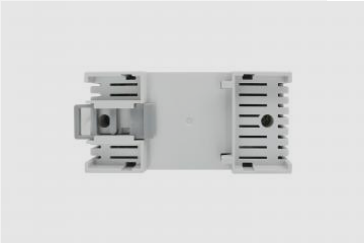
DIMON
TECHNOLOGY

Technical Datasheet

INNO818

ZigBee Smart MCB

UK DESIGN CE ZigBee®



- Design in UK
- Maxim power detection chip: more accurate and sensitive in detection of high power electrical appliance.
- More advance algorithm for peak hour power detection, saving energy and create green living style.
- Encrypted transmission executing parts to upgrade air-circuit breaker, ensuring high safety of power use.
- User-friendly operation like time setting, scene management, to maximally manage power use.
- Energy statistics management to get real-time feedback pf power consumption. Users can turn off family power consumption remotely via App.
- Can be adopted by energy control system to apply into distributed and centered property management system like apartments, hotels, offices or commercials.

DIMON TECHNOLOGY

Technical Data

Management by DM APP or IOT OS System DM APP或IOT OS系統管理	• Alarms Report 警報報告 • Energy Dashboards and Report 能源儀表板和報告 • Status Report 狀況報告
Input Voltage 輸入電壓	100-240V AC
Frequency Range頻率範圍	50/60 Hz ± 5%
Rated Current: 額定電流：	16A
Installation Method: 安裝方法：	Guide Rail 導軌安裝
Zigbee Wireless frequency and transmit power Zigbee無線頻率和發射功率	2,4 GHz (2400,0…2483,5 MHz) +20dBM ZigBee transmit power
Antenna Radio Protocol 天線無線電協議	IEEE802.15.4 / ZigBee Pro Meshnet
Max Transmission distance 最遠傳輸距離	• Internal Antenna: 30 meter without isolation location 內部天線：30米在無隔離位置
OTA (On The Air Upgrade) 無線軟件升級	YES
Power consumption Stand-by 待機功耗	<1.0W
Operating Ambient temperature 工作環境溫度	(Ta)-20°C to 55°C
Max. housing temp. 最大外殼溫度	(Tc) 65°C
Relative humidity 相對濕度	10% to 90% non-condensing
Protection class 保護等級	IP20 - (IEC 60529)
Housing Material 外殼材料	Polycarbonate (matte white)聚碳酸酯（啞光白）
Dimension (L*W*H) 尺寸	40x91x61.5
Net Weight / Gross Weight 淨重毛重	125g
Certification Standard 認證標準	• Safety Standards : EN60950-1:2013; EN62479:2010; EN301 489-1 V2.1.1 ; EN301 489-17 V3.1.0 ; • EN300 328 V12.1.1 AS/NZS CISPR15 :2011 AN/NZS 4268: 2012 • SAA Certificate : AS/NZS 60669.2.1:2013 ; AS/NZS 60669.1:2013 • Radiated emission : FCC Part 15C
Country of Design 設計國家	United Kingdom 英國
Country of Origin 產地	PRC 中國
Warranty Period 保修期	3 Years 3年
Certification	UK DESIGN CE ZigBee

Project	Fixture#	Date
		Firm

DIMON
TECHNOLOGY

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: INNO818

INNO818 -

Accessories

Gateway- NANO

INNO-SENSOR-826

INNO-SENSOR-823

INNO610

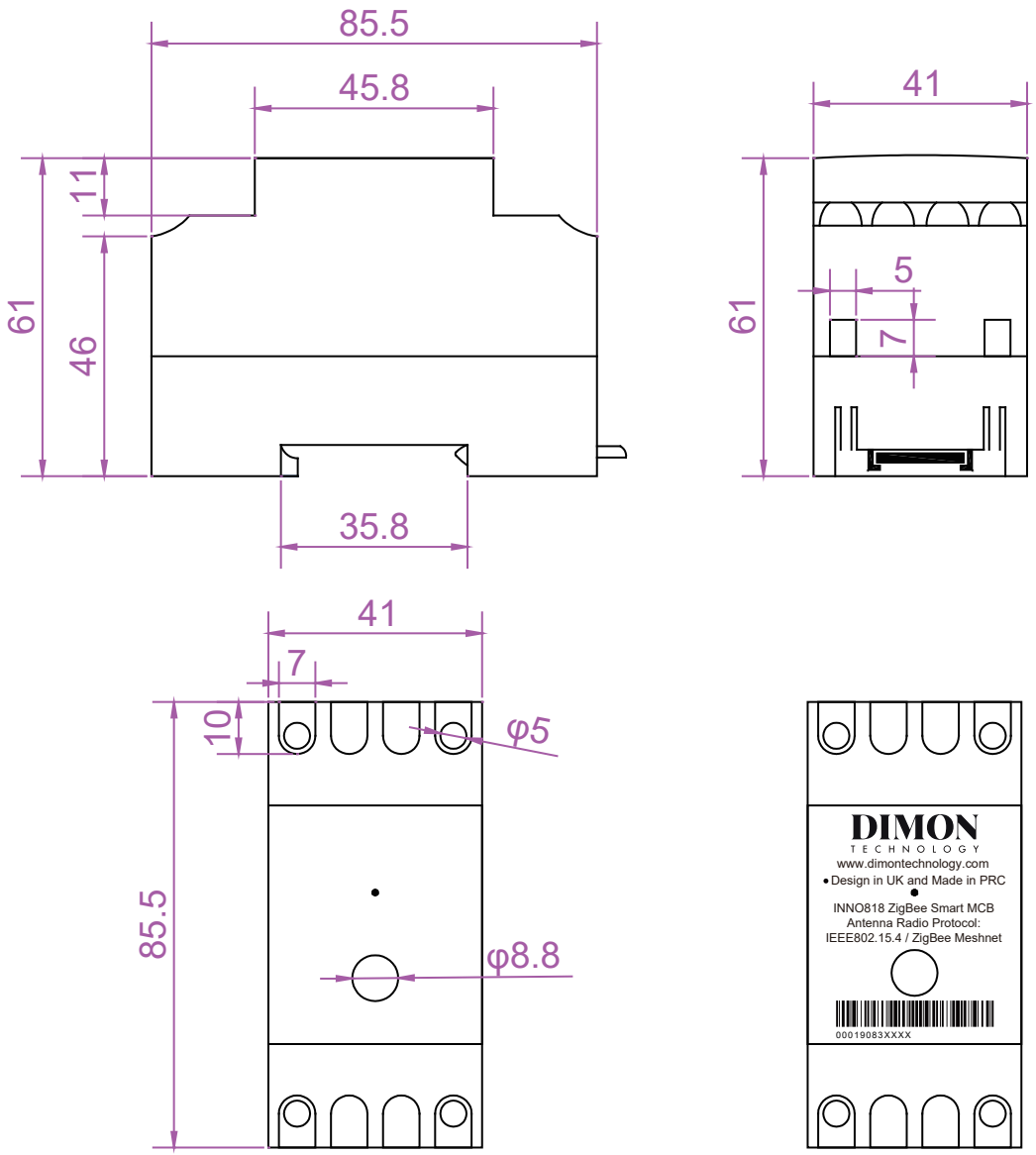
Z501-Z

Z501-CZ

Z501-S

Z501-CS

Technical Drawing



Unit: mm