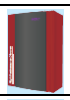
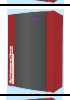
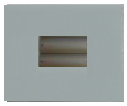
HDL Smart-Bus Targa maja automaatika hinnakiri 2013

(A) Lighting Control Modules

Pos	Pilt	Kirjeldus	Omadused	Mudel	Soovitus	Voolu-tarve	Mõõdud (mm)	Hind, USD	Hind, EUR
1		**2CH 6A Leading Edge Dimmer,** DIN-Rail Mount,6A per Channel and Total 10A with scene controller (Overheat, fuse for each channel, Surge Protection) single phase 220-240VAC, 50-60Hz.	scene, Sequence, Dimming, On Off	SB-DN-D0206	BEST BUY	25mA	144*88*66	205	164
2		**4CH 3A Leading Edge Dimmer,** DIN-Rail Mount,3A per Channel and Total 10A with scene controller (Overheat, fuse for each channel, Surge Protection) single phase 220-240VAC, 50-60Hz.	scene, Sequence, Dimming, On Off	SB-DN-D0403	BEST BUY	30mA	144*88*66	226	180
3		**6CH 2A Leading Edge Dimmer,** DIN-Rail Mount, 2A per Channel and Total 10A with scene controller (Overheat, fuse for each channel, Surge Protection) single phase 220-240VAC, 50-60Hz.	scene, Sequence, Dimming, On Off	SB-DN-D0602	BEST BUY	35mA	144*88*66	262	210
4		**2CH 6A NEW Leading Edge Dimmer,** DIN-Rail Mount,6A per Channel and Total 12A with scene controller, single phase, universal power (85-120. 220-240 VAC), LED indicate the status of each fast FUSE	Aluminum Heat sink, Fuse replacable, Fast connector , 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus, build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MD0206.432	Coming Soon!!	25mA	144*88*66	217	174
5		**4CH 3A NEW Leading Edge Dimmer,** DIN-Rail Mount,3A per Channel and Total 12A with scene controller, single phase, universal power (85-120. 220-240 VAC),LED indicate the status of each fast FUSE	Aluminum Heat sink, Fuse replacable, Fast connector , 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus, build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MD0403.432	Coming Soon!!	30mA	144*88*66	240	192
6		**6CH 2A NEW Leading Edge Dimmer,** DIN-Rail Mount, 2A per Channel and Total 12A with scene controller, single phase, universal power (85-120. 220-240 VAC), LED indicate the status of each fast FUSE	Aluminum Heat sink, Fuse replacable, Fast connector , 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus,build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MD0602.432	Coming Soon!!	35mA	144*88*66	275	220
7		**1CH 6A Trailing Edge Dimmer,** DIN-Rail Mount, 6A per Channel and total 6A, with scene controller (Overheat, Overload, Surge Protection) single phase both 85-120/220-240 VAC, 50-60Hz. **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	512 step diming, four dim curves. scene, Sequence, Circuit short protection. Trailing Edge suitbale for all of loads except inductive loads	SB-DN-DT0106	BEST BUY	20mA	144*88*66	273	218
8		**2CH 3A Trailing Edge Dimmer,** DIN-Rail Mount, 3A per Channel and total 6A with scene controller (Overheat, Overload, Surge Protection) single phase both110/220 VAC, 50-60Hz. **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	512 step diming, four dim curves. scene, Sequence, Circuit short protection. Trailing Edge suitbale for all of loads except inductive loads	SB-DN-DT0203	BEST BUY	20mA	216*88*66	326	261
9		**4CH 2A Trailing Edge Dimmer,**DIN-Rail Mount, 2A per Channel and total 6A with scene controller (Overheat, Overload, Surge Protection) single phase both110/220 VAC, 50-60Hz. **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	512 step diming, four dim curves. scene, Sequence, Circuit short protection. Trailing Edge suitbale for all of loads except inductive loads	SB-DN-DT0402	BEST BUY	20mA	216*88*66	371	297
10		**6CH 1A Trailing Edge Dimmer,**DIN-Rail Mount,1A per Channel and total 6A with scene controller (Overheat, Overload, Surge Protection) single phase both 110/220 VAC, 50-60Hz. **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	512 step diming, four dim curves. scene, Sequence, Circuit short protection. Trailing Edge suitbale for all of loads except inductive loads	SB-DN-DT0601	BEST BUY	20mA	216*88*66	398	318
11		**2CH 4A Trailing Edge Dimmer,** DIN-Rail Mount, 4A per Channel and total 6A with scene controller, universal power (85-120. 220-240 VAC),with Overheat,Circuit Short Protection, **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	Aluminum Heat sink, circuit short protection, Fast connector , leading and trailing edge dim mode, 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus, build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MDT0204.433	Coming Soon!!	20mA	216*88*66	340	272
12		**4CH 3A Trailing Edge Dimmer,**DIN-Rail Mount, 3A per Channel and total 8A with scene controller, universal power (85-120. 220-240 VAC), with Overheat,Circuit Short Protection, **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	Aluminum Heat sink, circuit short protection, Fast connector , leading and trailing edge dim mode, 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus,build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MDT0403.433	Coming Soon!!	20mA	216*88*66	387	310
13		**6CH 2A Trailing Edge Dimmer,**DIN-Rail Mount,1A per Channel and total 8A with scene controller, universal power (85-120. 220-240 VAC), with Overheat,Circuit Short Protection, **(Trailing Edge and Leading Eage Technology can be slected in HDL-BUS Programming software)**	Aluminum Heat sink, circuit short protection, Fast connector , leading and trailing edge dim mode, 512 step for smooth dimming,Four dim Curves,Upgrate firmware via HDL Bus,build-in Bus Filter, staircase lighting control, support muit channels dimming.	HDL-MDT0602.433	Coming Soon!!	20mA	216*88*66	414	331
