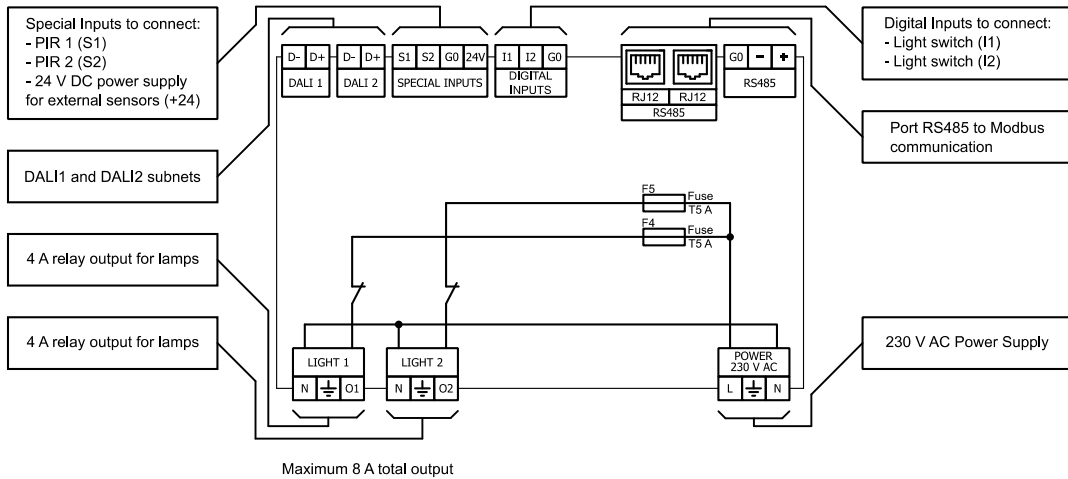


# ISMA-B-2D

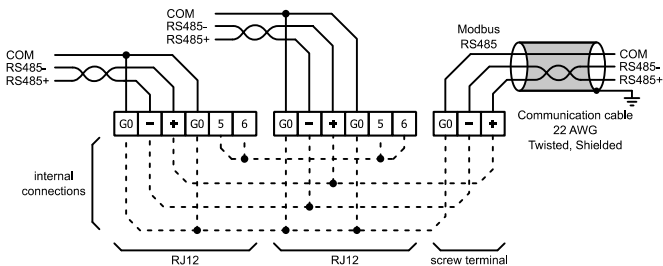


SPECIFICATION	
Supply	230 V AC
Power Consumption	Max. 8 VA
Special inputs	2x dry contact
Digital inputs	4x dry contact inputs for light switches
Digital outputs	2x relay outputs for lights; max. load 4 A @ 230 V AC
Interface	RS485, 2x DALI interfaces (max 16 devices, integrated power supply with 40 mA current limit for each interface), USB
Ingress Protection	IP40 - for indoor installation
Temperature	Operating: 0°C to +50°C; Storage -40°C to +85°C
Relative Humidity	5 to 95% RH (without condensation)
Connectors	2.5 mm <sup>2</sup> screw terminals
Dimensions	123 x 137 x 55 mm
Mounting	DIN rail mounting (DIN EN 50022 specification)
Housing material	Plastic, self-extinguishing PC/ABS

