

EXTENDED INTEGRATION

KNX Support

KNXnet/IP communication support documentation

Specifications

Size (HxWxD):	94×19×69 ±0.5 mm / 3.70×0.75×2.71 ±0.02 in
Weight:	70 g / 2.5 oz
Screw terminals max torque:	0.4 Nm / 3.54 lbin
Conductor cross section:	0.5 to 2.5 mm ² / 20 to 14 AWG (green connectors) 0.5 to 1.5 mm ² / 20 to 16 AWG (blue connectors)
Conductor stripped length:	6 to 7 mm / 0.24 to 0.28 in (green connector) 5 to 6 mm / 0.20 to 0.24 in (blue connectors)
Mounting:	DIN
Shell material:	Plastic
Shell color:	Pantone 2736C (blue)
Print color:	White
Connectors color:	Green, blue
Ambient working temperature:	-20°C to 40°C / -5°F to 105°F

Max. altitude:	2000 m / 6562 ft
Power supply:	110-240 V
Power consumption:	< 3 W
Neutral not needed:	No
0-10V/1-10V voltage control type:	Current sourcing
External protection:	16 A, tripping characteristic B or C, 6 kA interrupting rating, energy limiting class 3
Max. switching voltage:	240 V
Max. switching current:	16 A
Voltmeter (AC):	Yes
Ammeter (AC):	Yes
Power and energy meters:	Active and apparent power
	Active and apparent energy
	Power factor
	Fundamental active and fundamental reactive energy
Measurement data storage:	No
Internal-temperature sensor:	Yes
WI-FI	
Protocol:	802.11 b/g/n

Max. RF power:	< 20 dBm
Range:	Up to 30 m / 100 ft indoors and up to 50 m / 160 ft outdoors (depending on local conditions)
BLUETOOTH	
Protocol:	4.2
RF band:	2402-2480 MHz
Max. RF power:	< 4 dBm
Range:	Up to 30 m / 98 ft outdoors, up to 10 m / 33 ft indoors (depending on local conditions)
CPU:	ESP32-D0WDQ6
Clock frequency:	40 Mhz
Flash:	8MB
Schedules:	20
Webhooks (URL actions):	20 with 5 URLs per hook
Scripting:	Yes
MQTT:	Yes
Advanced schedules:	Yes
KVS (Key-Value Store):	Yes

