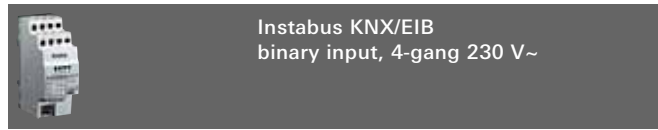


Order no.	Packing unit	PS
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**DRA Sensors**



DRA plus	<b>1067 00</b>	1	26
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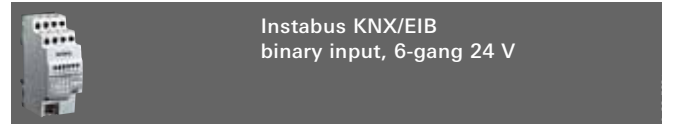
**Product family:** Input  
**Product type:** Binary input, 4-gang  
 4-gang DRA binary input for the connection of 230 V contacts. The switching actions of 230 V contacts (e.g. automatic controllers/ buttons) are converted to Instabus telegrams. The 4 inputs can be assigned various functions or blocked independently of each other in the process. Up to 4 different RCD circuits are possible. Signal display via 4 yellow status LEDs possible.  
 Multi-phase connection.

- Features which can be set via software:
- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 4 or pulse counters and switching counters to inputs 1 and 2
  - Blocker for blocking individual inputs
  - Behaviour when the bus voltage returns can be configured separately for each input
  - Telegram rate limiting
  - Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
  - Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
  - Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
  - Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
  - Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
  - Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
  - Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 70 V for "0" signal AC 90 V to 253 V for "1" signal
Number of inputs:	4
Input line:	max. 100 m
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Screw terminals 0.75 to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**

Order no.	Packing unit	PS
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DRA plus	<b>1068 00</b>	1	26
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**Product family:** Input  
**Product type:** Binary input, 6-gang

6-gang DRA binary input for the connection of 24 V AC/DC contacts. The switching actions of 24 V contacts (e.g. buttons) are converted to Instabus telegrams. The 6 inputs can be assigned various functions or blocked independently of each other in the process. Signal display via 6 yellow status LEDs possible.

- Features which can be set via software:
- Free assignment of the functions for switching, dimming, blind and value transmitter to inputs 1 through 6 or pulse counters and switching counters to inputs 1 and 2
  - Blocker for blocking individual inputs
  - Behaviour when the bus voltage returns can be configured separately for each input
  - Telegram rate limiting
  - Switching function: two independent switching objects available for each input and can be released individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction), cyclical transmission of the blocker depending on the edge or depending on the object value can be selected
  - Dimming function: Single and double-surface operation, time between dimming and switching and dim-step size can be set, telegram repetition and stop-telegram transmission possible
  - Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between step and moving mode can be set, slat adjustment time can be set
  - Value transmitter and light scene auxiliary unit function: Edge (push button as NO contact, push button as NC contact, switch) and value with edge can be configured, value adjustment with push button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without calling up previously is possible
  - Temperature value transmitter and brightness value transmitter function: edge and value configurable, value adjustment with push button by pressing and holding button possible
  - Pulse counter function: edge for pulse counting and interval time for counter status transfer can be configured, edge of the synchronisation signal for resetting the counter status and switching telegram when synchronisation signal arrives can be set
  - Function of switching counter: Edge for counting the signals at the input and maximum counter reading selectable, increment for the counter reading output and telegram when the maximum counter reading is reached can be parameterised

Signal voltage:	AC 0 V to 1.8 V for "0" signal AC 8 V to 42 V for "1" signal DC -42 V to +1.8 V for "0" signal DC +8 V to +42 V for "1" signal
Number of inputs:	6
Input line:	max. 100 m
Connections:	Instabus via connection and branch terminal <b>0595 00</b> Screw terminals 0.2 to 4 mm <sup>2</sup>
Protection type:	IP 20
Dimensions:	DRA device, 2 depth module

**Instabus connection and branch terminal 0595 00 → Page 377.**