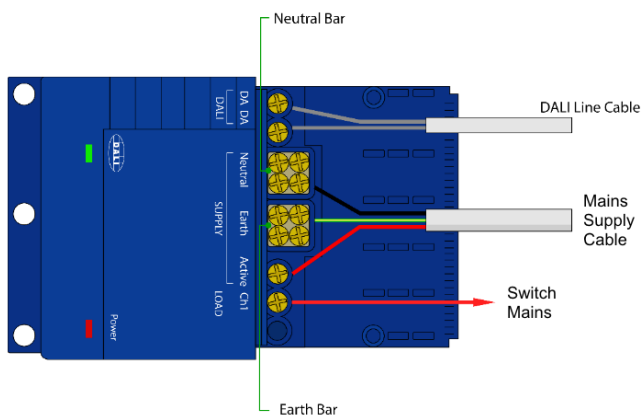
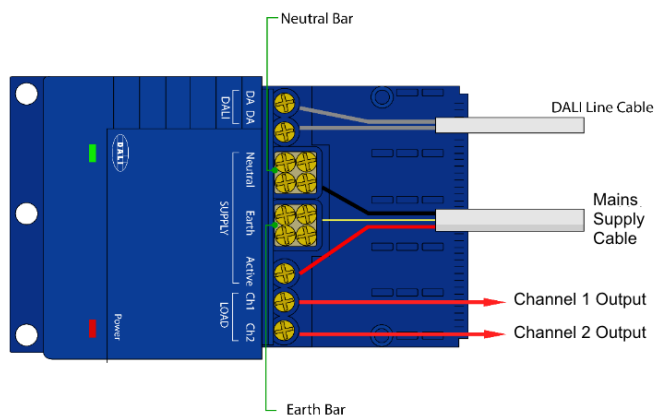


Connections

One Channel Relay: DGOZ-RLY-16A-01



Two Channel Relay: DGOZ-RLY-16A-02



Specifications

Parameter	Specification
Number of Switched Outputs	DGOZ-RLY-16A-01: 1 DGOZ-RLY-16A-02: 2
DALI Compatibility	DALI and DALI-2
DALI Operating Voltage	16 V dc (nominal), with suitable operation from 9.5 V – 22.5 V
DALI Line Current Draw	2 mA
DALI Mains tolerance	DALI input is mains voltage tolerant
DALI Device Type	Type 7 – optional threshold switching functions fully implemented
Power source	ac mains
Nominal Mains Supply Voltage	100 – 240 V ac
Mains Frequency Range(s)	47 – 63 Hz
Electrical Isolation	4 kV (DALI to Mains)
Status Indicators	Power – Red ON DALI – Green ON
Load Rating	Ac Loads: Resistive, Inductive, Fluorescent, LED, Capacitive: 16 A per channel Motor: 2 A (1 HP) per channel
Inrush Current Rating	500 A (2 ms)
Relay Switch Operations	> 50 000 operations at rated load
Relay Contact Type	Bifurcated High Inrush
Standby Power	< 150 mW
Mains Terminals	2 x 2.5 mm ² maximum per terminal or 3 x 1.5 mm ² maximum per terminal
DALI Terminals	2 x 2.5 mm ² maximum per terminal or 3 x 1.5 mm ² maximum per terminal
Operating Temp. Range	0 - 50°C
Operating Humidity Range	0% to 95% RH non-condensing
Ingress protection	IP20
Mounting Arrangement	Surface mount via 6 mm mounting holes DIN rail mounting (with optional DIN rail mounting bracket)
Housing Material Type	Flame Retardant Polycarbonate, UL 94V-0
Weight	1 Channel: 160 g 2 Channel 175 g

Standards & Compliance***EMC and Electrical Safety Frameworks and Standards***

IEC 60669-2-1, EN 60669-2-1, AS/NZS 60669.2.1
IEC 61000-3-2, -3, EN 61000-3-2, -3, AS/NZS 61000-3-2, -3
IEC 61000-4-2, -3, -4, -5, -6, -8, -11
EN61547:2009
AS/NZS CISPR 15:2011

DALI Standards and Compliance

IEC 62386-101 Ed 2 (DALI-2)
IEC 62386-102 Ed 2 (DALI-2)
IEC 62386-208 (Device Type 7, switching function)

