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# Guangzhou Video-Star Intelligent Corp., Ltd

## KNX HOME & BUILDING CONTROL SYSTEM PRICE LIST
### CONFIDENTIAL

## Black Cat Control Systems & TEM Australia

## All prices are in U.S. Dollars valid from 1 November 2023

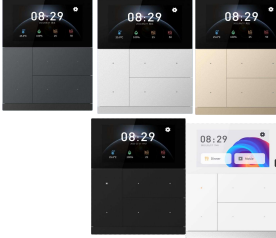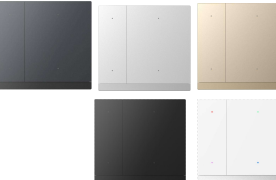| S/N | Picture | Brief Description | Model | Dimension (mm) | List Price /USD | |
|---|---|---|---|---|---|---|
| **(A) Classic KNX Smart Touch Panel & Button** | | | | | | |
| 1 | | **Smart Home Server Z10, 10.1" (KNX & Intercom)** 10.1" IPS touch panel,resolution 1280*800, aluminum faceplate, ambience LED strip, built-in temperature sensor. Full KNX functions with list-view or map-view, full intercom functions, 48V PoE, connect IP camera. 15 control pages of switch,dimming, shutter, scene control, value sending, RGB, HVAC, AC,ventilation,floor heating, audio control, energy metering, air quality display. Max.16 timing, 8 group event, 8 logic functions. Power: KNX Bus & 48V POE(or 24-30 VDC)   Consumption: bus 3mA & Auxiliary 200mA Installation: wall mounted, fits in 86*86mm and German double-60mm wall boxes. Color option: Gray | A-IS03 | 186.8*240*40 | $989.00 | |
| 2 | **Phasing-out…** | **KNX Smart Touch Panel V10, 10.1"** 10.1" color TFT touch panel, resolution 1280*800, aluminum faceplate, built-in temperature sensor. Full KNX functions: 10 control pages including switch, dimming, shutter, scene control, value sending, RGB, HVAC, AC,floor heating, ventilation, audio control,air quality display.Max.32 timing, 2 group event,8 logic functions. Installation: wall mounted with bracket, fits in 86*86mm, German 60*60mm wall boxes. Power: KNX Bus & Auxiliary; Consumption: bus 3mA & Auxiliary 200mA/ Color option: Black/Gold | CHTF-10.1/20.1.21(Black) CHTF-10.1/20.1.24(Gold) | 206*305*28 | $889.00 | |

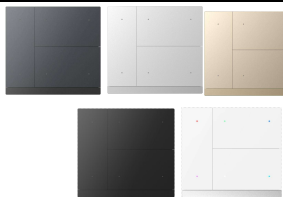| | | | | | |
|---|---|---|---|---|---|
| 3 |  **NEW!** | **KNX Smart Touch Panel V50s, 5"**<br>5" IPS touch panel, resolution 480*854, aluminum faceplate, built-in temperature & proximity sensor, vertical/horizontal adjustable. Full KNX functions: **15 control pages(5 basic+10 advance)** including switch,dimming, shutter, scene control, value sending, RGB, RGBW,RGBCW,Color Temp. control, HVAC, AC,floor heating, ventilation, audio control(support song info), energy metering, air quality display. Max.16 timing(weekly timer can be set on screen) , 8 group event, 8 logic functions, HCL, alarm function. Support icon customization by SD card. Support 12 languages(can also choose on screen)<br>Power: KNX Bus & Auxiliary; Consumption: bus 4.5mA & Auxiliary 86mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes.<br>Color option: Black/White | Vertical/Horizontal:<br>CHTF-5.0/15.5.21(Black)<br>CHTF-5.0/15.5.22(White) | Vertical:<br>86*148.8*32.5<br>Horizontal:<br>148.8*86*32.5 | $669.00 |
| 4 |  **Phasing-out...** | **KNX Smart Touch Panel V50, 5"**<br>5" IPS touch panel, resolution 480*854, aluminum faceplate, built-in temperature & proximity sensor, vertical/horizontal version available. Full KNX functions: **15 control pages (5 basic+10 advance)** including switch,dimming, shutter ,scene control, value sending, RGB, HVAC, AC,floor heating, ventilation, audio control, energy metering, air quality display. Max.16 timing functions, 8 group event, 8 logic functions, Support icon customization by SD card.  Support 8 languages(can only set on ETS)<br>Power: KNX Bus & Auxiliary; Consumption: bus 3.5mA & Auxiliary 150mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes.<br>Color option: Black/White | Vertical:<br>CHTF-5.0/15.3.21(Black)<br>CHTF-5.0/15.3.22(White)<br>Horizontal<br>CHTF-5.0/15.4.21(Black)<br>CHTF-5.0/15.4.22(White) | Vertical:<br>86*148.8*32.5<br>Horizontal:<br>148.8*86*32.5 | $669.00 |
| 5 |  **Phasing-out...** | **KNX Smart Touch Panel V40, 4"**<br>4" IPS touch panel, resolution 480*480, aluminum faceplate, built-in temperature & proximity sensor.<br>Full KNX functions : **15 control pages(5 basic+10 advance)** including switch, dimming, shutter, scene control, value sending, RGB, HVAC, AC, floor heating, ventilation, audio control, energy metering, air quality display. Max.16 timing, 8 group event, 8 logic functions, icon customization by SD card. Support 8 languages(can only set on ETS)<br>Power: KNX Bus & Auxiliary; Consumption: bus 3.5mA & Auxiliary 130mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes.<br>Color option: Black/White | CHTF-4.0/15.3.21(Black)<br>CHTF-4.0/15.3.22(Silver) | 86*101.3*32.2 | $589.00 |
| 6 |  **NEW!** | **KNX Smart Touch Panel V40s, 4"**<br>4" IPS touch panel, resolution 480*480, aluminum faceplate, built-in temperature & proximity  sensor.<br>Full KNX functions: **9 control pages(5 basic+4 advance)**  including switch, dimming, shutter, scene control, value sending, RGB, RGBW,RGBCW, Color Temp. control, HVAC, AC,floor heating, ventilation, audio control(support song info), energy metering, air quality display. Max.8 timing(weekly timer can be set on screen) , 8 group event, 8 logic functions, alarm function.icon customization by SD card. Support 12 languages(can also choose on screen)<br>Power: KNX Bus & Auxiliary; Consumption: bus 4.5mA & Auxiliary 86mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes.<br>Color option: Black/White | CHTF-4.0/9.5.21(Black)<br>CHTF-4.0/9.5.22(Silver) | 86*101.3*32.2 | $569.00 |
| 7 |  | **KNX Smart Touch Panel 4", V40, lite**<br>4" IPS touch panel, resolution 480*480, aluminum faceplate, built-in temperature & proximity sensor.<br>Full KNX functions: **6 control pages(2 basic+4 advance)**  including switch, dimming, shutter, scene control, value sending, RGB, HVAC, AC, floor heating, ventilation, audio control, energy metering, air quality display. icon customization by SD card. Support 8 languages(can only set on ETS)<br>Power: KNX Bus & Auxiliary; Consumption: bus 3.5mA & Auxiliary 130mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes.<br>Color option: Black/White | CHTF-4.0/15.4.21(Black)<br>CHTF-4.0/15.4.22(Silver) | 86*101.3*32.2 | $499.00 |