14		**4CH 16A High Power Relay Module,** DIN-Rail Mount, 16A per Channel, with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and, OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-R0416	BEST BUY	40mA	72*88*66	164	131
15		**8CH 16A High Power Relay Module,** DIN-Rail Mount,16A per Channel, with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and OFF, control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-R0816	BEST BUY	40mA	144*88*66	271	216
16		**12CH 16A High Power Relay Module,** DIN-Rail Mount, 16A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and ,OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-R1216	BEST BUY	40mA	216*88*66	390	312
17		**4CH 16A High Power Relay Module,** DIN-Rail Mount, with fast connection, 16A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and OFF, control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus, build-in Bus Filter	HDL-MR0416.431	Coming Soon!!	40mA	72*88*66	168	134

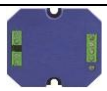
18		**8CH 16A High Power Relay Module,** DIN-Rail Mount, with fast connection, 16A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and OFF, control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus, build-in Bus Filter	HDL-MR0816.432	Coming Soon!!	40mA	144*88*66	269	215
19		**12CH 16A High Power Relay Module,** DIN-Rail Mount, with fast connection, 16A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	50A magnetic latching relay in each channel for high power ON and OFF, control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus, build-in Bus Filter	HDL-MR1216.431	Coming Soon!!	40mA	216*88*66	394	315
20		**4CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-MR0410	BEST BUY	40mA	72*88*66	148	118
21		**8CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-MR0810	BEST BUY	40mA	144*88*66	223	179
22		**12CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads	SB-DN-MR1210	BEST BUY	40mA	216*88*66	326	261
23		**4CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus, build-in Bus Filter	HDL-MR0410.431	Coming Soon!!	40mA	72*88*66	148	118
24		**8CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus, build-in Bus Filter	HDL-MR0810.432	Coming Soon!!	40mA	144*88*66	223	179
25		**16CH 10A High Power Relay Module,** DIN-Rail Mount, with fast connection, 10A per Channel,with scene and sequence controller, for DC, single and three phase power, up to 440VAC	16A magnetic latching relay in each channel for high power ON nad OFF control like Water Boilers, Heaters, Pumps, High power Air-conditioning, Industrial, High power Lighting Loads, interlocking channel for curtain and motor control , staircase lighting control, Power ON/OFF scene,Upgrate firmware via HDL Bus build-in Bus Filter	HDL-MR1216.431	Coming Soon!!	40mA	216*88*66	332	266
26		**6CH 10A, High Power Leading Edge Dimmer,** Wall Mount , 10A Per Channel, with Scene control & MCB Protection, (Overheat, Overload protection) 220-240VAC 50/60Hz, option for 110V Advanced heat Sink Technology, With Door Cover	3 Phase, Single pahse(the total output power reduced 2/3) leading edge, 1024 setp Dimming scene, Queue, Sequence, On Off	SB-WL-D0610		/	600*290*162	1503	1202
27		**6CH 20A, High Power Leading Edge Dimmer,** Wall Mount , 20A Per Channel, with Scene control & MCB Protection, (Overheat, Overload protection) 220-240VAC 50/60Hz, option for 110V Advanced heat Sink Technology, With Door Cover	3 Phase, Single pahse(the total output power reduced 2/3) Leading edge, 1024 setp Dimming scene, Queue, Sequence, On Off	SB-WL-D0620		/	600*290*162	1706	1364
28		**12CH 10A, High Power Leading Edge Dimmer,** Wall Mount , 10A Per Channel, with Scene control & MCB Protection, (Overheat, Overload protection) 220-240VAC 50/60Hz, option for 110V Advanced heat Sink Technology, With Door Cover	3 Phase, Single pahse(the total output power reduced 2/3) leading edge, 1024 setp Dimming scene, Queue, Sequence, On Off	SB-WL-D1210		/	600*290*162	1968	1574
29		**2CH 10A Power Booster,** Wall Mount, 10A Per Channel, Dimmer Power Amplifier, 0-10VDC/ 0-220VAC input, 50/60Hz, Heat Sink Technology	0-10V input, 0-220VAC input Work for both digital and manual Dimmers or any third party Dimming System	SB-WL-B0210		/	288*200*100	445	356
30		**1CH 20A Power Booster,** Wall Mount, 20A Per Channel, Dimmer Power Amplifier, 0-10VDC/ 0-220VAC input, 50/60Hz, Heat Sink Technology	0-10V input, 0-220VAC input Work for both digital and manual Dimmers or any third party Dimming System	SB-WL-B0120		/	288*200*100	431	344
31		**64CH NEW DALI Ballast Controller**,DIN-Rail Mount, to transfer signal from HDL-BUS to DALI control signal, with Scene Control function, Maximum 64 Separate Zones, Each zone have 16 scenes,Each channel can set low limit, high limit, Recover the previous scene or designated scene after power on again.	Can Control up to 64 Addressable Dali ballasts for Dimming of Fluorescent Tube Lights, support upgrate firmware via HDL Bus, build-in DALI power supply , build-in Bus Filter	HDL-MC64-DALI.431	NEW!	Build in Power supply	72*88*66	197	157
32		**12CH Mix Control Module,** DIN-Rail Mount, 8ch relay output,among which, 1-7ch 5A output, ch8,10A output, Ch 9 is curtain motor control channel, CH10-11 are for dimming, each 2A, Ch 12 is 10A, DC0～10V control signal output, used for control dimmable ballast of fluorescent	Good For Home, Hotel Room, Meeting Room Applications to saving cost	SB-DN-HMIX12	BEST BUY	200mA	144*88*66	226	180
