












## ELR-1E Earth Leakage Relay

Flush Mounting Version Din 96x96mm  
with reduced depth enclosures  
110 Vac/dc - 230 - 400 Vac

-  DIN 96x96 mm
-  High reliability
-  Reduced depth (60 mm)
-  Simple wiring
-  Wide range tripping characteristics (current/time)
-  Suitable for selectivity with other ELRs up or down stream
-  Fitted filters to comply with VDE and IEC Standards
-  High immunity to external disturbances
-  Automatic or manual reset available.

## ELECTRICAL CHARACTERISTICS

Description	ELR-1E
Auxiliary voltage supply	110Vac/dc-230-400Vac (standard) or 24-48Vac/dc or 12Vac/dc
Frequency	50 ÷ 60 Hz
Maximum consumption	4 VA
Tripping current setting range $I_{\Delta N}$	0,025÷0,25A K=0,1 - 0,25÷2,5A K=1 - 2,5÷25A K=10 25÷250A*
Alarm current setting range	
Tripping time setting range	0,02 ÷ 0,5 sec. K=1 - 0,2 ÷ 5 sec. K=10
Mechanical signalisation	-
Output: changeover contacts	Nr.1 5A 250V
Working temperature	-10 + 60°C
Storing temperature	-20 + 80°C
Relative humidity	90%
Insulation test	2,5 kV 60 sec.
Standards of reference	CEI 41-1/IEC 255/VDE 0664/IEC 755/CEI 64.8/ EN 61008-1(1999-11)/EN 62020 (1999-09) / EN 61543 (1996-09) /EN61326-1(1998-04) / EN 61326/A1 (1999-05)-IEC 60947-2 ANNEX M
Wiring type	Screw terminals / cross section cables 2,5 mm <sup>2</sup>
Terminal protection degree according with DIN 40050	IP20
Frontal protection degree	IP52 (optional IP65)
Selectable fail safe for each output relay	-

## DIMENSIONS

