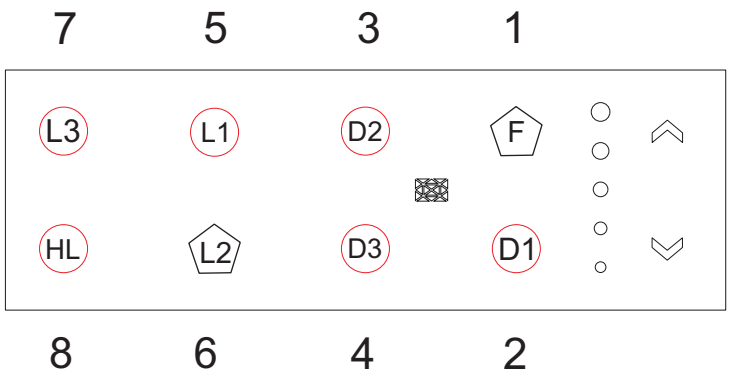
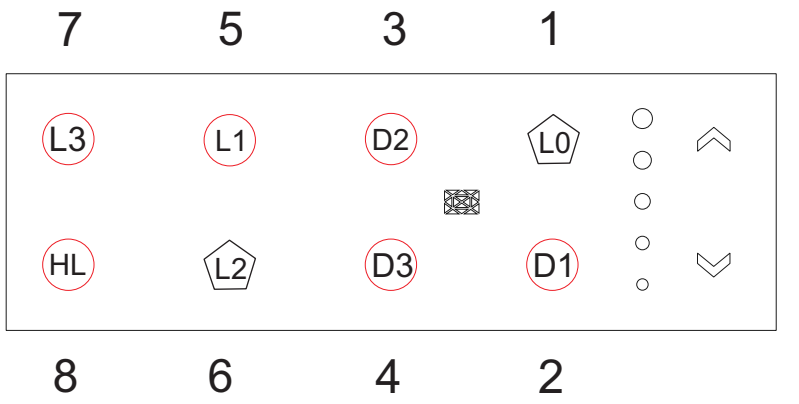
Guidelines for Touch Designing

