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Area/line coupler or line amplifier for KNX



Specification		Order No.	Packing unit	PS	EAN
	DRA	1023 00	-	-	4010337040798

Features

- The area/line coupler connects two KNX lines to each other for data transfer and ensures electrical isolation between these lines. As a result, each bus line of a KNX installation can be operated electrically independently of the other lines.
- Support for KNX Data Secure communication (KNX Data Secure telegrams can be processed and filtered, forwarded or blocked according to the settings).
- Fast communication between KNX products in main line and line (long frame support for ETS5 and higher).

Area/line coupler

- Use as an area or line coupler, depending on the specification of the physical address and parameterisation.
- 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.
- Telegram confirmation can be parameterised.
- Support for the fully expanded group address area from 0 to 31 with the functions “block”, “forward unfiltered” and “filter” in both directions of communication between the main line and subline.
- “Forward unfiltered” and “block” functions can also be selected for physically addressed telegrams between the main line and subline in both directions of communication (programming and tamper protection).
- "Repeat: yes/no" function can be set separately for the telegram type "Broadcast" in the event of transmission errors on the main line or subline.
- Telegram confirmation on the main or subline with the settings "always" and "only for forwarding" possible separately for group telegrams and physically addressed telegrams.
- For physically addressed telegrams, the setting “always reject NACK (Not-Acknowledge)” can be selected (programming protection with feedback).

Line amplifier

- As a line amplifier, extending the lines to max. four line segments (max. three line amplifiers per line connected in parallel per line) with up to 64 devices each is possible.
- Repetition rate in the case of transfer errors.

Technical data

KNX medium:	TP256
Connections	
- KNX higher-level line:	Connection and junction terminal

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- KNX lower-level line:	Connection and junction terminal

Notes

- A separate power supply is required for each line (area line, main line, line) or each line segment.

Dimensions

Modular width (MW):	2
