Datasheet DA110

EAE KNX–DALI Gateway DA110 DT

All you need is EAE

General Features

- DA110 KNX-DALI Gateway operates as an interface device between KNX bus and DALI bus (According to DALI Standard-IEC 62386). DALI line power supply is integrated in the device.

- Maximum 64 DALI devices (e.g. electronic ballast, transformer, LED driver) can be connected to DALI output.

- DA110 enables to control 64 DALI devices individually and can store 16 different lighting scenes.

- Addressing and test operations of DALI devices is made via Windows based PC software. (EAE DALI Tool)

- Fault statuses of DALI devices can be monitored by device based via different communication objects on the KNX.

- DA110 has internal DALI power supply which is enough to energize up to 64 DALI devices.

Technical Data

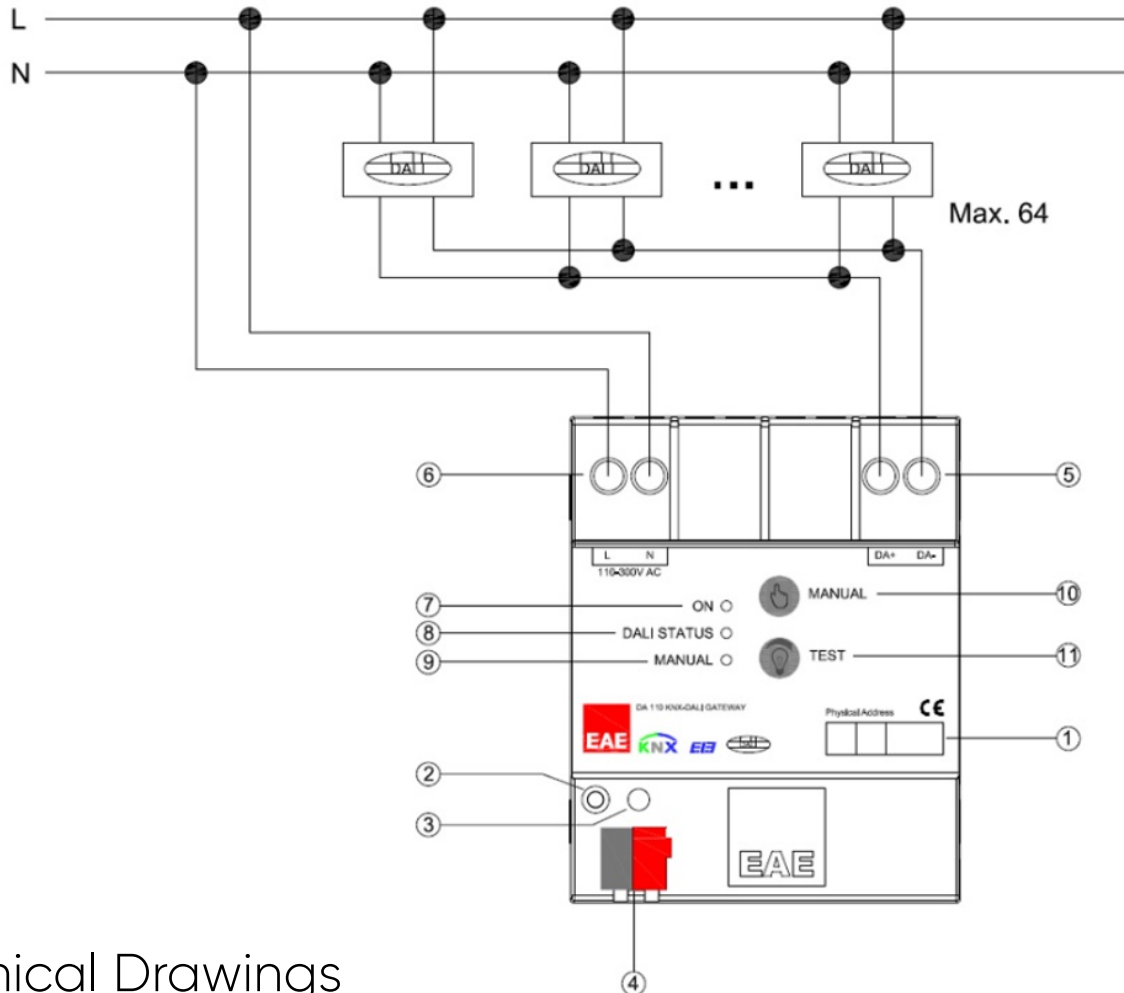|		
Protection Grade	IP 20	EN 60529
Safety Class	II	EN 61140
KNX Supply(4)	Voltage Current consumption	21 – 30V DC, SELV < 10mA
Mains Supply(6)	Voltage Power consumption Current consumption	85 – 300V AC @ 50-60Hz Max. 8W 100mA @ 85V AC
DALI Supply(5)	Voltage Current	16V DC typical Max. 200mA
Connections	Screw terminals Max tightening torque KNX terminal	0,05 - 2,5mm^2 solid wire 0,03 - 1,5mm^2 stranded wire 0.5Nm Red - grey bus connect terminal
Output	Number of DALI devices Cable lengths	"Max. 64 (include max. 8 sensor) 1.5 mm2 Max. 300 m 0.75 mm2 Max. 150 m 0.5 mm2 Max. 100 m"
Installation	35mm mounting rail	EN 60715

R3.0

Technical Data

Operating Elements	Programming LED and button[2] [3] Green LED[7] Yellow LED[8] Red LED[9] Manual button[10] Test button[11]	"Physical address localization KNX power OK Initialization active (fast blink)" A DALI device fault present (slow blink) "Mains power failure (constant on) Manual operation active" "Activate the manual test Switch-dim DALI output (on manual mode)"
Temperature Range	Ambient Storage	-5°C +45°C -25°C +55°C
Humidity	Max. air humidity	95% no moisture condensation
Dimensions **Width W in mm** **Width W in units**	70 x W x 91mm 69mm 4 modules (18mm modules)	
Material	Plastic, polycarbonate, colour grey	
CE	In accordance with the EMC guideline and low voltage directive	

Connections

Technical Drawings

R3.0