

Order no.	Packing unit	PS
		
1128 00	1	26

Basic cable set for connecting one lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**. A replaceable fuse and a temperature sensor for charging voltage control are integrated in the basic cable set.

Length: 2 m
Fuse protection: T 6.3 H 250 V

Instabus power supply 640 mA uninterruptible 1079 00 → Page 354.

Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 354.

		
1129 00	1	26

Expansion cable set for connecting a second lead-gel rechargeable accumulator **1130 00** to the power supply 640 mA uninterruptible **1079 00**. A replaceable fuse is integrated in the expansion cable set.

Length: 2 m
Fuse protection: T 6.3 H 250 V

Instabus power supply 640 mA uninterruptible 1079 00 → Page 354.

Lead-gel rechargeable accumulator 12 Ah 1130 00 → Page 354.

		
1023 00	1	26

Product family: System components
Product type: Line coupler

The area/line coupler connects two Instabus KNX/EIB lines to each other for data transfer and ensures an electrical isolation between these lines. As a result, each bus line of an EIB installation can be operated electrically independently of the other lines. A separate power supply is required for each line (area line, main line, line) or each line segment.

Area/line coupler:

- Use as an area or line coupler, depending on the allocation of the physical address
- Reduction of the bus load via filter function (filter table)
- Forwarding of group telegrams can be parameterised
- Repetition rate in the case of transfer errors adjustable
- Telegram confirmation can be parameterised

Line amplifier:

- Extension of lines to max. 4 line segments (max. 3 line amplifiers per line connected in parallel per line) each having up to 64 devices
- Repetition rate in the case of transfer errors adjustable

Connections: Instabus connection and branch terminal **0595 00** for higher and lower-level line (no data rail required)

Protection type: IP 20

Dimensions: DRA device, 2 depth module

Instabus connection and branch terminal 0595 00 → Page 377.

Order no.	Packing unit	PS
		
1030 00	1	26

Product family: System components
Product type: IP router

The IP router connects the Instabus EIB lines to each other via data networks using the Internet Protocol (IP). The IP router uses the KNXnet/IP standard so that EIB telegrams are forwarded between lines via the IP network. This enables the establishment of communication among buildings and estates (networking of estates). The IP router enables programming via a data network (ETS3.0d).

The Gira HomeServer/FacilityServer serves the IP router as a coupling to an EIB/KNX system.

- Connection to higher-level systems by using the Internet Protocol (IP)
- Filtering and forwarding of telegrams
- Use as line/area coupler
- Electrical isolation between the KNX/EIB lines
- Supply via external 24 V AC/DC

Operating voltage: AC/DC 24 V
IP communication: Ethernet 10BaseT (10 Mbit)
Supported protocols: DHCP, KNXnet/IP (Core, Routing, Tunneling, Device Management)

Connections: RJ45 socket for IP connection
Instabus connection and branch terminal **0595 00**

Protection type: IP 20

Dimensions: DRA device, 2 depth module

Power supply 1024 00 → Page 358.

Instabus connection and branch terminal 0595 00 → Page 377.

		
0574 00	1	26

Product family: Controller
Product type: Controller

DRA device for programming extensive connections such as locking, enabling, acknowledgement etc. in accordance with the rules of switching algebra. Specifically, the following are available:

- Transfer gate 1 bit
- Transfer gate 4 bit
- Transfer gate 8 bit
- 1 to 8 bit converter (conversion from 1-bit telegrams to 8 bits)
- Filter/time (telegram conversion and time function)
- 1 x 8 input (logical combination 1 gate)
- 2 x 2 input (logical combination 3 gate)
- 2 x 4 input (logical combination 2 gate)
- C-Controller (logical combination 4 gates)

The bus coupler module can receive, transmit and evaluate telegrams. It contains the address, the system program and user-specific programs. Programming of the physical address is enabled by pressing the programming button. State display via red programming LED.

Power consumption: max. 150 mW

Connections: Instabus via pressure contact made when plugging onto cap and data rail
User module via plug connector 2 x 5-pole

Protection type: IP 20

Dimensions: DRA device, 1 depth module