

HLR3 & HLR12

Heinelec Emergency Lighting Control Units have been specifically designed and manufactured in Australia to comply with the appropriate clauses of AS2293.1-2005 for emergency escape lighting and exit signs for buildings. Unique to these units are voltage sensing, timing for battery discharge test, test and reset functions, LED indication for status of supply, sensing circuits, test in progress and reset timing.



HLR3



HLR12



HLR12 in self-contained enclosure

Features

- DIN rail mounting for incorporating into distribution switchboards
- Available in self contained enclosure with NC or NO contactor and lockable hinged door
- LED status indication
- Provision for sensing up to 3x240V lighting circuits (HL3) and 12x240V lighting circuits (HLR12) - can be different phases
- TEST button simulates lighting circuit failure and initiates automatic two hour minimum (battery discharge) time delay
- RESET button aborts test function
- Selectable 10 second or 10 minute reset delay following restoration of normal supply to all sensing circuits
- 10 minute delay can eliminate the need for immediate restrike lighting (HLR12)

Applications

- Provides under voltage sensing and voltage sensing for up to 3 lighting circuits (HLR3) and 12 lighting circuits (HLR12), together with control, timing, test and reset functions for emergency escape lighting and exit signs in buildings in accordance with the appropriate clauses of AS 2293.1-2005 and as defined in the Building Code of Australia.
- Factory fitted within new distribution switchboards
- Retro-fitment to existing distribution switchboards on site
- Factory fitted within lockable load centres

HLR3 & HLR12

Technical Data

- Complies with appropriate clauses of AS 2293.1-2005
- HLR3 unit dimensions (HxWxD) - 87mm x 72mm x 75mm
- HLR12 unit dimensions (HxWxD) - 87mm x 144mm x 75mm

Selection Data

Emergency Lighting Control Unit		
FEATURE	HLR3	HLR12
Sensing Circuits	Three	Twelve
Sensing Circuit Voltage (50hz)	240/415V	240/415V
Sensing Circuit Operation	<180V with reset at >210V	<180V with reset at >210V
Sensing Circuit Withstand	1kV	1kV
Supply Voltage (50hz)	240V	240V
Power Consumption	13 Watts	14 Watts
Output Contact Rating	6A AC1 at 240V AC (use in conjunction with NC or NO Contactor)	6A AC1 at 240V AC (use in conjunction with NC or NO Contactor)
Output Contact	Closed for normal operation. Open for emergency lighting test/operation.	Closed for normal operation. Open for emergency lighting test/operation.
Temperature Range	-10°C to 55°C	-10°C to 55°C
LED Status Indication	Power OK, Test in progress	Phase failure, Circuit sensing, Test in progress
Reset Time Delay	10 seconds	Selectable: 10 seconds or 10 minutes

HE008

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