| # | | Description | Model | Dimensions | Price | |
|---|---|---|---|---|---|---|
| 8 |  | **KNX Touch Panel Slim, 6-Button** <br> Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icons customization. <br> Power: KNX Bus only; Consumption: bus 14mA <br> Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes. Color option: Black/Silver | CHTB-06/01.2.21(Black) <br> CHTB-06/01.2.22(Silver) <br> CHTB-06/01.2.24(Gold) | 86*86*32 | $145.00 | |
| 9 |  | **KNX Touch Panel Slim, 4-Button** <br> Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icon customization. <br> Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes. <br> Power: KNX Bus only; Consumption: bus 14mA <br> Color option: Black/Silver | CHTB-04/01.2.21(Black) <br> CHTB-04/01.2.22(Silver) | 86*86*32 | $137.00 | |
| 10 |  | **KNX Touch Panel Slim, 2 Buttons** <br> Elegant glass touch buttons, metal frame, blue/yellow color LED indicator. Full KNX functions including switch, dimming, shutter, scene control, value sending. Support icon customization. <br> Power: KNX Bus only; Consumption: bus 14mA <br> Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes. Color option: Black/Silver | CHTB-02/01.2.21(Black) <br> CHTB-02/01.2.22(Silver) | 86*86*32 | $129.00 | |

**(B) KNX Waltz Series Touch Pad & Push Button**

| # | | Description | Model | Dimensions | Price | |
|---|---|---|---|---|---|---|
| 11 |  <br> **NEW!** | **KNX Waltz Touch+ Pad** <br> 3" IPS touch panel, resolution 854*480, replaceable mechanical metal/plastic buttons, built-in temperature & humidity & proximity sensor, animation effects on display when buttons operated, alram function, 2-fold input(Binary or NTC), RGB color LED indicator. Full KNX functions: 6 control pages including switch, dimming, shutter, scene control, value sending, RGB, RGBW, RGBCW, Color Temp. control, HVAC, AC, floor heating, ventilation, audio control, energy metering, air quality display. Max. 8 group event, 8 logic functions. Support icons customization. Support 9 languages(can only set on ETS) <br> Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes. Power: KNX Bus & Auxiliary; Consumption: bus 4mA & Auxiliary 105mA Color option: <br> Plastic Button: Mystical Gray / Celestial Silver / Splendorous Gold / Classical Black / Crystal White <br> Metal Button: Mystical Gray / Celestial Silver / Splendorous Gold / Classical Black / Crystal White | Plastic Button: <br> CHTFB-3.0/6.1.03(Gray) <br> CHTFB-3.0/6.1.02 (Silver) <br> CHTFB-3.0/6.1.04 (Gold) <br> CHTFB-3.0/6.1.00(White) <br> CHTFB-3.0/6.1.01(Black) | 115*86*34.7 | $579.00 | |
| | | | Metal Button: <br> CHTFB-3.0/6.1.23(Gray) <br> CHTFB-3.0/6.1.22(Silver) <br> CHTFB-3.0/6.1.24(Gold) <br> CHTFB-3.0/6.1.21(Black) | | $599.00 | |
| | | | CHTFB-3.0/6.1.20(White) | | $614.00 | |
| 12 |  <br> **NEW!** | **KNX Waltz Push Button, 2-Gang** <br> Replaceable mechanical metal/plastic buttons, built-in temperature sensor, 2-fold input(Binary or NTC), RGB color LED indicator. Full KNX functions including switch, dimming, shutter,scene control, value sending, RGB,RGBW,Color Temp. control, shift register, RTC operation, Multiple operation, Delay mode. Max. 8 group event,8 logic functions. Support icons customization. <br> Power: KNX Bus only; Consumption: bus 21mA <br> Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes. Color option: Mystical Gray / Celestial Silver / Splendorous Gold / Classical Black / Crystal White | Metal Button: <br> CHPB-04/02.1.23(Gray) <br> CHPB-04/02.1.22(Silver) <br> CHPB-04/02.1.24(Gold) <br> CHPB-04/02.1.21(Black) | 86*86*33 | $204.00 | |
| | | | CHPB-04/02.1.20(White) | | $219.00 | |

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|---|---|---|---|---|---|
| 13 |  NEW! | **KNX Waltz Push Button, 3-Gang**<br>Replaceable mechanical metal/plastic buttons, built-in temperature sensor, 2-fold input(Binary or NTC), RGB color LED indicator.<br>Full KNX functions including switch, dimming, shutter,scene control, value sending, RGB,RGBW,Color Temp. control, shift register, RTC operation, Multiple operation, Delay mode. Max. 8 group event,8 logic functions. Support icons customization.<br>Power: KNX Bus only; Consumption: bus 21mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes. Color option: Mystical Gray / Celestial Silver / Splendorous Gold / Classical Black / Crystal White | Metal Button:<br>CHPB-06/02.1.23(Gray)<br>CHPB-06/02.1.22(Silver)<br>CHPB-06/02.1.24(Gold)<br>CHPB-06/02.1.21(Black) | 86*86*33 | $229.00 |
| | | | CHPB-06/02.1.20(White) | | $244.00 |
| 14 |  NEW! | **KNX Waltz Push Button , 4-Gang**<br>Replaceable mechanical metal/plastic buttons, built-in temperature sensor, 2-fold input(Binary or NTC), RGB color LED indicator.<br>Full KNX functions including switch, dimming, shutter,scene control, value sending, RGB,RGBW,Color Temp. control, shift register, RTC operation, Multiple operation, Delay mode. Max. 8 group event,8 logic functions. Support icons customization.<br>Power: KNX Bus only; Consumption: bus 21mA<br>Installation: wall mounted, fits in 86*86mm, German 60*60mm, Swiss/Australian /US standard wall boxes. Color option: Mystical Gray / Celestial Silver / Splendorous Gold / Classical Black / Crystal White | Metal Button:<br>CHPB-08/02.1.23(Gray)<br>CHPB-08/02.1.22(Silver)<br>CHPB-08/02.1.24(Gold)<br>CHPB-08/02.1.21(Black) | 86*86*33 | $239.00 |
| | | | CHPB-08/02.1.20(White) | | $254.00 |