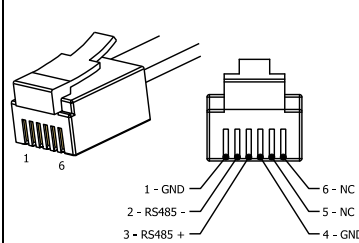
## BLOCK DIAGRAM



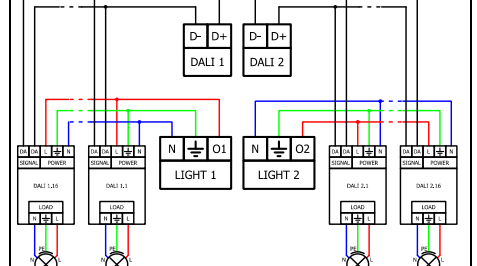
## COMMUNICATION



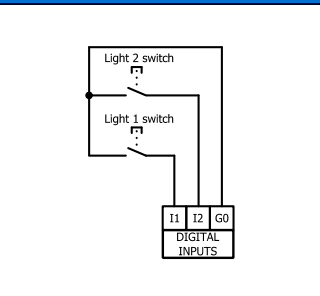
## RJ12 PIN DESCRIPTION



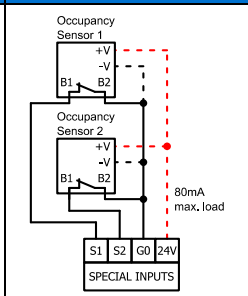
## DALI INTERFACE



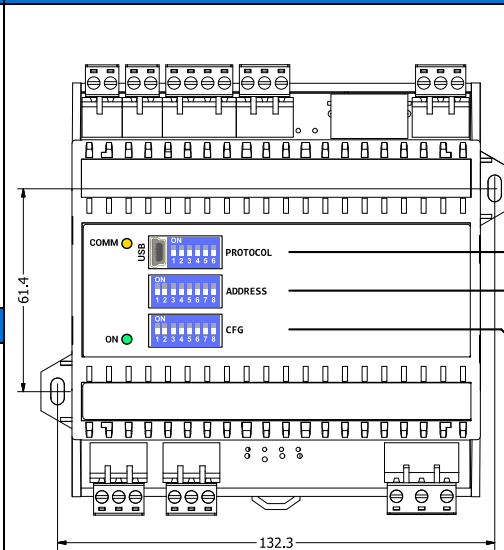
## DIGITAL INPUTS



## SPECIAL INPUTS



## DIMENSIONS / TOP PANEL

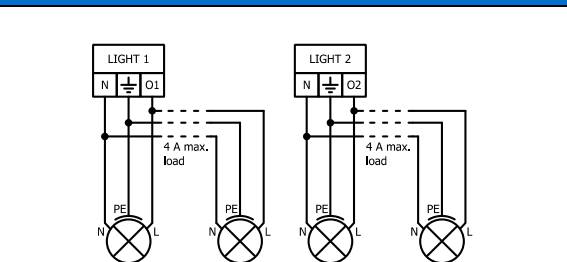


BAUDRATE 1,2,3	PROTOCOL 4,5	BIT 6
000 USER	00 MODBUS RTU	ON = Factory default
010 4800	01 MODBUS ASCII	
011 9600		
100 19200		
101 38400		
110 57600		
111 115200		

### BITWISE ADDRESS CONFIGURATION E.G. ADDRESS 87 = 01010111

BIT	DESCRIPTION	MODE
BIT1	DI1, DI2 SWITCH TYPE	OFF - MONOSTABLE ON - BISTABLE
BIT2	DI1 CONTROL MODE	OFF - DALI1 ONLY ON - DALI1 + DALI2
BIT3	S1 CONTROL MODE	OFF - DALI1 ONLY ON - DALI1 + DALI2
BIT4	DI2 CONTROL MODE	OFF - DALI2 ONLY ON - DALI1 + DALI2
BIT5	S2 CONTROL MODE	OFF - DALI2 ONLY ON - DALI1 + DALI2
BIT6	LIGHT CONTROL MODE	OFF - DALI CONTROL ON - RELAY CONTROL

## OUTPUTS



 WARNING 

- Note, an incorrect wiring of this product can damage it and lead to other hazards.
- Make sure the product has been correctly wired before turning the power ON.
- Before wiring or removing/mounting the product, be sure to turn the power OFF. Failure to do so might cause electric shock.
- Do not touch electrically charged parts such as the power terminals. Doing so might cause electric shock.
- Do not disassemble the product. Doing so might cause electric shock or faulty operation.
- Use the product within the operating ranges recommended in the specification (temperature, humidity, voltage, shock, mounting direction, atmosphere etc.). Failure to do so might cause fire or faulty operation.
- Firmly tighten the wires to the terminal. Insufficient tightening of the wires to the terminal might cause fire.