33		**6 CH 16A 0-10V Absorption type Ballast controller**,DIN-Rail Mount,	50A magnetic latching relay in each channel ON and OFF Ballast,Each 0-10V channel can get 100mA current from Ballast, Each Relay channel can connect 60PCS dimmable ballast. Notice: this type have no DC current output	SB-DN-6B0-10v		30mA	144*88*66	357	285
34		**6 CH 10A 0-10V Ballast controller**,DIN-Rail Mount, Absorption and Output Type.	16A magnetic latching relay in each channel ON and OFF Ballast, Each 0-10V channel can get 100mA current from Ballast, Each 0-10V channel can output 100mA current for 0-10V device like LED lights, Each Relay channel can connect 30PCS dimmable ballast for ON/OFF main power of ballast.	HDL-MRDA0610.432	Coming Soon!!	30mA	144*88*66	322	257
35		**8 CH DSI Ballast controller**,DIN-Rail Mount, it is used to dim DSI ballast, 8 DSI channel, every channel can connect with up to 32 DSI ballasts, Up to 8 separated area can be set, Every area can have 16 scenes	Build-in DSI power supply , Can Control up to 8x8 ch of DSI Dimmable Ballasts for Dimming of Fluorescent Tube Lights	HDL-MD08DSI.232	NEW!	30mA	144*88*66	205	164
(B) User Interfaces									
1		**Smart DLP wall switch Panel EU,** with LCD, Built in IR Receiver, Temperature sensor, english menu, Graphics with 2-way status update, 1-7 pages to control as needed: Four Page for Lighting and Swtich, one page for AC, one page for Zone audio and the last for Floor Heating ++ (Each Button has right and left button for different function, Back let LED, LCD Brightness control, menu ++)	All In One, Elegant Modular 3X3" Standard BS and European Back Box, Selectable Face Cover materials and Colors, **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-DLP-MEU	BEST BUY	30mA	86*86*35	236	189

2		**Flush mount Smart DLP wall switch Panel EU,** with LCD, Built in IR Receiver, Temperature sensor, english menu, Graphics with 2-way status update, 1-7 pages to control as needed: Four Page for Lighting and Swtich, one page for AC, one page for Zone audio and the last for Floor Heating ++ (Each Button has right and left button for different function, Back let LED, LCD Brightness control, menu ++)	**Bigger Glass then SB-DLP-MEU and flush with Wall, with specified back box**	SB-DLP4-MEU	BEST BUY	30mA	95*95*35	244	195
3		**4 Bigger Button Smart Wall switch Panel EU ,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No are optional)	Wall Switch to control Lighting and dimming, Areas, and Moods **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS4M-EU	NEW!	20mA	86*86*41	123	98
4		**8 Bigger Button Smart Wall switch Panel EU**, with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS8M-EU	NEW!	20mA	86*86*41	137	110
5		**6 Button Smart Wall switch Panel EU**, with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS6-UK	BEST BUY	15mA	86*86*27	137	110
6		**4 Button Smart Wall switch Panel EU,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS4-UK	BEST BUY	15mA	86*86*27	123	98
7		**3 Bigger Button Smart Wall switch Panel EU**, with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS3M-UK	BEST BUY	15mA	86*86*27	121	97
8		**2 Bigger Button Smart Wall switch Panel EU**, with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS2M-UK	BEST BUY	15mA	86*86*27	115	92
9		**1 Bigger Button Smart Wall switch Panel EU**, with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS1M-UK	BEST BUY	15mA	86*86*27	109	87
10		**NEW Generation Smart DLP wall switch Panel EU,** with LCD, Option IR Receiver , Temperature sensor, 175 countries languages for music song name and play list, Total seperate left and right button(left button have 99 command and right have 99 command), Graphics with 2-way status update, 1-7 pages to control as needed: Four Page for Lighting and Swtich, one page for AC, one page for Zone audio and the last for Floor Heating(PID control for heating)	Separate Left and Right button Support BMP image download, Replaceable frame and plate, support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with Silver Mental butoon) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MPL8.48	Coming Soon!!	30mA	86*86*21	215	172
11		**NEW Generation 8 Button Smart Wall switch Panel EU**, replaceable label by user, replaceable face plate by user , IR Remote Control(Optional),and Right/Left click , Wall Switch to control Lighting and dimming, Areas, and scene, (Glass color are optional)	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MP8B.48	Coming Soon!!	15mA	86*86*21	119	95
12		**NEW Generation 6 Button Smart Wall switch Panel EU**, replaceable label by user, replaceable face plate by user , IR Remote Control(Optional),and Right/Left click , Wall Switch to control Lighting and dimming, Areas, and scene, (Glass color are optional)	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MP6B.48	Coming Soon!!	15mA	86*86*21	105	84
13		**NEW Generation 4 Button Smart Wall switch Panel EU**, replaceable label by user, replaceable face plate by user , IR Remote Control(Optional),and Right/Left click , Wall Switch to control Lighting and dimming, Areas, and scene, (Glass color are optional)	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MP4B.48	Coming Soon!!	15mA	86*86*21	94	75
14		**NEW Generation 4 Button Smart Touch Panel EU**, with LED Back lighting(RGB Color Selection on software), replaceable face plate by user, IR Receive Optional, Dimming, ON/OFF, Curtain control ,Scene control, Combination dimming	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MPT4.48	Coming Soon!!	15mA	86*86*21	90	72