## (C) KNX 55mm Series Thermostat & Push Button

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|---|---|---|---|---|---|
| 15 |  NEW! | **KNX Push Button Sensor with LCD, 55mm** (KNX Secure)<br>LCD display, resolution 240*240, built-in temperature & Humidity sensor, 2-fold input interfaces. It can be used as push button sensor/multifunction thermostat/audio control. For push button control: 3 control pages, 4 buttons each page, fulll KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW,Color Temp. control,shift register, RTC operation, multiple operation, delay mode. Max. 8 group event, 8 logic functions. For thermostat: support fan coil Conrtol, VRF control, floor heating and ventilation. For auido control, support song information display.<br>Power: KNX Bus only; Consumption: bus 18mA<br>Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes.<br>Color option: White/ Black, Shiny/ Matt finish | Shiny Finish:<br>CHPBL-03/00.1.00(White)<br>Matt Finish:<br>CHPBL-03/00.2.00(White)<br>CHPBL-03/00.2.01(Black) | 70.8*70.8*19.3 | $269.00 |
| 16 |  NEW! | **KNX Thermostat Lite, 55mm** (KNX Secure)<br>Built-in temperature & humidity sensor, 2 external inputs of dry contact or NTC temperature detection.<br>Room temperature control (RTC-1 fold) :support control modes: heating/colling, with 2/4-pipe system; HVAC operation modes: comfort,standby,economy,protection. Temperature logic algorithm supports 2-point and PI control<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Matt finish | Matt Finish:<br>CHTL-02/00.2.00 (White) | 70.8*70.8*19.3 | $169.00 |
| 17 |  NEW! | **KNX CO2/Temp/Humidity Sensor, 55mm**  (KNX Secure)<br>Built-in CO2 & temperature & humidity sensor, 2 external inputs of dry contact or NTC temperature detection.<br>Room temperature control (RTC-3 folds) :support control modes: heating/colling, with 2/4-pipe system; HVAC operation modes: comfort,standby,economy,protection. Temperature logic algorithm supports 2-point and PI control<br>Air quality level function: humidity control( 4 levels), CO2 level output(4 levels)<br>Air quality controller: humidity control(step), CO2 level output(step & PI ). support alarm function<br>Power: KNX Bus only; Consumption: bus 17mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Matt finish | Matt Finish:<br>CHAQ-03/55.2.00(White) | 70.8*70.8*19.3 | $279.00 |

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| 18 |  | **KNX Push Button Sensor, 1-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Shiny/ Matt finish | Shiny Finish<br>CHPLE-02/02.1.00<br>Matt Finish<br>CHPLE-02/02.2.00 | 70.8*70.8*18.7 | $112.00 | |
| 19 |  | **KNX Push Button Sensor, 2-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Shiny/ Matt finish | Shiny Finish<br>CHPLE-04/02.1.00<br>Matt Finish<br>CHPLE-04/02.2.00 | 70.8*70.8*18.7 | $123.00 | |
| 20 |  | **KNX Push Button Sensor, 3-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Shiny/ Matt finish | Shiny Finish<br>CHPLE-06/02.1.00<br>Matt Finish<br>CHPLE-06/02.2.00 | 70.8*70.8*18.7 | $134.00 | |

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| 21 |  | **KNX Push Button Sensor, 4-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: White, Shiny/ Matt finish | Shiny Finish<br>CHPLE-08/02.1.00<br>Matt Finish<br>CHPLE-08/02.2.00 | 70.8*70.8*18.7 | $146.00 | |
| 22 |  | **KNX Push Button Sensor, 1-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: Black Matt finish | Black<br>CHPLE-02/02.2.03 | 70.8*70.8*18.7 | $121.00 | |
| 23 |  | **KNX Push Button Sensor, 2-gang**, 55mm<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: Black Matt finish | Black<br>CHPLE-04/02.2.03 | 70.8*70.8*18.7 | $132.00 | |

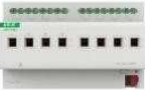| | | | | | |
|---|---|---|---|---|---|
| 24 |  | **KNX Push Button Sensor, 3-gang**, **55mm**<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German  60*60mm wall boxes.<br>Color option: Black Matt finish<br><br>Black<br>CHPLE-06/02.2.03 | 70.8*70.8*18.7 | $143.00 | |
| 25 |  | **KNX Push Button Sensor, 4-gang**, **55mm**<br>Classic plastic push button, laser printed paper for icons or description, built-in temperature sensor. Full KNX functions including switch, dimming, shutter, scene control, value sending, RGB,RGBW, shift register, multiple operation, delay mode. Max. 8 group event, 8 logic functions,Red/Green/Blue color LED indicator.<br>Power: KNX Bus only; Consumption: bus 6mA<br>Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes.<br>Color option: Black Matt finish<br><br>Black<br>CHPLE-08/02.2.03 | 70.8*70.8*18.7 | $155.00 | |
| 26 |  | **KNX Push Button Sensor, 1 key, J Series**<br>1 button,  KNX  Intelligent Push button, grey, plastic | CHKPT-01/01.1.03 | 86mm box | $132.00 | |
| 27 |  | **KNX Push Button Sensor, 2 key, J Series**<br>2 button,  KNX  Intelligent Push button, grey, plastic | CHKPT-01/02.1.03 | 86mm box | $137.60 | |
| 28 |  | **KNX Push Button Sensor, 3 key, J Series**<br>3 button,  KNX  Intelligent Push button, grey, plastic | CHKPT-01/03.1.03 | 86mm box | $143.20 | |
| 29 |  | **KNX Push Button Sensor, 4 key, J Series**<br>4 button,  KNX  Intelligent Push button, grey, plastic | CHKPT-01/04.1.03 | 86mm box | $148.80 | |
| 30 |  | **KNX Push Button Sensor, 6 key, J Series**<br>6 button,  KNX  Intelligent Push button, grey, plastic | CHKPT-01/06.1.03 | 86mm box | $154.40 | |
| 31 |  | **KNX Push Button Sensor, Mix key, J Series**<br>Panel sets,  KNX  Intelligent Push button, grey, plastic | | 86mm box | combination price | |
| 32 |  | **KNX Push Button Sensor, Mix key, J Series**<br>Panel sets,  KNX  Intelligent Push button, grey, plastic | | 86mm box | combination price | |

