HELTUN HE-HT01 Heating Thermostat

HELTUN HE-HT01	HEATIT Z-TRM3	MCO Home MH7H	Secure SCS317+SSR30
**************************************	225	© 09:00 to 10 10 10 10 10 10 10 10 10 10 10 10 10	AZ 10 PDA- 12 TO PDA- 13 TO PDA- 13 TO PDA- 14 TO PDA- 15 TO
9 mm	21 3 mm	15 mm	36 mm
			1
	small		big
6 touch	3 touch	5 touch	4 push
EU/UK	EU	EU	not required
×	√	×	×
85 - 265	230	85 - 260	230
24 - 48	×	×	×
< 1W	< 2W	< 1W	
16A	16A	16A	3A
√ ,	×	×	×
			×
V	×	×	×
,	,	,	,
V	-	-	√.
V			×
V			×
•	•	-	×
			×
			×
_	- ·		×
	-		×
×	Ĵ	×	×
6	2	4	2
√	×	√	\checkmark
1.0° - 37.0°C	5.0° - 40.0°C	5.0° - 37.0°C	5.0° - 30.0°C
√	×	\checkmark	\checkmark
	\checkmark	\checkmark	×
\checkmark	×	×	×
√	V	√	×
√	×	√	×
	×	×	×
	×		×
			×
			×
V	V	^	×
		-22	20-
_			300
			×
			×
		-	×
			×
	J	Ĵ	×
Š	V	Š	Ĵ
	-	•	×
			×
	×	×	×
J	×	×	×
✓ with strong signal	ÿ	ÿ	×
Z-Wave Plus v2	Z-Wave Plus	Z-Wave Plus	Z-Wave
3 years	1 year	1 year	
€ 169.99		, € 149.99	€ 209.00
	9 mm 30 big 6 touch EU/UK 85 - 265 24 - 48 < 1W 16A 1-100 kΩ 1-100 kΩ 1-100 kΩ 1-225 24 - 48 1-100 kΩ 1-100	9 mm 30 4 9 mm 30 4 10 10 10 10 10 10 10 10 10 10 10 10 10	9 mm 30 4 1 1 mm 30 1 mm 4 1 1 mm 30 1 mm 4 1 1 mm 4 1 mm 4 1 mm 4 1 mm 4 1 mm 5 mm 4 1 mm 5 mm 6 mm 6 mm 6 mm 6 mm 6 mm 6 mm

HELTUN HE-FT01 Fan Coil Thermostat

Comparison Sheet

	HELTUN HE-FT01	MCO Home MH8
	HELTON COLOR TIME COLOR TIME	# 0 *
Design		
On Wall thickness	9 mm	15 mm
Color models	30	1
LCD size	big	big
Buttons	6 touch	5 touch
Junction box	EU/UK	UK
Installation is standart plastic frame like Gira	×	×
Power		
Power supply VAC	85 - 265	85 - 260
Power supply VDC	24 - 48	×
Consumption	< 1W	< 1W
<u> </u>		
Load Max load	5x5A	16A
2 pipe system	JXJA ✓	JOA V
4 pipe system	V	Š
NC/NO mode	Š	Š
	J	×
Zero-cross technology Dry contact	V	×
Diy contact	v	•••
Sensors	J	,
Air temperature sensor	•/	✓ ×
Humidity sensor	V	
Light sensor	•	×
Energy consumption meter	By software	× √
Sensors report adjustable threshold External control input	×	×
External control input	••	**
Functions		
Operating modes	3	1
Clima modes	4	3
Schedule mode	V	V
Temperature set interval	1.0° - 37.0°C	5.0° - 37.0°C
Fan control	3 speed	3 speed
Fan Speed auto control	<i>J</i>	V
Internal clock	J	J
LCD brightness manual control	J	√
LCD brightness auto control	J	×
Child Lock mode	V	×
Z-Wave		
Platform	700	500
Multi frequency	√	×
SO security	J,	×
S2 security Unauthenticated	J	×
S2 security Authenticated	V	×
Smart Start	V	×
OTA firmware update	√,	√
Relay state association group	V	X
Air temperature sensor association group	√,	×
Humidity sensor association group	√	×
Light sensor association group	√	×
Act as Z-Wave signal repeater	✓ with strong signal	√
Z-Wave Certification	Z-Wave Plus v2	×
Warranty	3 years	1 year
Average Dries in Ell	£100.00	6.140.00
Avarage Price in EU	€ 169.99	€ 149.99

The comparision is based on Heltun reasearch and the actual functionality of devices may vary.