15		**NEW Generation 3 Button Smart Touch Panel EU**, with LED Back lighting(RGB Color Selection on software), replaceable face plate by user, IR Receive Optional, Dimming, ON/OFF, Curtain control ,Scene control, Combination dimming	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MPT3.48	Coming Soon!!	15mA	86*86*21	88	71
16		**NEW Generation 2 Button Smart Touch Panel EU**, with LED Back lighting(RGB Color Selection on software), replaceable face plate by user, IR Receive Optional, Dimming, ON/OFF, Curtain control ,Scene control, Combination dimming	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MPT2.48	Coming Soon!!	15mA	86*86*21	84	67
17		**NEW Generation 1 Button Smart Touch Panel EU**, with LED Back lighting(RGB Color Selection on software), replaceable face plate by user, IR Receive Optional, Dimming, ON/OFF, Curtain control ,Scene control, Combination dimming	support upgrate firmware via HDL Bus **((Plate Options: White/Black Glass with White Plastic Button) other NON standard products add USD 5 per PC and MOQ 100pcs required**	HDL-MPT1.48	Coming Soon!!	15mA	86*86*21	80	64
18		**HDL Plate Options for New Gerneration Keypad,** for new DLP, button Keypad and Touch Panel	**Above new generation panel plate could be changeable easily**	HDL Panel Plate	Coming Soon!!		86*86*26.5	10	8

19		**HDL Protection Plate,** for new DLP, button Keypad and Touch Panel	**Protect Panel from Dust when Project is in Decoration**	HDL Protection Plate	Coming Soon!!		86*86*26.5	**2**	**2**
20		**Panel Power Interface EU,** univeral for all above NEW Gerneration keypads, include new DLP panel, new button panel and new Touch panel	**For example, if you need order a new DLP Panel with White glass and button, you have to order HDL-MPL8.4810 and HDL-MPPI.48**	HDL-MPPI.48	Coming Soon!!		86*86*26.5	**29**	**23**
	Märkus: DLP lülitite tellimisel (alusplaadi/nupu värv ja materjal lisatellimusena) Alusplaadi valikud: 0- must klaas 1- valge klaas 2-shampanja alumiinium 3-harjatud alumiinium 4-pronks 5-kuldne vask 6-hall 7-kroom 8-harjatud pruun Nupu valikud: 0-valge plastik 1- hõbedane plastik 2-shampanja 3-harjatud alumiinium 4-pronks 5-kuldne vask 6-hall 7-kroom 8-harjatud pruun **Näide: HDL-MPL8.4810 on uus DLP lüliti koos valge alusplaadi ja valgete plastiknuppudega**								
21		**Smart DLP wall switch Panel US,** with LCD, Built in IR Receiver, Temperature sensor, english menu, Graphics with 2-way status update, 1-7 pages to control as needed: Four Page for Lighting and Swtich, one page for AC, one page for Zone audio and the last for Floor Heating ++ (Each Button has right and left button for different function, Back let LED, LCD Brightness control, menu ++)	All In One, Elegant Modular 2X4" Standard Decora US/ Australian Back Box, Selectable Face Cover materials and Colors **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-DLP-MUS	PRICE REDUCED BEST BUY	30mA	86*116.2*35	**244**	**195**
22		**1**	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS6-US	PRICE REDUCED BEST BUY	15mA	69.5*116.5*35	**137**	**110**
23		**4 Button Smart Wall switch Panel US,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS4-US	BEST BUY	15mA	69.5*116.5*35	**131**	**105**
24		**3 Bigger Button Smart Wall switch Panel US,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS3M-US	BEST BUY	15mA	69.5*116.5*35	**127**	**102**
25		**2 Bigger Button Smart Wall switch Panel US,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS2M-US	BEST BUY	15mA	69.5*116.5*35	**119**	**95**
26		**1 Bigger Button Smart Wall switch Panel US,** with LED Back lighting, and Engraving, Auto Lock Option function, IR Remote Control, Toggle, Dim, and double click macro function. (Glass color and button No. are optional)	Wall Switch to control Lighting and dimming, Areas, and scene **((Plate Options: White/Black Glass and aluminum) other NON standard products add USD 5 per PC and MOQ 100pcs required**	SB-WS1M-US	BEST BUY	15mA	69.5*116.5*35	**111**	**89**
27		**7" Color Home Control Touch Screen**, Wall Mountable, With USB Port and SD Card Port for Capacity expanding, Wired Type, TCP/IP Enabled, Screw Less technology (Glass Color are optional White and Black) (Including Touch Life Software, control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), and support Security	Build-in free of charge tuoch life software for home automation , control like lighting, cutrain, HVAC, music system , heating system ,security	SB-WL-TS7	BEST BUY	500mA	255*175*30	**908**	**727**
28		**Back Box for TS7" Wall Flush Touch screen**	Screw Less touch Screen Mounting Design	GI-BB-TS7		/	240*160*40	**16**	**13**
29		**Hand Held Infrared Remote Controller,** Simplified with Display. Works on CR2032 Batteries, To simply Immulate needed function to execute on Wall switch or 8 in 1 Ceiling mounted sensor, from the comfort of sofa or Bed. Some of the functions is: Lighting, Dimming, HVAC, Music, and Curtains ++ (See, Hear, Feel Control)	Control Flexibility, Bedroom, Bathroom, Office ++	SB-HHR-D		/	/	**51**	**41**
30		**NEW Infrared and Wireless Remote Controller**, With LCD Screen, support IR Emitting and Page convert, USB upgrade frimware, USB Charger and USB Date communication, build in IR leaner to lean the IR code from TV, DVD, AC remote control.	Work mode option for IR or wireless, Control Flexibility, Bedroom, Bathroom, Office ++	HDL-MTIRW	Coming Soon!!	/	/	**117**	**93**
1		**iRidium/HDL-BUS ProDevice V2.0,** 100% User defined software to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For App Device, one license for one control device (there is not difference if it's iOS, Android or Windows device)	iRidium App/HDL-BUS ProDevice	NEW!	/	/	**295**	**236**