**(D) Classic KNX Switch & Multi-functional Actuator**

| # | Image | Description | Model | Dimensions | Price | |
|---|---|---|---|---|---|---|
| 33 |  NEW! | **KNX Switch Actuator 4-Fold, 16A (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switch, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | KA/R 0416.2 (Normal) | 72*90*64 | $246.00 | |
| | | | ARSA-04/16.S(KNX Secure) | | $258.00 | |
| 34 |  NEW! | **KNX Switch Actuator 8-Fold, 16A (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switching, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | KA/R 0816.2 (Normal) | 144*90*64 | $348.00 | |
| | | | ARSA-08/16.S(KNX Secure) | | $365.00 | |
| 35 |  NEW! | **KNX Switch Actuator 12-Fold, 16A (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switching, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | KA/R 1216.2 (Normal) | 216*90*64 | $442.00 | |
| | | | ARSA-12/16.S(KNX Secure) | | $464.00 | |
| 36 |  NEW! | **KNX Switch Actuator 4-Fold, 16A, Current Mesurement (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including, current measurement, switching, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | ARCD-04/16.2 (Normal) | 72*90*64 | $308.00 | |
| | | | ARCD-04/16.S(KNX Secure) | | $323.00 | |
| 37 |  NEW! | **KNX Switch Actuator 8-Fold, 16A, Current Mesurement (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including, current measurement, switching, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | ARCD-08/16.2 (Normal) | 144*90*64 | $435.00 | |
| | | | ARCD-08/16.S(KNX Secure) | | $457.00 | |
| 38 |  NEW! | **KNX Switch Actuator 12-Fold, 16A, Current Mesurement (Normal / Secure)** 16A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including current measurement, switching, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation etc. Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | ARCD-12/16.2 (Normal) | 216*90*64 | $552.00 | |
| | | | ARCD-12/16.S(KNX Secure) | | $580.00 | |
| 39 | | **KNX Switch Actuator 4-Fold, 20A (Normal / Secure)** 20A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switching, status response, scene control (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. | KA/R 0420.1 (Normal) | 72*90*64 | $385.00 | |

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| |  **NEW!** | Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | ARSA-04/20.S(KNX Secure) | | $404.00 |
| 40 |  **NEW!** | **KNX Switch Actuator 8-Fold, 20A   (Normal / Secure)** <br> 20A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switching, status response, scene control  (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. <br> Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | KA/R 0820.1  (Normal) <br><br> ARSA-08/20.S(KNX Secure) | 144*90*64 | $544.00 <br><br> $571.00 |
| 41 |  **NEW!** | **KNX Switch Actuator 12-Fold, 20A  (Normal / Secure)** <br> 20A/channel, Un rated voltage 250V AC, 50/60Hz, high-current magnetic relay. Switch/heating actuator operation mode. Main KNX functions including switching, status response, scene control  (Normal: 5 folds/ Secure: 8 folds), time switching, preset, logic function, threshold, forced operation etc. <br> Power: KNX Bus only; Consumption: bus 12mA (Secure:6.5mA) Installation: DIN-rail Mounted | KA/R 1220.1  (Normal) <br><br> ARSA-12/20.S(KNX Secure) | 216*90*64 | $690.00 <br><br> $724.00 |
| 42 |  | **KNX Multi-function Actuator Mini 3-Fold, 6A** <br> 6A/channel, Un rated voltage 250V AC, 50/60Hz, total current of 3 channels less than 12A. Main KNX functions including swicth, status response, scene control (8 folds), time switching, preset, logic operation, shutter, valve, heating, fan control, 6-fold dry contact in/LED output, Drive LED indicator(5V/12V,Max. 1mA, Common anode /Common Cathode). <br> Power: KNX Bus only; Consumption: bus 12mA <br> Installation: Flush Mounted, fits in 86*86mm and German 60mm wall boxes. | AMMAF-03/06.1 | 53×53*23.5 | $209.00 |
| 43 |  **NEW!** | **KNX 4-Fold Multi-function Actuator, 6A   (Normal / Secure)** <br> 6A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), fan control ,valve control (2 pipe & 4 pipe heating/ cooling). <br> Power: KNX Bus only; Consumption: bus 12mA   (Secure: 9mA) Installation: DIN-rail Mounted | AMMA-04/06.1 (Normal) <br><br> AMMA-04/06.S(KNX Secure) | 36*90*64 | $193.00 <br><br> $203.00 |
| 44 |  **NEW!** | **KNX 8-Fold Multi-function Actuator, 10A   (Normal / Secure)** <br> 10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), fan control ,valve control (2 pipe & 4 pipe heating/ cooling). <br> Power: KNX Bus only; Consumption: bus 12mA   (Secure:10mA) Installation: DIN-rail Mounted | AMMA-08/10.1 (Normal) <br><br> AMMA-08/10.S(KNX Secure) | 72*90*64 | $289.00 <br><br> $303.00 |
| 45 | | **KNX 16-Fold Multi-function Actuator, 10A   (Normal / Secure)** <br> 10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), Fan control ,valve control (2 pipe & 4 pipe heating/ cooling). | AMMA-16/10.1 (Normal) | 216*90*64 | $492.00 |

