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KNX Choke

ENG - Data sheet

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Application

The choke decouples the KNX/EIB bus line from the power line. Choke can be used in any KNX/EIB installation where high reliability is required. Choke supports 4 external powering mechanisms. If one of power sources gots broken, the Choke automatically will switch to backup power source. Moreover there is interruptable switch between power sources, overcurrent and overvoltage protection, PSU filters (noise and backup) especially created to work with impulse load.
Choke is able to charge 24V battery if its connected and there is standard 24V output for powering external devices like Logic Machine.

Types of product

CHOKE-KNX	KNX/EIB Choke

Standards and norms compliance

CE conformity:	EMBS-CE-110124/01	Electromagnetic compatibility
EMC:	EN61000-6-1 EN61000-6-3	

Technical data:

Power supply input:	4	3 x 18-28V DC power supplies supported; 1 x 24V accumulator with charging possibility
Power supply output	1	24V for powering external devices
Max. current on power supply	640 mA	
Power consummation:	< 20 mA	
Interface:	2	KNX/EIB
Clamps:	Power supply: KNX/EIB bus:	1.5mm2 1.5mm2
Enclosure:	Material: Color: Dimensions:	Polyamide Gray 52(W)x90(H)x51(L) mm
Usage temperature:	-5C ... +55C	
Storage temperature:	-20C ... +70C	
Weight:	100g	

Caution
Security advice

The installation and assembly of electrical equipment may only be performed by skilled electrician. The devices must not be used in any relation with equipment that supports, directly or indirectly, human health or life or with application that can result danger of people, animals or real value

Mounting advice

The devices are supplied in operational status. The cables connections included can be clamped to the housing if required.

Electrical connection

The devices are constructed for the operation of protective low voltage (SELV). Grounding of device not needed. When switching the power supply on or off, power surges must be avoided.

Terminal connection scheme