2		**iRidium/HDL-BUS ProDevice Pro V2.0,** 100% User defined software to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For App Device, one license for one control device (there is not difference if it's iOS, Android or Windows device) **2-way communication with AV equipment**	iRidium App/HDL-BUS ProDevice Pro	NEW!	/	/	**541**	**433**
3		**iRidium/ HDL-BUS Pro Site V2.0,** 100% User defined software to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For App Device, one license for one controller and you can control the system from several control devices	iRidium App/HDL-BUS Pro Site	NEW!	/	/	**984**	**787**
4		**iRidium/ HDL-BUS Pro Site Pro V2.0,** 100% User defined software to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For App Device, one license for one controller and you can control the system from several control devices, **2-way communication with AV equipment**	iRidium App/HDL-BUS Pro Site Pro	NEW!	/	/	**1476**	**1181**
5		**HDL Ilife Software for Iphone ,**UI Interactive interface， easy operation and friendly interface,to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For Iphone, Fixed interface, one license for one control device	HDL Iphone/HDL-BUS ProDevice	NEW!	/	/	**238**	**190**
6		**HDL Ilife Software for Ipad**，UI Interactive interface， easy operation and friendly interface, ,to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For Pad, Fixed interface, one license for one control device	HDL Ipad/HDL-BUS ProDevice	NEW!	/	/	**295**	**236**

7		**HDL Ilife Software for HDL Bus Pro Site**，UI Interactive interface， easy operation and friendly interface, ,to control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	HDL-BUS Pro Site for Iphone and Ipad, you can control the system from several control devices	HDL App/ HDL-BUS Pro Site	NEW!			984	787
8		**HDL New Touch Life Software For Andriod Phone**, control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For Andriod System, Beta Version for testing is available	HDL Adriod Phone/ HDL BUS ProDevice	NEW!	/	/	238	190
9		**HDL NEW Touch Life Software For Andriod Pad**,control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For Andriod System, Beta Version for testing is available	HDL Adriod Pad/ HDL BUS ProDevice	NEW!	/	/	295	236
10		**HDL NEW Touch Life Software For Andriod Pad**,control lighting, HVAC, Curtain, Music(Integrate with Zone Audio), Energy Saving and support Security, IR device control such like TV, DVD	For Andriod System, Beta Version for testing is available	HDL Adriod/ HDL BUS Pro Site	NEW!			984	787
11		**HDL Graphics Monitor Software for Win7 system**, monitor and control to lighting channel via Graphics,with Alarm, timer,scene control, dimming and hyperlink	Graphics monitor software, monitor and control to lighting channel via Graphics,with Alarm, timer,scene control, dimming and hyperlink	SB-SW-GMS		/	/	246	197
(D) Zone Audio Background Music System									
1		**Zone Audio BackGround Music player**, with digital Amplifier 2x25Watts, Built in FM Radio tuner, 1 Local Source, FTP stream, Antenna Port, 1SD Card Port, With Bass and treble Adjustment, HDL Bus enable	Need extra power supply(+DC24V GND - DC24V), Support SD 2-8G SD card, Support Voice remind , security alarm, FTP data straem from internet	SB-Z-Audio	BEST BUY	06mA/DC 24 61mA/ DC-24	224*126*39	355	284
2		**1200mA Z-Audio Power Supply**, Din Rail Mount, +24,-24 VDC, 1.2A	Power Supply for Zone Audio	SB-DN-PS1.2AD		/	144*88*66	82	66
3		**1000mA Power Supply for Z-Audio**, +24,-24 VDC, 1.2A	Power Supply for Zone Audio	SB-ZA-PS24D		/	/	57	46
4		**High Quality Ceiling speaker, 6.5"**, rated power: 50W, efficiency/sensitivity: 85dB-95dB, Double Woofer Cross Over: Filters, 3 Selectable Tripple Levels, 12dB/Octave; 3/4 Khz		HDL-C65P	BEST BUY	/	/	70	56
9		433m Wireless Remote Controller			MWRT12				
(E) Sensors									
1		**8 in 1 Sensor** , Bus Enabled (PIR/LUX/temperature/IR receiver/ 6X360 degrees IR transmitter (250 IR Code Learnable), Two Zone Input contacts, (32) Automation and Energy Logics, 3 Addressable Zones Security Enabled), Distributed Intelligence. (Detection Angle = 110 Degrees, Adjustable detection Range 6 Meters diameter)	Control TV, DVD, Split AC, Save Energy, security Area, Receive IR commands, connect to Smoke or Door contacts ++	SB-CMS-8in1	BEST BUY	12mA	80*80*28	94	75
2		**12 in 1 Ultrasonic Sensor**, Bus Enabled, ultrasonic sensor,temperature Sensor, LUX, IR, PIR, two dry contacts input, two contact output(per channel 5A load), 32 logic blocks, IR emitter, IR receiver, Security, for both automation and security use, (PIR Detection Angle = 110 Degrees, PIR Adjustable detection Range 6 Meters diameter), (Ultrasonic Distance Adjustable 8 meters diameter)	ultrasonic and PIR work together by logic, Bathroom, Toilet, Bedroom & Living Room applications where people hardly move yet need system to detect occupants	SB-CMS-12in1	BEST BUY	150mA	108*108*34	144	115
3		**wall mount ultrasonic & PIR Sensor**, Bus Enabled, with Ultrasonic sensor, PIR sensor, temperature sensor, LUX sensor, one push button, 32 logic block, Elegant Modular 3X3" Standard BS and European Back Box, Selectable Face Cover (White and black glass)	Bathroom, Toilet, Bedroom & Living Room applications where people hardly move yet need system to detect occupants (Plate Options: White/Black) 0- Black Glass 1- White Glass	HDL-MSPU05.48	NEW!	150mA	86*86*61.5	113	90