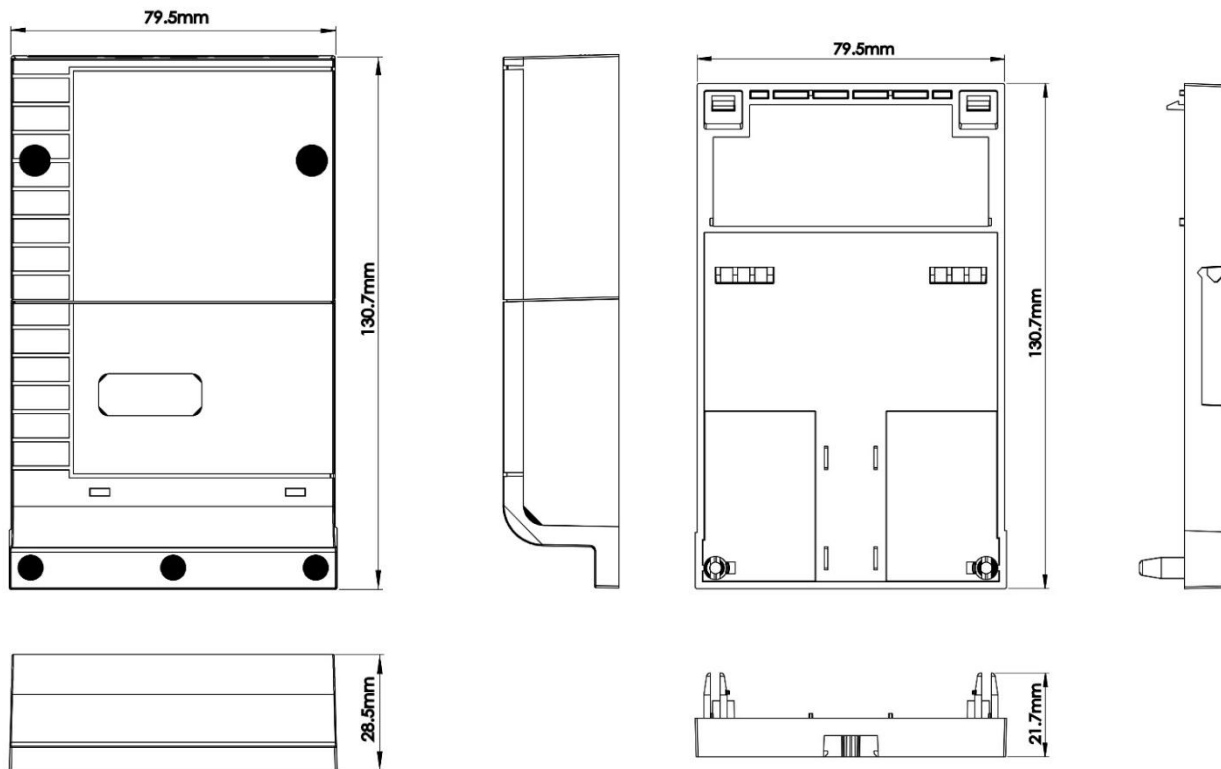
EC Council Directives

2014/35/EU Low Voltage
2014/30/EU Electromagnetic Compatibility (EMC)
2015/863 Restriction of Hazardous Substances (RoHS) in Electrical and Electronic Equipment

IP20**CE****UK
CA****RoHS**
COMPLIANT**Important Notes**

This product does not contain any wireless capabilities, ie no WiFi, Bluetooth, NFC, Zigbee, Thread, etc.

Dimensions



DALI Relay Device

Optional Mounting Bracket

Contact Information



More Solutions Ltd
Registered in England, UK
(0456 0902)

www.more-lighting.co.uk
[+44 344 251 1450](tel:+443442511450)
sales@more-solutions.co.uk

Manufacturer Information

Ozuno Trading Pty Ltd www.ozuno.com
ABN: 96 621 194 483 [+61 8 8362 7584](tel:+61883627584)
sales@ozuno.com

This product includes a **TWO-YEAR WARRANTY** against manufacturing defects.

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