-5:2013-01 EN 60947-2:2017-10 (Annex M) EN 61543/A2:2006-02 CEI EN 61543/A11 CEI EN 61543/A12
Weight	200g

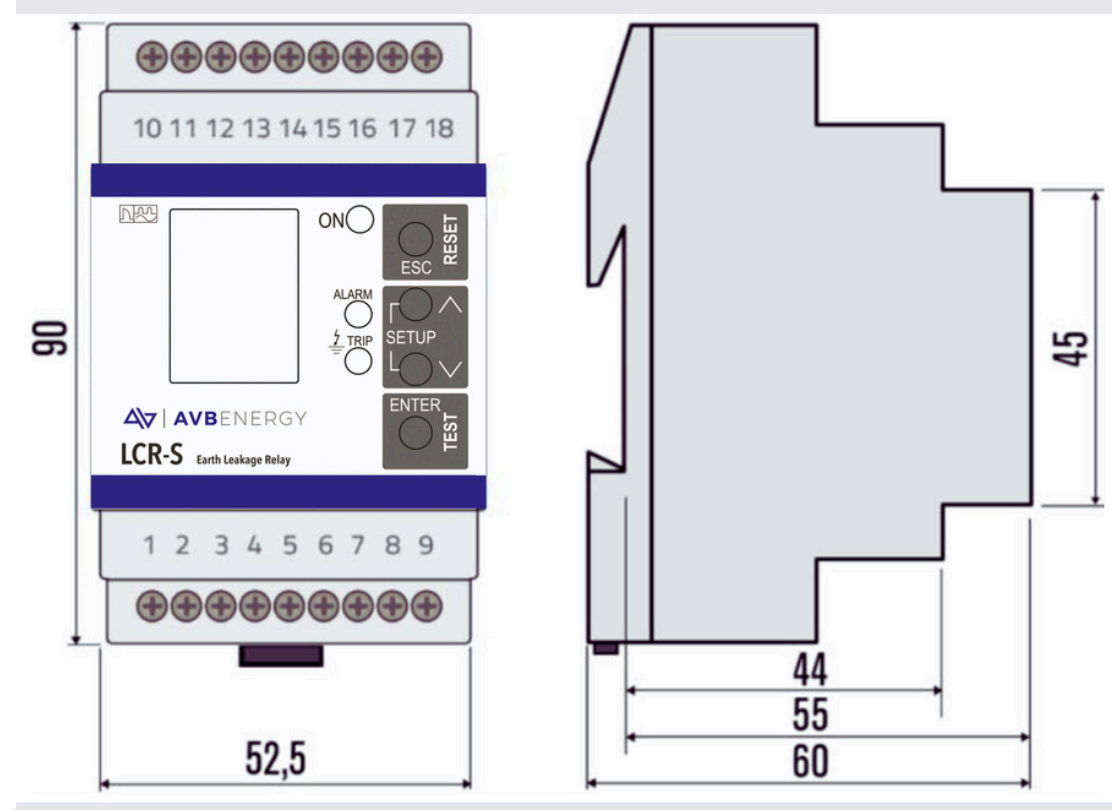
Environment

IP degree of protection	IP40 front IP20 terminals
Relative humidity	5...90%
Operating temperature	-10...+60 °C
Storage temperature	-20...+80 °C

Options

Communication port	RS485
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Dimensions



Connections