4		**Ceiling Mount PIR & Lux Sensor,** Bus Enabled, PIR Sensor, Lux Sensor and Temp Sensor , two dry contacts, logic, security, for both automation and security use. (Detection Angle = 110 Degrees, Adjustable detection Range 6 Meters diameter)	Security, Lighting, Energy saving, **add more function based on last version**	SB-CMS-PIR	NEW!	12mA	80*80*28	70	56
5		**Wall Mount Wide Field PIR sensor**, Bus Enabled, PIR sensor for both automation and security use, (Detection Angle = 110 Degrees, Adjustable detection Range 12 Meters Distance)	Security, Lighting, Energy saving	SB-WMS-PIR		15mA	103.6*60.2*60	74	59
6		**Temperature , Humidity & LUX Sensor,** Bus enable, Room Air Temperature, Relative Humidity, and LUX Sensor, logic	application software can read all of information from this sensor, logic function	SB-CMS-THL		25mA	80*80*25	115	92
7		**Temperature ,Lux & Air Quality Sensor, Bus Enable, Air quality,** Room Air Temperature, LUX Sensor, logic	application software can read all of information from this sensor, logic function, the sensor can detect like: hydrogen,carbonic oxide, alcohol, methane, iso-butane, cigarette.	SB-CMS-LA		25mA	80*80*25	121	97
(F) Hotel System									
1		**Hotel Room Control Host**, Max. 48 control channels for HVAC, lighs, curtain, dimming(host must work with 20 channels Mix contorl for AC power control) , Built in all of Logic special for hotel application, include door lock, DND, maid service, RF card master, check in, check out, scene control ++, with ethernet, HDL Bus and Mix. link three interface , DIN-Rail Mount,	Max. two channels Mix. Control can be connect to host, normal Bus device like DLP panel . Normal switch panel , sensor , dry contact ++ can work with this host , one hotel room need one host , all of room connect to front desk by using Ethernet, all of rooms can be managed by HDL hotel manage software(HIMS), can monitor all of information like, lights, HVAC, DND, maid++, can be integrated with third party PMS software by HIMS software	SB-DN-48HNET		40mA	72*88*66	150	120
2		**20CH Pro Hotel Room Mix Control Module**, DIN-Rail Mount, 2ch dimming Each 2Amp / 18ch Relay 5A Each, for lighting, Curtain, HVAC Applications, Software selectable function from channel, **Need SB-DN-48HNET Hotel Host To Work**	For Hotel Rooms,must work with hotel host, be careful the type of load , recommand not more than 4 ballasts for each channel .	SB-DN-HMIX20	NEW!	260mA	144*88*66	242	194
3		**Intelligent Hotel Door Bell,** With Room/Apt/Office Number Back Lit, Capacitive Touch Technology, Elegant Crystal Glass Finish, Functions: (DND, Clean Room, and Pick Laundry indicators), Online update to house keeping, and Front office. Disable Bell if DND is active. Bus Enabled Network. Screw less Fixing Magnets.	Elegant, all in One Door Service Panel, Good for Hotel and Apartments support upgrate firmware via HDL Bus	SB-3S-Bell		25mA	105*170*30	168	134

4		**RF Intelligent Door Bell and Access Reader,** With Room/Apt Number Back Lit, Built in Card Proximity Reader, and Door Release Relay Controller, Magnetic Contact Input for door Status Monitoring, Capacitive Touch Technology, Elegant Crystal Glass Finish, Functions: (DND, Clean Room, and Pick Laundry indicators), Online update to house keeping, and Front office. Disable Bell if DND is active. Bus Enabled Network. Screw less Fixing Magnets.	with two dry contacts input, one 5A relay output, Elegant, all in One Door Service Panel, Good for Hotel and Apartments, support upgrate firmware via HDL Bus	SB-3S-Bell-XS	BEST BUY	25mA	105*170*30	271	216
5		**GRMS Bell Back Box** for Intelligent Door Bell and Door Bell with Access Unit (Special GI), 16X10X5cm Approximately	Produced for Proper Fit of intelligent Door Bell	GI-BB-Bell		/	94*159*30	14	11
6		**RF card Reader & Master Control (require wall box: UK) ,** Accept only Programed Real Active Room Card**,** Energy Master Switch with Delay Timer, BUS Enabled	Save energy if Client Leave room and take his card support upgrate firmware via HDL Bus	SB-RF-MSTR		15mA	86*86*9	139	112
7		**1 Button Smart switch Digital Wall Panel(require wall box: UK),** Brushed Bronze finished plate with engrave letters,rounded corners, for intelligent control, MOQ demanded	Custom wall panel for Park Hyatt Hotel Sydney	SB-WS1B-UK	PRICE REDUCED	15mA	86*86*9	96	77
8		**2 Button Smart switch Digital Wall Panel(require wall box: UK),** Brushed Bronze finished plate with engrave letters,rounded corners, for intelligent control, MOQ demanded(100PCS)	Custom wall panel for Park Hyatt Hotel Sydney	SB-WS2B-UK	PRICE REDUCED	15mA	86*86*9	100	80
9		**4 Button Smart switch Digital Wall Panel(require wall box: UK),** Brushed Bronze finished plate with engrave letters,rounded corners, for intelligent control, MOQ demanded(100PCS)	Custom wall panel for Park Hyatt Hotel Sydney	SB-WS4B-UK	PRICE REDUCED	15mA	86*86*9	105	84
10		**8 Button Smart switch Digital Wall Panel(require double wall box: UK),** Brushed Bronze finished plate with engrave letters,rounded corners, for intelligent control, MOQ demanded(100PCS)	Custom wall panel for Park Hyatt Hotel Sydney	SB-WS8B-UK	PRICE REDUCED	15mA	172*86*9	211	169
11		**Smart Door Bell(require wall box: UK),** Brushed Bronze finished plate with engrave letters,rounded corners, for intelligent control, MOQ demanded(100PCS)	Custom wall panel for Park Hyatt Hotel Sydney	SB-1S-BELL	PRICE REDUCED	15mA	86*86*9	105	84
12		**Modernize Series Hotel Room Multifunction Pane**l (Multi Media Connector, with 10A socket, Audio and Video Socket, VGA, TV data, Tel and PC data, HDMI, USB Charger	Hotel Socket, Round Type, black and white color	SB-MS-Black SB-MS-White		/	/	217	174