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| | Power: KNX Bus only; Consumption: bus 12mA (Secure:10mA) Installation: DIN-rail Mounted | AMMA-16/10.S(KNX Secure) | | $517.00 |
| | **NEW!** | | | |
| 46 | **KNX 24-Fold Multi-function Actuator, 10A (Normal & Secure)** 10A/channel, Un rated voltage 230V AC, 50/60Hz, high-current magnetic relay. Main KNX functions including, switch, status response, scene control (8 folds), time switching, preset, logic function, threshold, forced operation, shutter (AC/DC/dry contact motor type), Fan control ,valve control (2 pipe & 4 pipe heating/ cooling). Power: KNX Bus only; Consumption: bus 12mA (Secure:12mA) Installation: DIN-rail Mounted **NEW!** | AMMA-24/10.1 (Normal) | 216*90*64 | $706.00 |
| | | AMMA-24/10.S(KNX Secure) | | $741.00 |
| 47 | **KNX Shutter Actuator 4-Fold** 4 independent outputs, each with 1 changeover contact (UP/DOWN mechanically interlocked), Max. switching current 6A resistive, 370W Motor. Shutter/ Blind working mode, scene control (8 folds) Power: KNX Bus only; Consumption: bus 12mA Installation: DIN-rail Mounted | AWBS-04/06.2 | 72*90*64 | $255.00 |
| 48 | **KNX Fan coil Controller, 0-10V** Output in 0-10V or 10A/105uF. Max. DC current switching capacity 16A/30V DC, 230V AC drive and 24V AC with 0-10V drive interface; three-wire PT1000 temperature sensor Interface. KNX functions including fan coil control, scene control (8 folds), outputs can be used as switch ones. Power: KNX Bus only; Consumption: bus 15mA Installation: DIN-rail Mounted | AFVFT-07/10.1 | 72*90*64 | $317.00 |
| 49 | **KNX Heating Actuator with Traic, 6 Fold (KNX Secure)** Supports 24V AC or 230V AC thermal drive**.** 6 independent valve outputs, Max. 300mA/channnel. 6 channels of room temperature controller: support heating/cooling mode, integrating 2-point and PI control algorithm, with 5 scenes functions. Power: KNX Bus only; Consumption: bus 13.5mA Installation: DIN-rail Mounted **NEW!** | AFHT-06/05.1 | 72*90*64 | $268.00 |
| **(E) KNX Dimming Actuator** | | | | |
| 50 | **KNX Universal Dimming Actuator,Flush Mounted,1-Fold (KNX Secure)** Max. load 200W, leading / trailing edge phase dimming control, Un rated voltage 230V AC, 50/60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (16 folds), staircase lighting, flashing switch, delay switch, threshold, forced, safety function, 8 logic function. Dimming curve adjustment (6 options+1 Customization) in ETS. Dry contact: 4 fold input + 4-fold input/ LED output, LED indicator(5V/12V,Max. 4mA, Common Andode). Power: KNX Bus only; Consumption: bus 17mA Installation: Flushing Mounted, fits in 86*86mm and German 60mm wall boxes. **NEW!** | ADUDF-01/01.1 | 53*53*23.5 | $199.00 |
| 51 | **KNX Universal Dimming Actuator, 1 fold,(KNX Secure)** Max. load 300W, leading / trailing edge phase dimming control, Un rated voltage 110~230V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (16 folds), staircase lighting, flashing switch, delay switch, threshold, forced,safety function, 8 logic function. Dimming curve adjustment (6 options+1 Customization) in ETS. Manual operation and Output indication function, Operating hours counter function. Power: KNX Bus only; Consumption: bus 6mA Installation: DIN-rail Mounted **NEW!** | ADUD-04/02.3 | 36*90*64 | $229.00 |

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| 52 | | **KNX Universal Dimming Actuator, 2 fold, (KNX Secure)**<br>Max. load 300W/channel, Parallel: 2 channels 500W, leading / trailing edge phase dimming control, Un rated voltage 110~230 V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (16 folds), staircase lighting, flashing switch, delay switch, threshold, forced,safety function, 8 logic function. Dimming curve adjustment (6 options+1 Customization) in ETS. Manual operation and Output indication function, Operating hours counter function, Central control function.<br>Power: KNX Bus only; Consumption: bus 7mA<br>Installation: DIN-rail Mounted<br>**NEW!** | ADUD-02/02.3 | 72*90*64 | $371.00 |
| 53 | | **KNX Universal Dimming Actuator, 4 fold, (KNX Secure)**<br>Max. load 300W/channel, Parallel: 2 channels 500W,3 channels 750W/ 4 channel 1000W, leading / trailing edge edge phase dimming control, Un rated voltage 110~230 V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (16 folds), staircase lighting, flashing switch, delay switch, threshold, forced,safety function, 8 logic function. Dimming curve adjustment (6 options+1 Customization) in ETS. Manual operation and Output indication function, Operating hours counter function, Central control function. Power: KNX Bus only; Consumption: bus 7.5mA<br>Installation: DIN-rail Mounted<br>**NEW!** | ADUD-04/02.3 | 144*90*64 | $440.00 |
| 54 | | **KNX SCR Dimming Actuator 2-Fold**<br>Max. load 300W/channel, leading edge phase dimming control, un rated voltage 250V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting, dimming curve adjustment (4 options) via manual buttons.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: DIN-rail Mounted | KA/D 0215.S.1 | 144*90*64 | $310.00 |
| 55 | | **KNX SCR Dimming Actuator 4-Fold**<br>Max. load 300W/channel, leading edge phase dimming control, un rated voltage 250V AC, 50-60Hz. KNX functions including switch, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting, dimming curve adjustment (4 options) via manual buttons.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: DIN-rail Mounted | KA/D 0415.S.1 | 216*90*64 | $396.00 |
| 56 | | **KNX LED Dimming Actuator 4-Fold, 4A**<br>Constsant voltage drive mode, input 12-24V DC, rated current 4A, RGBW control. KNX functions including swicth, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting etc.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: DIN-rail Mounted | ADLD-04/03.1 | 72*90*64 | $235.00 |
| 57 | | **KNX 1-10V Dimming Actuator 4-Fold, 16A   (Normal / Secure)**<br>Passive DC 1-10V drive mode, switch current 16A /250V AC, no additional voltage input. KNX functions including swicth, relative & absolute dimming, status response, scene control (15 folds), preset, staircase lighting etc. Power: KNX Bus only; Consumption: bus 12mA<br>Installation: DIN-rail Mounted<br>**NEW!** | ADTV-04/16.2 (Normal)<br><br>ADTV-04/16.S(KNX Secure) | 144*90*64 | $276.00<br><br>$290.00 |

