

Order no.	Packing unit	PS
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DRA System Components

	Instabus KNX/EIB power supply 320 mA with integrated choke		
DRA	1086 00	1	26

Product family: System components

Product type: Power supply

The 320 mA power supply generates the Instabus EIB system voltage. It has one non-choked and one choked output each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 320 mA may not be exceeded in the process. The outputs are equipped with a shared overload or short-circuit protection. Connection is made via Instabus bus connection or branch terminals (no data rail required).

Primary rated voltage: AC 161 V to 264 V, 50/60 Hz
DC 176 V to 270 V

Secondary rated voltage: SELV 28 V to 31 V DC

Secondary rated current: 320 mA, short-circuit-proof

Connections: Instabus via connection and branch terminal **0595 00**
load via screw terminals
0.2 to 4 mm² single-wire
2 x 0.2 to 2.5 mm² single-wire
0.75 to 4 mm² fine-wire without core jacket
0.5 to 2.5 mm² fine-wire with core jacket
IP 20


Protection type:

Dimensions: DRA device, 4 depth modules

Instabus connector, 4-gang 1154 00 → Page 356.

Instabus choke 0581 00 → Page 356.

Instabus connection and branch terminal 0595 00 → Page 377.

	Instabus KNX/EIB power supply 640 mA with 2 integrated chokes		
DRA	1087 00	1	26

Product family: System components

Product type: Power supply

The 640 mA power supply generates the Instabus EIB system voltage. It has one non-choked and two choked outputs each. The non-choked output can be used for the supply of another line or for function devices (e.g. SmartSensor) which require an auxiliary voltage. Any desired load distribution (choked or unchoked) is possible, however the total nominal current of 640 mA may not be exceeded in the process. The outputs are equipped with a shared overload or short-circuit protection. Connection is made via Instabus bus connection or branch terminals (no data rail required).

Primary rated voltage: AC 161 V to 264 V, 50/60 Hz
DC 176 V to 270 V

Secondary rated voltage: SELV 28 V to 31 V DC

Secondary rated current: 640 mA, short-circuit-proof

Connections: Instabus via connection and branch terminal **0595 00**
load via screw terminals
0.2 to 4 mm² single-wire
2 x 0.2 to 2.5 mm² single-wire
0.75 to 4 mm² fine-wire without core jacket
0.5 to 2.5 mm² fine-wire with core jacket
IP 20

Protection type:


Dimensions: DRA device, 7 depth modules

Instabus connector, 4-gang 1154 00 → Page 356.

Instabus choke 0581 00 → Page 356.

Instabus connection and branch terminal 0595 00 → Page 377.

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	Instabus KNX/EIB power supply 640 mA uninterruptible		
DRA	1079 00	1	26

Product family: System components

Product type: Power supply

The 640 mA uninterruptible power supply generates the Instabus EIB system voltage. With integrated choke for de-coupling the bus line from the power supply.

With connection is for a lead-gel rechargeable accumulator **1130 00** for buffering the Instabus EIB voltage in case of a power failure. Up to two lead-gel accumulators can be connected and charged via the uninterruptible power supply. The charging voltage is controlled in dependence on the temperature with a temperature sensor.

The uninterruptible power supply has a zero-voltage 2-way switch for reporting a fault (e.g. mains failure, accumulator failure, overload or short circuit). Connection is made via Instabus bus connection or branch terminals (no data rail required).

Primary rated voltage: 230 V AC, 50/60 Hz

Secondary rated voltage: SELV 28 V to 31 V DC

Secondary rated current: 640 mA, short-circuit-proof

2-way switch: AC 230 V, 6 A

DC 12/24 V, 4 A

Connections: Instabus via connection and branch terminal **0595 00**

load via screw terminals

0.2 to 4 mm² single-wire

0.2 to 2.5 mm² fine-wire

IP 20

Protection type:


Dimensions: DRA device, 8 depth module

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

Basic cable set 1128 00 → Page 355.

Expansion cable set 1129 00 → Page 355.

Instabus connection and branch terminal 0595 00 → Page 377.

	Lead-gel rechargeable accumulator 12 Ah		
Rechargeable accumulator 12 V 12 Ah	1130 00	1	26

or buffering the Instabus EIB voltage in combination with the power supply 640 mA uninterruptible **1079 00**. A maximum of two lead-gel rechargeable accumulators can be connected in parallel to the power supply.

When connecting one lead-gel accumulator to the EIB power supply, the basic cable set **1128 00** must be used. When connecting two lead-gel batteries, you require the basic cable set for the one battery and the expansion cable set **1129 00** for the other accumulator.

Maintenance-free due to closed design as per

EN 50014/VDE 0170/0171 Part 1/5.78.

Rated voltage: 12 V DC

Accumulator capacity: 12 Ah

Dimensions: W x H x D 151 x 94 x 98 mm

Weight: 4.2 kg

Instabus power supply 640 mA uninterruptible

1079 00 → Page 354.

Basic cable set 1128 00 → Page 355.

Expansion cable set 1129 00 → Page 355.