13		**Modernize Series Hotel Room Multifunction Panel** (Multi Media Connector, with 10A socket, Audio and Video Socket, VGA, TV data, Tel and PC data, HDMI, USB Charger	Hotel Socket, Square Type, black and white color	SB-MS-White-S SB-MS-Black-S		/	/	201	161
(G) LED/DMX System										
1		**3CH 4A LED Driver**, 3CH=RGB, 24VDC, DMX Enabled, to give power and control LED Lighting Brightness/ dimming and Color Mixing ***(Can Ask For Special 12V Version if Qty is Above 30)	Robe Lights, and RGB 24V LED Fixtures, Optional 12V ++	SB-WM-LED0304	PRICE REDUCED	/	310*230*87	445	356
2		**3CH 650mA LED Driver**, 3CH=RGB, 12-30VDC, DMX Enabled, to give power and control LED Lighting Brightness/ dimming and Color Mixing	Robe Lights, and RGB 12-30V LED Fixtures,	SB-LED650mA		/	96*58.5*22.5	88	71
3		**48 Channels DMX Scene Controller**, DIN-Rail Mount, Ethernet Enabled, Bus Enabled, DMX512 protocol Port	Show control, Stage Lighting, Color Mixing, Scenes and Sequence	SB-DN-48DMX		40mA	72*88*66	131	105
4		**512 Channels DMX Scene Controller**, DIN-Rail Mount, Ethernet Enabled, Bus Enabled, DMX512 protocol Port	Show control, Stage Lighting, Color Mixing, Scenes and Sequence	SB-DN-512DMX		200mA	144*88*66	355	284
5		**DMX Show Recorder,** Great Bridge for Recording whole show and playing Back show from bus commands	4 hours for recording show, Max. 48 show can be recorded, support ArtNet net DMX protocol, Advertisement and Show Recorders and Play back	SB-DN-Recorder		40mA	144*88*66	476	380
(H) Security/BMS/Climate and Curtain Control										
1		**Smart IR Transmitter with Current Sensor,** Bus enable, 250 IR code , build in current sensor for TV control, for HVAC, Media control (home Appliances)	control any IR enable devices, build in current sensor special for ON/OFF of TV or some device with one IR code for ON/OFF, need IR diode to connect this module	SB-IR-EM	BEST BUY	12mA	49*31*12	70	56
2		**4 Zone Dry Contact Module** , Bus Enabled, for Automation Security, can be used for Door, windows,third party sensor, normal electrical switch or any application that need convert dry contact in Bus system, Small size can fit behind switch: Approximately (5X3X1) cm only.	support upgrate firmware via HDL Bus, Automation, Security, Converting Old Systems (Smart)	SB-DRY-4Z	BEST BUY	20mA	49*31*12	51	41
3		**24 Zone Dry Contact Module**, Din Rail, Bus Enabled,f Bus Enabled, for Automation Security, can be used for Door, windows,third party sensor, normal electrical switch or any application that need convert dry contact in Bus system.	support upgrate firmware via HDL Bus, Automation, Security, Converting Old Systems (Smart)	SB-DN-DRY-24Z	NEW!	20mA	144*88*66	211	169
4		**Security Command Module,** Bus Enabled, Supports 8 different zone, each zone can connect to 32 sensors, Auto Arming/ Disarming function, vacation, day, night, guest mode, bypass, second alarm	this module can trig HDL music when you enable, disable or there is alarm happended, can send command trun ON/OFF lights, siren, send SMS message out by trig SMS module,automatic timing for vacation mode	SB-DN-SEC250K		15mA	72*88*66	178	143
5		**Logic Automation Module** (240 tables, Each Table of 4 programmable Logic Lines) = 960 Line of Logics Each Module for Advanced Automation Using simplified (and, Or, Nand, Nor, with 255 Flags) Has Built in Time clock broadcast, Prayer Times Triggering, and PA Control, Personal & Medical reminders ++	Automation, Personal Secretary, HVAC monitoring, Energy control, House Keeping invisible servant	SB-DN-Logic960	BEST BUY	15mA	72*88*66	178	143
6		**SMS Control Module.** DIN-Rail Mount, With Ethernet TCPIP, BUS Bridging, and GSM Card Slot (receive up to 99 SMS massages and Transmit up to 24 Massages) for Problems reporting, security alerts, Safety Problems, and Any Automation Needs or triggers of events (remotely)	Automation, Security and Safety, Bridging Remote Control and Command	SB-DN-SMS/IP	PRICE REDUCED	500mA	144*88*66	742	594

7		**2Ch Motorized Curtain Control Module**, DIN-Rail Mount, Bus enabled ,Each is 2 ch Pass Through, Switch Over Relays 10A, (Green operated supplied by 24VAC/25mA)	For Any Motor 2 direction operation like: Curtain, Drape, Screens, Gates, Lift, Escalator, Plasma Lifts, Sky Lights, Pool covers++	SB-DN-2Motor	BEST BUY	35mA	72*88*66	115	92
8		**Air Condition Control Module,** DIN-Rail Mount, Bus Enabled, Single and Multi stage Units (Heat, Cool, Single stage, Fan low, High,Meduim, VAV 0-10V)	To Handle FCU, AHU, VAV Systems	SB-DN-HVAC	BEST BUY	35mA	72*88*66	111	89
9		**Floor Heating Module,** DIN-Rail Mount, Bus Enabled, build in PID control, master/ slave mode, timer/day/night/normal mode, Totally 6 channesl to control floor heating values. Each channel has both 0-10V and long life relay in side, allow to connect 13 Digital sensors. Notice: the relay can connect to DC valve, AC valve, Max. 1A current for each channel relay, the ON/OFF life of relay reach 1.5 million	For Floor Heating/cooling, heating Application	HDL-MFH06.432	NEW!	100mA	144*88*66	219	175
10		**Digital Thermometer for Floor Heating Module,** one wire bus for all of sensor, simple installation, metal shell with epoxy resin packaging protect sensor, allow to be putted to any of application for measure temperature	the cable of sensor can reach 100m, the range for the digital temperature sensor is -50 to +125 degrees.	DALLAS DS18B20	NEW!			6	5