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| 58 | | **KNX/DALI Gateway 1-Fold**<br>Dali telegram broadcast function, fault detection of lamps and ballasts of DALI devices. Max.64 DALI devices can be controlled (switch, dimming, brightness) each fold, 16 group control, 16 scene control. Support DCA APP in ETS or PC software configuration.<br>Power: KNX Bus only; Consumption: bus 12.5mA<br>Installation: DIN-rail Mounted | BTDG-01/64.1 | 72*90*64 | $250.00 |
| 59 | | **KNX/DALI Gateway 2-Fold**<br>Dali telegram broadcast function, fault detection of lamps and ballasts of DALI devices. Max.64 DALI devices can be controlled (switch, dimming, brightness) each fold, 16 group control, 16 scene control. Support DCA APP in ETS or PC software configuration.<br>Power: KNX Bus only; Consumption: bus 12.5mA<br>Installation: DIN-rail Mounted | BTDG-02/64.1 | 72*90*64 | $428.00 |
| **(F) KNX Sensor & IR Device** | | | | | |
| 60<br><br>**Phasing-out…** | | **KNX Presence Sensor with Constant Lighting Function**<br>Diameter/radius 14m, max. mounting height 5m. Presence detection with max. three separate channels, two levels light switching, locking functions, constant light dimming function etc.<br>Power: KNX Bus only; Consumption: bus 10mA<br>Intallation: Ceiling-mounted | CSBPC-02/00.1 | 88*63 (dm*h) | $259.00 |
| 61<br><br>**NEW!** | | **KNX Presence Sensor,Microwave (KNX Secure)**<br>Diameter/radius 8m, max. mounting height 4m. With 24GHz microwave detection technology. Support 4 presence detector channels, and the first channel with 3 levels control, master/slave work mode, Constant lighting Control, RTC controller, Logic and scene group functions. Support KNX secure protocoal Power: KNX Bus & Auxiliary; Consumption: bus 4.5mA & Auxiliary 24.5mA Intallation: Ceiling-mounted | CSBPM-04/00.1.00 | φ65 x 38 mm | $259.00 |
| 62<br><br>**NEW!** | | **KNX Motion Sensor,PIR (KNX Secure)**<br>Diameter/radius 14m, max. mounting height 12m. Wothpyroelectric infrared detection technology. Support 4 presence detector channels, and the first channel with 3 levels control, master/slave work mode, Constant lighting Control, RTC controller, Logic and scene group functions. Support KNX secure protocol<br>Power: KNX Bus only; Consumption: bus 6.5mA<br>Intallation: Ceiling-mounted/ Wall mounted, fits in 86*86mm and German 60*60mm wall boxes. | CSBP-04/00.1.00 | φ70 x 51.5mm | $149.00 |
| 63 | | **KNX Brightness & Motion Sensor 8M**<br>Diameter/Radius 8m, Max. mounting height 2m. Master-slave detector function, logic funciton etc. Power:<br>KNX Bus only; Consumption: bus 19mA<br>Intallation: Ceiling-mounted | CSBP-02/00.2 | 72*91 (dm*h) | $132.00 |
| 64 | | **KNX Air Quality Sensor V2**<br>PM 2.5, PM 10, VOC,AQI, CO2, detection and display, built-in temperature & humidity sensor, connection to ventilation, cooling/heating, air quality control; 3 logic function.<br>Power: KNX Bus & Auxiliary; Consumption: bus 3mA & Auxiliary 34mA<br>Installation: wall mounted, fits in 86*86mm and German 60*60mm wall boxes. Color<br>option: White/Black | CSAQI-06/00.1.00 (White)<br>CSAQI-06/00.1.01(Black) | 86*86*48.3 | $511.00 |
| 65 | | **KNX IR Transmitter, Flush-mounted, 2-Fold**<br>Transimitting distance max. 2m, 1 fold 10A current detection. Support normal IR control of 30 IR codes, for air-condition control up to 266 IR codes. Support DCA APP in ETS configuration.<br>Power: KNX Bus only; Consumption: bus 6.5mA<br>Installation: Flush Mounted, fits in 86*86mm and German 60*60mm wall boxes. | BTIRF-02/00.2 | 53*53*23.5 | $169.00 |
| 66 | | **KNX Gateway for IR, Ceiling,V2**<br>Installation height max. 4m, transimitting distance max. 3m (radius), auxiliary power 12-30V DC. Support universal IR control up to 30 IR codes, and air-condition control up to 266 IR codes. Support DCA APP in ETS configuration. Power: KNX Bus only; Consumption: bus 8mA<br>Installation: Ceiling-mounted | BTIRC-01/00.2 | 91*76*82.5 | $253.00 |
| 67 | | **KNX IR Learner**<br>USB port to PC, to help the transmitter to learn, test and verify IR codes. | BTIL-01/00.2 | 18*20*77 | $111.00 |