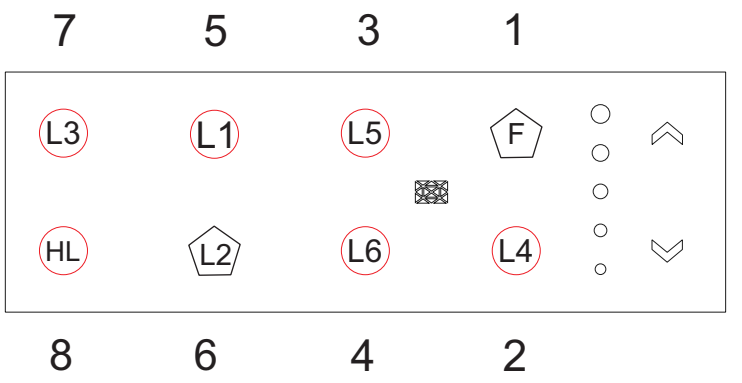
8FDNH / 8S1R



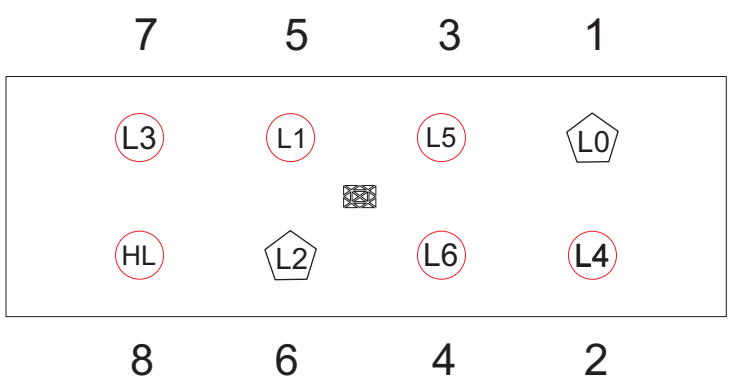
8XDNH / 8S1R



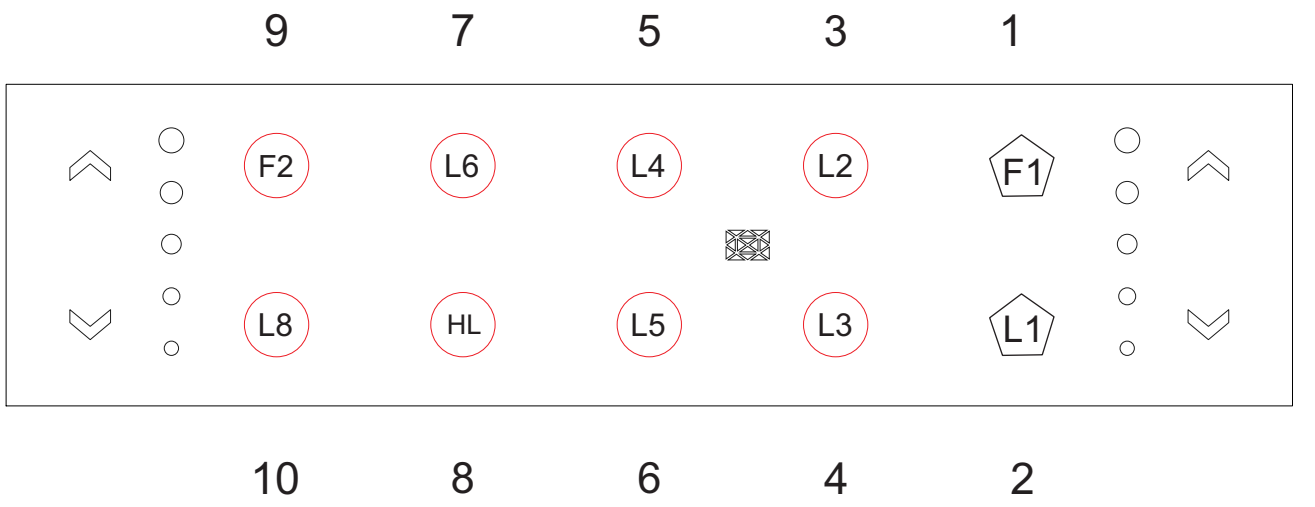
8FXNH / 8S1R



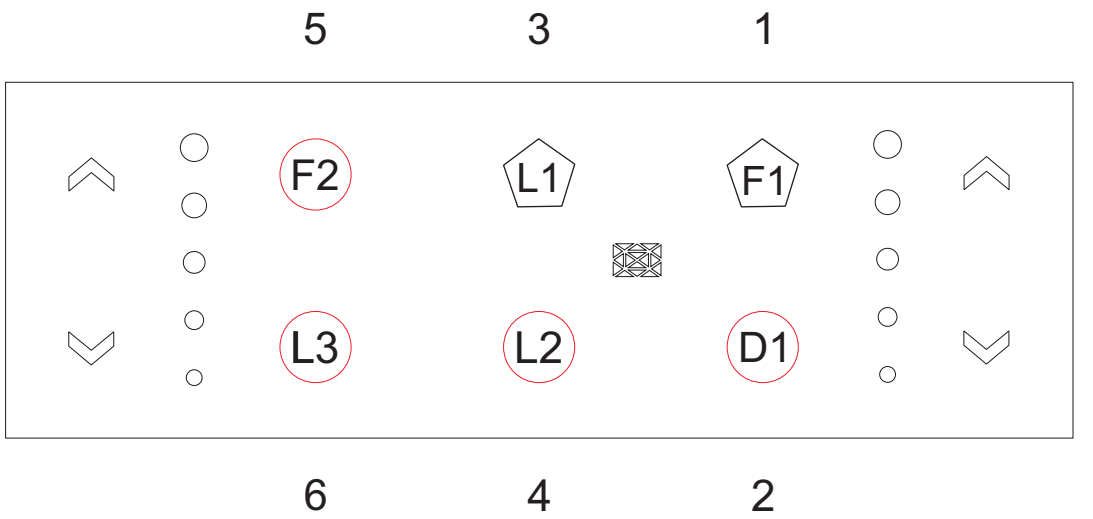
8XXNH / 8S



10FXNH / 10S2R



6FDNX / 6S2R

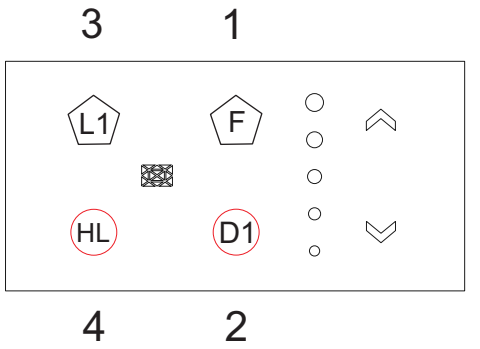


NOTE: ⬠ **Inbuilt two way points in hardware**

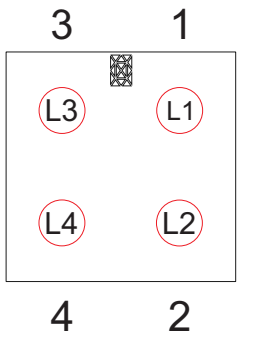
For additional two way points you have to use two way relay