11		**4 Zone Temperature sensor,** with analog sensor, for Floor heating function or temperature measure application	For Floor Heating and other temperature application	SB-MTS04.2	NEW!	15mA	49*31*12	53	43
12		**Temperature Probe, analog sensor, work with SB-MTS04.2 for floor heating or other temperature application**	the recommend distance of wire less 5m, the range for the analog temperature sensor is -40 to +150 degrees.	APR-CWF103F3470FA	NEW!	/	/	4	3
13		**OPC Server** (OLE for Process Control) Integration Server for Linking to BAC Net Systems, -- (Free Download From Website for Dealers, require Dealer Log in Password)	with HDL OPC server, the BA or BMS system can control and monitor HDL automation system for train station, budiling application++	OPC-Serv		/	/	260	208
14		**NEW Digital 1 Phase 3channel Power Meter** - DIN-Rail Mount, Bus Enabled, single phase 3channel, Each channel 20A(allow to connect extra current sensor to extend current), one year data record and feedback on application software, build in logic for input voltage and current and KWH application, have three relay output, 1A current for per channel relay	real time monitor KW, KWH, voltage, current ++, Electricity Consumption Monitoring and Alert Triggering	SB-DN-PM1P03	NEW!	20mA	72*88*66	303	243
15		**NEW Digital 3 Phase Power Meter** - DIN-Rail Mount, Bus Enabled, three phase, each phase 20A(allow to connect extra current sensor to extend current), one year data record and feedback on application software, build in logic for input voltage and current and KWH application	real time monitor KW, KWH, voltage, current ++, Electricity Consumption Monitoring and Alert Triggering	SB-DN-PM3P01	NEW!	20mA	72*88*66	303	243
16		**50A Current Transformer,** For Power Meter Each 50A to 5A, Need: One Per Phase, must attache to work with Power Meter	As per Installation Needs	SB-CUR50A		/	/	14	11
17		**100A Current Transformer,** For Power Meter Each 100A to 5A, Need: One Per Phase, must attache to work with Power Meter	As per Installation Needs	SB-CUR100A		/	/	18	15
18		**200A Current Transformer,** For Power Meter Each 200A to 5A, Need: One Per Phase, must attache to work with Power Meter	As per Installation Needs	SB-CUR200A		/	/	23	18
(I) Power Supply Modules									
1		**250mA Power supply Module**,DIN-Rail Mount,**110V**Input, DC24/250mA Output (Overheat, Overload, Surge Protection),	Module Easy To Add	SB-DN-PS250	To Be Discontinued	/	72*88*66	35	28
2		**750mA Power supply Module**, DIN-Rail Mount ,220V AC Input 50-60Hz, DC24/750mA output, (Overheat, Overload, Surge Protection)	Module Easy To Add	SB-DN-PS750	BEST BUY	/	72*88*66	84	67
3		**2400mA Power supply Module**, DIN-Rail Mount110V/220V AC Input 50-60Hz, DC24/2400mA output, (Overheat, Overload, Surge Protection)	Dual Voltage Modular High Power	SB-DN-PS2.4A	BEST BUY	/	144*88*66	170	136
(J) Gateway									
1		**1 Port Programming Gateway Module**, DIN-Rail Mount, (Bus and Ethernet Interface) , Can Be used Dual: (For Programming + As Network Bridge)	Programming / Ethernet Port, BUS Network Bridge	SB-DN-1IP	BEST BUY	50mA	72*88*66	125	100
2		**Bacnet AC Gateway,** DIN-Rail Mount, Bus and Ethernet enabled, build in the BacNet protocol to allow control VRV system from HDL automation system. Notice: the current version supply Daikin VRV	integrate HDL system to BA or BMS to control VRV system, this BacNet module allow to connect 64 indoor unit	HDL-BN-VRV	Coming Soon!!	50mA	72*88*66	197	157
3		**Bacnet Server,** DIN-Rail Mount, Bus and Ethernet enabled, build in the BacNet protocol to allow BA and BMS system to monitor and control HDL system via BacNet protocol, like lighting, HVAC, Curtain, floor heating ++	4096 point for in and out , support AI,AO,DI,DO,MI,MO ++	HDL-BN-4096	Coming Soon!!	50mA	72*88*66	328	262
4		**Rs232/Bus Pro Gateway Module,** DIN-Rail Mount, with BUS/RS232, 485 & IP/UDP, Bridge Converter, 200 ASCII tables as a standard protocol, support HEX data, work in all Baud Rates, 2-way communication for integration and status Update	Programming / Ethernet Port, BUS Network Bridge, 3rd Party Integration	SB-DN-232IP-Pro	BEST BUY	85mA	72*88*66	164	131
5		**RS232/Bus Gateway Module**, DIN-Rail Mount, with BUS/RS232, 485, Bridge Converter, 200 ASCII tables as a standard protocol, support HEX data, work in all Baud Rates, 2-way communication for integration and status Update	Integration, Programming, Nuvo Link	SB-DN-RS232N		15mA	72*88*66	125	100
6		**BUS/EIB Gateway**, 2-way Bridge Converter, DIN-Rail Mount, BUS Enabled, to Give full 2-way communication and make HDL-Bus as Family Member within the KNX-EIB Environment	KNX EIB Bus Bridge 2-way Interface	SB-DN-EIB		25mA	72*88*66	172	138

(K) System Accessories

1		**Infrared Code Learner,** USB Pluggable, IR learning/ Programming Kit. Comes with Software driver, for Pro installers and Integrators	Programer Kit, **DO NOT Need Driver**	SB-IR-Learn.01		/	98*70*38	**109**	**87**
2		**HDL BUS Fast Connector,** With 2 (Two) RJ45 Port, 20pcs each box	Saving wiring time	SB-MFC01		/	/	**129**	**103**
3		**HDL-Cable**, 4 cores(red,black,white,yellow),Aluminum foil shielding,ground line, Copper wire diameter:0.8mm, Twisted pair:2 x Twisted pair(red and black,white and yellow), 200meter each reel	HDL Bus and KNX cable Resistivity <35 ohms/km Diameter:0.8mm 40 twisting/m	HDL-Cable		/	/	**226**	**180**
4		**Pro Installer Upgrade Kit** , Cables and Pins Kit to help Installer Upgrade of Panels and Modules	Programer Kit	SB-UPG-KIT		/	/	**64**	**51**

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