

TECHNICAL SPECIFICATIONS

Double Touch Panel and Scene Controller

HSC-S514

Engineering data for the HSC-S514 Z-Wave 800 Series touch panel and scene controller.

Rev. 1.0 | October 2026



General

Model	HSC-S514
Product family	HSC-S510 series touch panel
Key layout	Keys 1 and 2 (round) switch the two relay outputs L1 and L2. Keys 3 to 6 (square) are scene keys.
Installation	Flush mount in a listed plastic junction box
Use	Indoor only, dry location

Electrical

Supply voltage	90 to 250 VAC, 50/60 Hz
Wiring	Line (L), Neutral (N), load outputs L1 and L2
Switching element	Relay
Maximum load	2 x 3.5 A resistive, 2 x 2 A capacitive/inductive (per channel)
Conductors	Copper only. Strip length 6 to 8 mm

Radio and Z-Wave

Protocol	Z-Wave 800 Series
Frequency	908.42 MHz (US)
Network role	Always-listening node. Acts as a repeater
Generic device type	Binary Switch
Endpoints	Root plus 6 endpoints. Key n = endpoint n
Command classes	Z-Wave Plus Info, Association, Association Group Information, Multi Channel Association, Multi Channel, Basic, Binary Switch, Central Scene, Scene Activation, Scene Actuator Configuration, Configuration, Device Reset Locally
Association groups	7 (Lifeline plus one group per key, 5 nodes each)

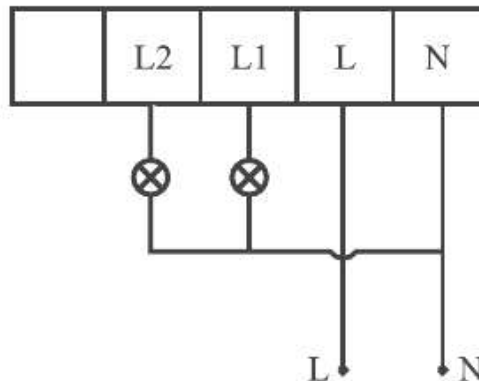
Association groups

Group	Max nodes	Command class	Trigger
1 (Lifeline)	1	Binary Switch Report, Central Scene Notification, Device Reset Locally Notification	Key pressed once (reports). 20 touches in succession (reset notice)
2	5	Basic Set	Short press of key 1
3	5	Basic Set	Short press of key 2
4	5	Basic Set	Short press of key 3
5	5	Basic Set	Short press of key 4
6	5	Basic Set	Short press of key 5
7	5	Basic Set	Short press of key 6

Mechanical

Junction box	UL or ETL listed plastic box. Minimum 90 x 60 x 50 mm, minimum volume 270 cm3
Dimensions	[TBC: confirm H x W x D]

Wiring diagram



L = line, N = neutral, L1 and L2 = load outputs.

Compliance

Safety listing	Covered by ETL listing control no. 4010498
Radio	FCC Part 15. FCC ID: [TBC: confirm FCC ID on product label]
Z-Wave certification	[TBC: Z-Wave Alliance certification in process. Add certificate number when issued]

Specifications can change without notice. For installation, configuration, and safety information, read the user manual.