HELTUN HE-TPS05 Touch Panel Switch Quinto

	HELTUN HE-TPS05	MCO Home MH-S310	Fibaro FGWDSEU-221
		0 0	
		PICOMONIE	
Design On Mall Middle and	0	45	
On Wall thickness Color models	9 mm 30	15 mm 2	1
Buttons LED colors	2	2	RGB
Junction box	EU/UK	UK	EU/UK
Installation is standart plastic frame like Gira	×	×	V
Power			
Power supply VAC	85 - 265	85 - 260	110 - 230
Power supply VDC	24 - 48	×	×
Consumption	< 1W		
Load			
Channels	5	4	2
Max load	5x5A	4x5A	1x13A or 2x8A
NC/NO mode	<i>y</i>	×	×
Zero-cross technology	V V	×	×
Dry contact Control of loads with different power source	V	×	×
·			
Sensors	J	×	×
Air temperature sensor	. /	×	×
Humidity sensor	V	×	×
Light sensor	By software	×	Ĵ
Energy consumption meter Sensors report adjustable threshold	by software	Ĵ	ý
External control input	×	×	×
Functions			
Internal clock	√	√	×
Buttons brightness manual control	\checkmark	✓	✓
Buttons brightness auto control	\checkmark	×	×
Scen runner	√	×	V
Dimmers control	√	×	√
Motorized device control	V	×	×
Choosing of button number for each relay control Separate control of LEDs from gateway	<i>y</i>	×	✓ ×
Outputs comtrol Ttoggle switch (invert state)	V		
Momentary switch	V	V	×
Momentary reversed switch	V	×	×
Switch On only	V	×	✓
Switch Off only	√	×	√
Outputs comtrol by timer	V	✓	×
Schedule outputs control by clock	√	×	×
Ouputs control by scnerios using sensors Two relays inverse mode	V	×	×
Two relays lilverse mode		••	••
Z-Wave	700	500	500
Platform Multi frequency	700 √	500 ×	500 ×
SO security	V	×	ŷ
S2 security S2 security Unauthenticated	Š	×	Š
S2 security Orlandinenticated	V	×	V
Smart Start	√	×	√
OTA firmware update	√	✓	✓
Relays state association groups	√	×	×
Buttons state association groups	√	√	√
LEDs state association groups	V	×	×
Air temperature sensor association group	V	×	×
Humidity sensor association group	V	×	×
Light sensor association group	V	×	×
Dimmers control by association groups	\ . / ith strong sings!	×	<i>y</i>
Act as Z-Wave signal repeater Z-Wave Certification	√ with strong signal Z-Wave Plus v2	√ ×	Z-Wave Plus
Warranty	3 years	1 year	2 years
Avarage Price in EU	€ 129.99	€ 99.99	€ 89.95

HELTUN HE-HLS01 High Load Switch (with thermostat functions)

	HELTUN HE-HLS01	Fibaro FGS-212	Fibaro FGWPE-102	Qubino ZMNKID1
	HELTON 10 Andre Transcription of the Andre Trans	- Relay Switch -	- WALL PLIS	Flust On/Off Thermostor 7
General				
Size, mm	50 x 50 x 26	42.5 x 38 x 20		42 x 37 x 17
nstallation in junction box nstallation in circuit breaker panel	√	<i>y</i>	×	×
Power supply VAC	85 - 265	110 - 240	230	110 - 240
Power supply VDC	24 - 48	×	×	24 - 30
Max load	16A	10A	11A	10A
Zero-cross technology 2 in 1 device (thermostat + switch)	√	×	×	×
Sensors External NTC sensor input		×	×	V
NTC sensor range	1-100 kΩ	×	×	×
External NTC sensor included in box	✓	×	×	✓
Energy consumption meter	√	×	V	V
Sensors report adjustable threshold	√	×	√	√
External control input	√	V	×	√
Push button to detect the plugged load	×	×	√	×
Functions	•	×	×	2
Fhermostat Operating modes Fhermostat Schedule mode	6 √	×	×	2 X
Thermostat Schedule mode Temperature set interval	1.0° - 110.0°C	×	×	-15.0° - 100.0°C
Internal clock	J.0 110.0 C	×	×	X
Control of sockets	√	×	\checkmark	×
Auto On/Off when load connected/disconnected	√	×	V	×
High load connected time limit	√	×	×	×
/isual indicator of state	×	×	√	×
Outputs comtrol				,
「toggle switch (invert state) Momentary switch	<i>y</i>	<i>y</i>	×	<i>y</i>
Momentary reversed switch	ý	×	×	×
Switch On only	J	×	×	×
Switch Off only	√	×	×	×
Output control by external input	√	V	×	V
Output comtrol by timer	V	V	×	×
Schedule output control by clock	V	×	×	×
Output NC/NO mode Revert state after power failure	×	ŷ	ŷ	√ ×
Protections & Notifications Over Heat protection & notification	V	×	×	×
Temperature Rise protection & notification	√	×	×	×
Over Current protection & notification	√	×	×	×
Over Load protection & notification	√	×	√	√
Over Voltage protection & notification	√	×	×	×
Voltage Drop protection & notification	V	×	×	×
Spark & Surge protection & notification	✓	×	×	×
System Failure protection & notification Load Issue detection & notification	V	×	×	×
!-Wave				
Platform	700	300	500	500
Multi frequency	√	×	×	×
50 security	√	×	√ ×	>
52 security Unauthenticated	∨ ✓	×	×	V
52 security Authenticated Smart Start	V	×	×	V
OTA firmware update	V	ŷ	Ĵ	×
Relay state association group	√	V	√	√ ✓
External input state association group	V	V	×	V
NTC temperature sensor association group	✓	×	×	✓
Dimmers control by association groups	✓	√	×	×
React to alarm notifications received by association	×	√	√	×
Act as Z-Wave signal repeater Z-Wave Certification	✓ with strong signal Z-Wave Plus v2	√ Z-Wave	✓ Z-Wave Plus	√ Z-Wave Plus
Warranty	3 years	2 years	2 years	1 year
			LVOORS	1 W00r

