

EXTENDED INTEGRATION

KNX Support

KNXnet/IP communication support documentation

Specifications

Size (HxWxD):	42×37×17 mm / 1.65×1.46×0.66 in
Weight:	18 g / 0.63 oz
Screw terminals max torque:	0.4 Nm / 3.5 lbin
Conductor cross section:	0.2 to 2.5 mm ² / 24 to 14 AWG (solid, stranded, and bootlace ferrules)
Conductor stripped length:	6 to 7 mm / 0.24 to 0.28 in
Mounting:	In-wall, suspended ceilings
Shell material:	Plastic
Shell color:	Green
Ambient working	

Humidity:	30% to 70% RH
Max. altitude:	2000 m / 6562 ft
Power supply:	110 - 240 V~ ±10% 50/60Hz
Power consumption:	< 2 W
Neutral not needed:	No
Bus power supply:	Guaranteed 10mA (up to 5 DALI control gear units), Short circuit current < 35 mA
Bus voltage:	16V nominal
Internal-temperature sensor:	Yes
Wi-Fi Protocol:	802.11 b/g/n
RF band:	2401 - 2495 MHz
Max. RF power:	< 20 dBm
Range:	Up to 50 m / 164 ft outdoors, up to 30 m / 98 ft indoors (depending on local conditions)
Bluetooth Protocol:	4.2
RF band:	2400 - 2483.5 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:	ESP-Shelly-C38F
Flash:	8 MB
Schedules:	20

Webhooks (URL actions):	20 with 5 URLs per hook
Scripting:	Yes
MQTT:	Yes
Encryption:	Yes, TLS 1.2

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