



HR510

EARTH LEAKAGE RELAY 0.03-10A TIME DELAY

Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	230 V

Voltage

Max operating voltage	276 V
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Electric current

Acceptable current rating with AC1	8 A
Rated residual operating current	30/100/300/500/1000/3000/10000 mA
Torroids : Allowed overload	30kA, 100ms

Length

Maximum connection distance between receiver and transmitter	25m and 50m twisted pair
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Power

Power consumed	5 VA
Total power loss under IN	4,1 W

Installation, mounting

Tightening torque	1,7Nm
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Connection

Connection cross-section in flexible cable for the measurement	1 to 2,5 mm ²
Connection cross-section in massive cable for the measurement	1,5 to 4 mm ²
Connection cross-sect. rigid cable	1,5 / 4mm ²
Connection cross-sect. flexible conductor	1 / 2,5mm ²
Type of contacts	Stand 1 OF

Settings

Delay adjustable	yes
Time delay of residual current	0/0,1/0,3/0,4/0,5/1/3 s

Standards

European directive WEEE	concerned
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Safety

Protection index IP	IP30
Residual current type	A

Use conditions

Altitude	2000 m
Storage temperature	-25 to 70 °C