## (G) KNX Universal Interface & Binary Input

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| 68 | | **KNX Universal Interface 4-Fold, 5V DC**<br>Can be individually configured per input (4) & LED output(4), bus length≤10M, input 20V DC, output 5V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending,couter, multiple operation.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: Flush Mounted, fits in 86*86mm and German 60*60mm wall boxes. | KI/U 04.01.1 | 46*46*11.7 | $98.00 | |
| 69 | | **KNX Universal Interface 4-Fold, 12V DC**<br>Can be individually configured per input (4) & LED output(4), bus length≤10M, input 20V DC, output 12V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending, RGB, shift register,multiple operation, delay mode, 8 group event,8 logic functions.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: Flush Mounted, fits in 86*86mm and German 60*60mm wall boxes. | CTUI-04/04.1 | 46*46*11.7 | $99.00 | |
| 70 | | **KNX Universal Interface 8-Fold, 12V DC**<br>Can be individually configured per input (8) & LED output(8), bus length≤10M, input 20V DC, output 12V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending, RGB, shift register,multiple operation, delay mode, 8 group event,8 logic functions.<br>Power: KNX Bus only; Consumption: bus 12mA<br>Installation: Flush Mounted, fits in 86*86mm and German 60*60mm wall boxes. | CTUI-08/08.1 | 46*46*11.7 | $144.00 | |
| 71 | | **KNX Universal Interface 4-Fold, DIN-rail Mounted**<br>Can be individually configured per input (4) , bus length≤100M, input 20V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending, RGB, shift register,multiple operation, delay mode, 8 group event,8 logic functions.<br>Power: KNX Bus only; Consumption: bus 11mA<br>Installation: DIN-rail Mounted | CTBIF-04/00.1 | 36*90*64 | $99.00 | |
| 72 | | **KNX Universal Interface 8-Fold, DIN-rail Mounted**<br>Can be individually configured per input (8) , bus length≤100M, input 20V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending, RGB, shift register,multiple operation, delay mode, 8 group event,8 logic functions.<br>Power: KNX Bus only; Consumption: bus 14.5mA<br>Installation: DIN-rail Mounted | CTBIF-08/00.1 | 72*90*64 | $144.00 | |
| 73 | | **KNX Universal Interface 16-Fold, DIN-rail Mounted**<br>Can be individually configured per input (16) , bus length≤100M, input 20V DC. Main KNX functions including switch, dimming, shutter control, scene control, value sending, RGB, shift register,multiple operation, delay mode, 8 group event,8 logic functions.<br>Power: KNX Bus only; Consumption: bus 15mA<br>Installation: DIN-rail Mounted | CTBIF-16/00.1 | 72*90*64 | $199.00 | |
| 74 | | **KNX Binary Input 4-Fold**<br>Input 0-265V AC/DC, max. 2mA, 0-3V for "0", 9-265V for "1", cable length ≤100M (1.5mm2). Main KNX functions including switch, dimming, shutter control, scene control, value sending, switching sequence, couter,Multiple operation. Power: KNX Bus only; Consumption: bus 12mA<br>Installation: DIN-rail Mounted | CTBI-04/00.1 | 36*90*64 | $199.00 | |
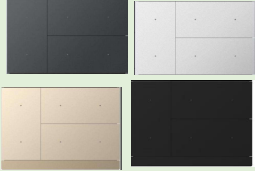
## (H) KNX System Device & Gateway

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|---|---|---|---|---|---|---|
| 75 | | **KNX 640mA Power Supply**<br>Input voltage 95V-255V AC, 47-63Hz, output 1: 30V DC +1/-2V, SELV with choke; output 2: 30V DC +1/-2V,SELV without choke, total 640mA, short-circuit-protection. Installation: DIN-rail Mounted | KP/D 30.640.1 | 108*90*64 | $269.00 | |
| 76 | NEW! | **KNX 640mA Power supply**<br>Input voltage 95V-255V AC, 50/60Hz, output 1: 30V DC +1/-2V, SELV with choke; output 2: 30V DC +1/-2V,SELV without choke, total 640mA, short-circuit-protection. Current level indicator. The minimum distance betwee 2 power supply in a line is 300meter<br>Installation: DIN-rail Mounted | BBPS-02/640.1 | 72*90*64 | $269.00 | |

| No. | Image | Description | Model | Size | Price | |
|---|---|---|---|---|---|---|
| 77 | | **KNX USB interface** <br> USB Standard 2.0, max. cable length 5m from PC. <br> Power: KNX Bus only; Consumption: bus 12mA | BNUS-00/00.1 | 77*20*18 | $199.00 | |
| 78 | | **KNX Line Coupler** <br> Can be used as line coupler, backbone coupler or line repeater, filter table for line-crossing telegrams. Power: KNX Bus Main line & Subline; Consumption: bus 10mA Installation: DIN-rail Mounted | BNLC-00/00.1 | 30*90*70 | $465.00 | |
| 79 | | **KNX/IP Router** <br> Telegram tunneling and routing, can be used as a line coupler, backbone coupler to connect several TP areas or different TP installation systems via Ethernet. Installation: DIN-rail Mounted | BNIPR-00/00.1 | 30*90*70 | $682.00 | |
| 80 <br> NEW! | | **KNX/IP Interface (KNX Secure)** <br> RJ45 socket for10/100Base-T, IEEE 802.3 network, auto sensing, support max. 5 clients. Support KNX IP Secure, No need auxiliary power. <br> Installation: DIN-rail Mounted | BNIP-00/00.S | 36*90*64 | $252.00 | |
| 81 <br> NEW! | | **KNX/IP Interface 3.0 (KNX Secure)** <br> RJ45 socket for10/100Base-T, IEEE 802.3 network, auto sensing, remote programming. Project management,  support 4 local clients & 1 KNXnet/IP Device Manager. Power: KNX Bus only; Consumption: bus 20mA <br> Installation: DIN-rail Mounted | BNIPC-00/00.S | 36*90*64 | $252.00 | |
| 82 | | **Air1 Server for Air Home Remote Pro APP** <br> Server for mobile/tablet APP, 2 folds RS485 converters, configured by PC software. <br> Power: KNX Bus & Auxiliary; Consumption: bus 4.7mA & Auxiliary 77mA Installation: DIN-rail Mounted | BTAS-KNX485.2 | 108*90*64 | $1,200.00 | |
| | | **AirHome Remote Pro APP, for iOS & Android phone/tablet** <br> App for remote control of KNX system, works on iOS and Android mobile/tablet/PC, support remote control under LAN, 4G, 5G. | / | / | Air1 Server Price Covered | Air1 Server Price Covered |
| 83 | *main product | **KNX/RS485/RS232 Multi-Protocol Bidirectional Converter** <br> By defaut it contains 1 fold of KNX/RS485 converter. Another 3 folds of KNX/RS232 or KNX/RS485 converter boards can be added to form a device with flexible folds of 1RS485 + (1~3) RS485/RS232. <br> Power: KNX Bus & Auxiliary; Consumption: bus 6mA & Auxiliary 60mA Installation: DIN-rail Mounted | BTPG-04/03.1 | 72*90*64 | $248.00 | |
| | *accessory | **KNX-RS485 PCBA Set** <br> DO NOT ORDER THIS ITEM ALONE, it is used to extend ONE extra fold of KNX/RS485 converter for BTPG-04/03.1 | / | / | $99.00 | |
| | *accessory | **KNX-RS232 PCBA Set** <br> DO NOT ORDER THIS ITEM ALONE, it is used to extend ONE extra fold of KNX/RS485 converter for BTPG-04/03.1 | / | / | $109.00 | |

| No. | | Description | Model | Dimension | Price | |
|---|---|---|---|---|---|---|
| 84 | | **KNX/ Tuya-Zigbee Gateway 2.0**<br>Work as a KNX/ZigBee Gateway pro, upload KNX devices to Tuya platform for management, support KNX functions including lighting, curtain control, scene control, temperature control, AC, background music, HVAC, logic functions etc. Support Tuya APP to control KNX devices, and vice verse.<br>Power: KNX Bus & Auxiliary; Consumption: bus 4.5mA & Auxiliary 60mA Installation: DIN-rail Mounted | BTMO-TY/00.3(Pole)<br>BTMO-TY/00.4(Extending) | 36*90*64 | $329.00 | |