Touch and two way indication

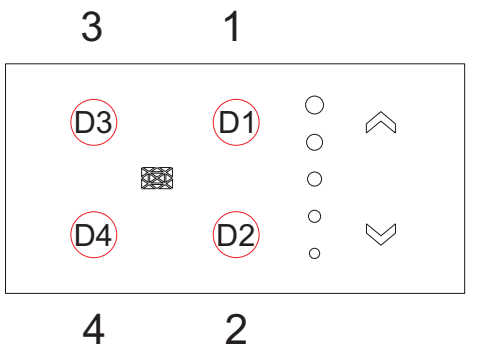
4FDNH / 4S1R



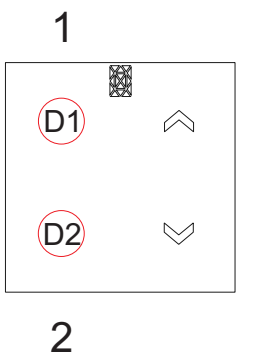
4XXNX / 4S



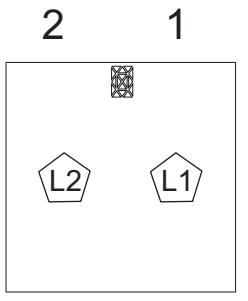
4XDXX / 4S1R



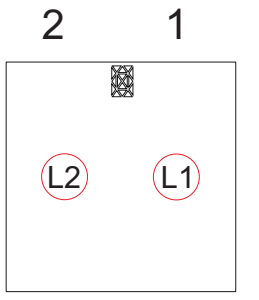
2XDXX / 2S1R



2XXNX / 2S



2XXXH / 2S



NOTE: ⬠ **Inbuilt two way points in hardware**

For additional two way points you have to use two way relay

RELAY AMP.	POINTS	MAX. CAPACITY	POINTS USE AS (ONLY IN AUTOMATION) BY APP	MAX. LIGHTS
5A	F	100W	FAN , DIMMER , LIGHTS (NORMAL LIGHTS)	2
5A	D	100W	FAN(HUMMING SOUND) , DIMMER , LIGHTS (NORMAL LIGHTS)	3
6A	N	1500W	BLDC FAN , LIGHTS (NORMAL LIAGHTS)	3
10A	H	2500W	LIGHTS (HEAVY LOADS)	4
10A	2HD	700W-800W	LIGHTS (HEAVY DIMMING)	7 TO 8

Touch Portal Recommendation

1 - Do not use Socket or Normal Load on Dimmer points. We recommend to use Heavy Relay to connect socket or change socket to normal load.
2 - Do not connect regular fan on dimmer point as it may cause humming sound.
3 - If you connect fan or dimmer light on normal or heavy load, you won't be able to adjust the fan speed or light brightness.
4 - Do Not connect heavy appliance on normal load. Use heavy relay to do so.
5 - Connect BLDC fans on the Normal or Heavy load only.
6 - Do not use Normal point on FAN and Dimmer in Non auto device.
7 - If you want to increase the number of two way point, you can use two way relay.
8 - Adjust the allignment of touch from touch portal. You can change allignment by selecting the touch and moving it to left and right.
9 - Use FAN and Dimmer on fan and dimmer point respective only.
10 - While doing two way or three way of touch, use proper touch connector cable like primary or secondary cable. Primary should be used when ordering only touch and secondary should be used while doing two way or three way.
11 - Select TI(Auto /Primary or secondary) if needed only touch without backend.
12 - Select TI(Non Auto /Primary) if needed only touch without backend.
13 - For two way or three way, consider splitter in Auto and Non Auto.
14 - Write KNX for touch required for KNX ecosystem in comment.
15 - Universal socket for vynce will not be provided, only cut out will be provided.
16 - To change load sequence on touch, remote sequence feature can be used.

Load Management for Lighting Automation

Point	Capacitive		Resistive		Inductive		DC Switching
	Watt	Quantity	Watt	Quantity	Watt	Quantity	Capacity (Max)
Fx/Dx *Fan/ Dimmer*	*0.1W < & < 25W*	*<=4*	*100W*	*1*	*100VA*	1	-
	25W< & <100W	*1*					
Normal Load (Lx)	*0.1W < & < 25W*	*<=3*	*2200W*	1	*1000VA*	*1*	*24V/10A*
	25W< & <100W	*1*					
Heavy Load (HL)	*0.1W< & <25W*	*<=4*	*3520W*	1	*2200VA*	1	*24V/16A*
	25W< & <100W	*1*					
Heavy Dimmer (HD)	*0.1W< & <50W*	*10*	*500W*	1	*500VA*	1	-
	50W< & <100W	*5*					
Types of respective loads	Led Drivers, TV, Setup Box, Phone Charger, Computer, SMPS.		Incandescent lamp, Iron, Hair Dryer.		Ceiling Fan, Motor, Fluorescent Tube Light, Blender, Mixer		CCTV, Battery, EM Lock