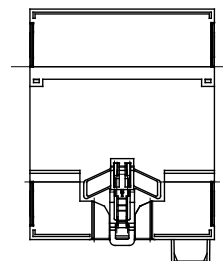
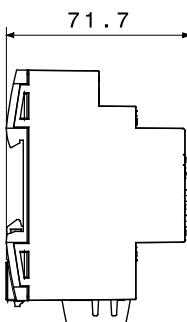
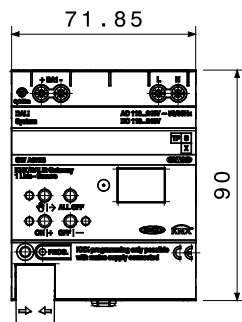




KNX DALI gateway that allows integration between a KNX system and a DALI digital lighting system. The gateway allows you to control up to 64 DALI devices on a line, switching on, dimming and colour management (RGB, RGBW or colour temperature) of DALI lights via KNX telegrams, with individual, group or broadcast addressing. Up to 32 DALI groups can be managed, with the possibility of also controlling individual DALI devices. Scenes, timing functions, centralised control and status feedback of DALI devices are available. It also supports DALI sensors, such as buttons, rotary sensors, presence detectors and brightness sensors, which can be used to control groups or individual DALI devices or send commands to the KNX system. The device integrates protection against short circuit, overload and overvoltage, advanced light management functions such as HCL (Human Centric Lighting) and automatic colour profiles. Being a multi-master device, the gateway can read the telegrams of the DALI sensors and internally manage the state of the lighting devices.

Description	Gateway KNX/DALI-2	Category	ChoruSmart series
Type	System components	Group	Couplers and interfaces
Communication	KNX Secure, DALI-2	Connection to the KNX bus	KNX bus terminal
Power supply	110-240V, 50/60Hz; 21...32 V dc SELV via bus	Current absorbed by KNX bus (mA)	< 5 mA
DALI voltage	16 V DC	DALI bus power supply	Supplied exclusively by the gateway
Output current	For DALI system: 128 mA, 250 mA peak	Guaranteed bus current for DALI system	148 mA
Max no. DALI units	32	Max no. DALI devices	64
Type of control	Multimaster	Supported Data Types	DT0, DT2, DT3, DT4, DT6, DT7, DT8
Working temperature	-5 ... +45°C	IP degree	IP20
Wiring terminals	With screw	Terminal tightening capacity stranded cables (mm ²)	4 mm ² , max. torque 0.8 Nm
No. DIN modules	4		

DIMENSIONAL



TECHNICAL SYMBOLOGY

IP

IP20

STANDARDS/APPROVALS