**(I) KNX Room Controller**

| No. | | Description | Model | Dimension | Price | |
|---|---|---|---|---|---|---|
| 85 | | **KNX Room Controller Premium 2.0**<br>Switch relay 4 * 16A, 6 * 10A; 2 folds dimmer 1-10V, 1 folds AC/Dry contact shutter, 1 fold fan coil actuator, 20 dry contact, 1 fold RS485 Protocol Conversion, I fold KNX/IP Protocol Conversion.<br>Power: KNX Bus & Auxiliary; Consumption: bus 12mA & Auxiliary 250mA Installation: DIN-rail Mounted | AMRP-41/00.2 | 216*90*64 | $1,133.00 | |
| 86 | | **KNX Room Controller Smart 3.0**<br>Switch relay 4 * 16A,21 * 6A; 1 folds AC/Dry contact shutter, 2 folds TRIAC dimming, 3 folds 0-10V dimming, 1 fold fan coil actuator with 0-10V output valve, 1 fold IP protocol, 5 folds of dry contact/binary input/LED output. 4 group event,4 logic functions, 4 time functions,Three-wires PT1000 temperature sensor interface.<br>Power: KNX Bus & Auxiliary; Consumption: bus 12mA & Auxiliary 200mA Installation: DIN-rail Mounted | AMRS-41/05.3 | 216*90*64 | $1,360.00 | |

**(J) Accessories**

| No. | | Description | Model | Dimension | Price | |
|---|---|---|---|---|---|---|
| 87 | | **KNX Cable**<br>Standard KNX 4-core (red,black,white,yellow) wire, 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. | per meter | / | QUOTE | |
| 88 | | **KNX Terminal**<br>Red & black KNX terminal, yellow & white KNX terminal; 8*Φ0.6-0.8mm², 50 units/box. | Red & Black<br>Yellow & White | / | Available in Boxes of 50 only $100.00 | |
| 89 | | **KNX Basic Course Documentation Book** | 69900014 | | $5.00 | |
| 90 | | **Plastic frame for KNX Motion Sensor,PIR**<br>For KNX Motion Sensor,PIR, CSBP-04/00.1.00 wall-mounted installation | CSPFA-86/0.1.00 | 86*86 | $10.00 | |
| 91 | | **Plastic frame 1-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: White Shiny finish | G0801CW(55mm)<br>G0861CW(86mm) | 80*80 | $4.00 | |
| 92 | | **Plastic frame 2-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: White Shiny finish | G0802CW(55mm) | 80*151 | $6.00 | |
| 93 | | **Plastic frame 3-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: White Shiny finish | G0803CW(55mm) | 80*222 | $10.00 | |
| 94 | | **Plastic frame 4-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: White Shiny finish | G0804CW(55mm) | 80*293 | $18.00 | |

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| 95 |  | **Plastic frame 1-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black Matt finish | G0801PB(55mm) | 80*80 | $4.00 |
| 96 |  | **Plastic frame 2-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black Matt finish | G0802PB(55mm) | 80*151 | $8.00 |
| 97 |  | **Plastic frame 3-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black Matt finish | G0803PB(55mm) | 80*222 | $12.00 |
| 98 |  | **Plastic frame 4-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black Matt finish | G0804PB(55mm) | 80*293 | $20.00 |
| 99 |  | **Glass frame 1-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color:<br>White glass | G1001GW(55mm)<br>G0861GW(86mm) | 95*95 | $24.00 |

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| 100 | | **Glass frame 2-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: White glass | G1002GW(55mm)<br>G0862GW(86mm) | 166*95 | $44.00 |
| 101 | | **Glass frame 1-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black glass | G1001GB(55mm)<br>G0861GB(86mm) | 95*95 | $24.00 |
| 102 | | **Glass frame 2-fold, for 55mm system**<br>100% fits 55mm European installation system, compatible with K-BUS push button sensor, Gira standard 55, E2, Esprit, Jung Aplus, A500, AS500, Merten 1M, M-Series, Berker B3, B7, S1 Color: Black glass<br><br>See TEM LOGIC for more Surround Options | G1002GB(55mm)<br>G0862GB(86mm) | 166*95 | $44.00 |

**(K) Customize Version**

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| 103 | | **KNX Multifuntional Thermostat with Rotary, 4 Button, Metal, Color opitonal: Brown coffee color, Champagne gold, Sliver, Color customize** | CHMTR-04_001<br>CHKPM-0X_YY.1.2z | | Customized Price |
| 104 | | **KNX Waltz Touch+ Pad**<br>Keys for replacement | Plastic Version:<br>CHTKA-06/W.1.02 Sliver<br>CHTKA-06/W.1.04 Golden<br>CHTKA-06/W.1.03 Grey<br>CHTKA-06/W.1.00 White<br>CHTKA-06/W.1.01 Black | | |
| | **NEW!** | | Metal Version:<br>CHTKA-06/W.1.22 Sliver<br>CHTKA-06/W.1.24 Golden<br>CHTKA-06/W.1.23 Grey<br>CHTKA-06/W.1.21 Black | | |
| | | **KNX Waltz  Push Button, 2 Gang Keys**<br>**for replacement** | Metal Button:<br>CHKA-04/W.1.23(Gray)<br>CHKA-04/W.1.22(Silver)<br>CHKA-04/W.1.24(Gold)<br>CHKA-04/W.1.21(Black) | | |
| | **NEW!** | | | | |