HELTUN HE-RS01 Relay Switch Quinto

	HELTUN HE-RS01	Fibaro FGS-223	Aeotec ZW132	wiDom WDS2
	RELAYSMITCH	Double Switch 2 —	Dual Nano Switch	An order to the same
	HELTUN HILAGOOT	Double Switch 2	who congruences	A
	The control of the co	a de la companya de l		WiDom You have cones alse
		FIBLAD SYSTEM FIBARO	Aeotec	wiDom har €
	-		10000	Company and the second
eneral				
ize, mm	50 x 50 x 26 ✓	42.5 x 38 x 20 ✓	44.5 x 41 x 20 ✓	37 x 37 x 17 ✓
nstallation in junction box Installation in circuit breaker panel	Š	Š	×	×
ower supply VAC	85 - 265	100 - 240	120 - 240	110 - 230 ±10%
Power supply VDC	24 - 48	×	24	×
oad				
hannels	5	2	2	2
ብax load per channel	5A	6.5A	6.5A	8A
flax total load	25A	10A	10A	10A
ero-cross technology	√	×	×	√
IC/NO mode	V	×	×	×
ry contact	√ ✓	×	×	×
ontrol of loads with different power source	V	^	^	^
ensors	D (:	,	/	,
nergy consumption meter	By software	<i>y</i>	√	√ ×
Meter report adjustable threshold	-	-		
xternal control inputs	5 X	2 X	2 √	2 X
ouch panel input	^	^	V	^
unctions	V	V	V	×
riggering scenes by external input nternal clock	V	×	×	×
itemai ciock Jimmers control	Š	Ĵ	×	×
Notorized device control	V	V	×	<i>y</i>
choosing of external input for each relay control	V	×	×	×
Outputs comtrol				
toggle switch (invert state)	√	√	√	V
Nomentary switch	√	✓	√	\checkmark
Nomentary reversed switch	√	×	×	×
witch On only	√	×	×	×
witch Off only	\checkmark	×	×	×
Outputs comtrol by timer	\checkmark	✓	\checkmark	\checkmark
chedule outputs control by clock	\checkmark	×	×	×
wo relays inverse mode (never both On)	\checkmark	×	×	V
evert state after power failure	×	V	V	V
rotections & Notifications				
Over Heat protection & notification	V	<i>J</i>	√	×
Over Current protection & notification	×	√	√	×
-Wave				
latform	700	500	500	500
Aulti frequency	√	×	×	×
0 security	V	×	×	Š
2 security Unauthenticated 2 security Authenticated	V	×	×	Š
mart Start	V	×	×	×
TA firmware update	V	√ ✓	V	√
elays state association groups	V	×	√	×
xternal input state association group	V	√	√	√
immers control by association groups	V	V	×	V
eact to alarm notifications received by association	×	√	×	×
ct as Z-Wave signal repeater	✓ with strong signal	V	✓	√
-Wave Certification	Z-Wave Plus v2	Z-Wave Plus	Z-Wave Plus	×
Varranty	3 years	2 years	1 year	1 year
warage Price in FII	£ 8/1 00	£ 50 00	£ 5/1 00	£ 50 00
warage Price in EU	€ 84.99	€ 59.99	€ 54.99	€ 59.99