

	Datasheet	Doc.Ref : DBE-64_DS
	DBE-64 DALI Bus Extension	Revision : 1.00
		Page : 1 of 3

DBE-64

DALI Bus Extension Datasheet

1. DESCRIPTION

The Universal KNX Actuator System is a fully modular actuator system where extension modules can be plugged-in to extend the number of channels as needed. Up to 72 channels can be combined for switching, shutter or blind, heating, dimming, analog 0-10V or LED drivers with various size and power.

Up to 8 extension modules can be added to the master actuator. Depending on the extension type, you can drive **up to 72 outputs** with the actuator system using a **single KNX interface**.

Extension modules are mounted on the right side of the master actuator, on the same DIN-rail using the provided side connector.

The DBE-64 extension module is a DALI bus master that allows to drive up to 64 DALI devices or 16 groups. An embedded web page is used to perform the commissioning of the DALI bus.

In ETS, select one of the following extension type:

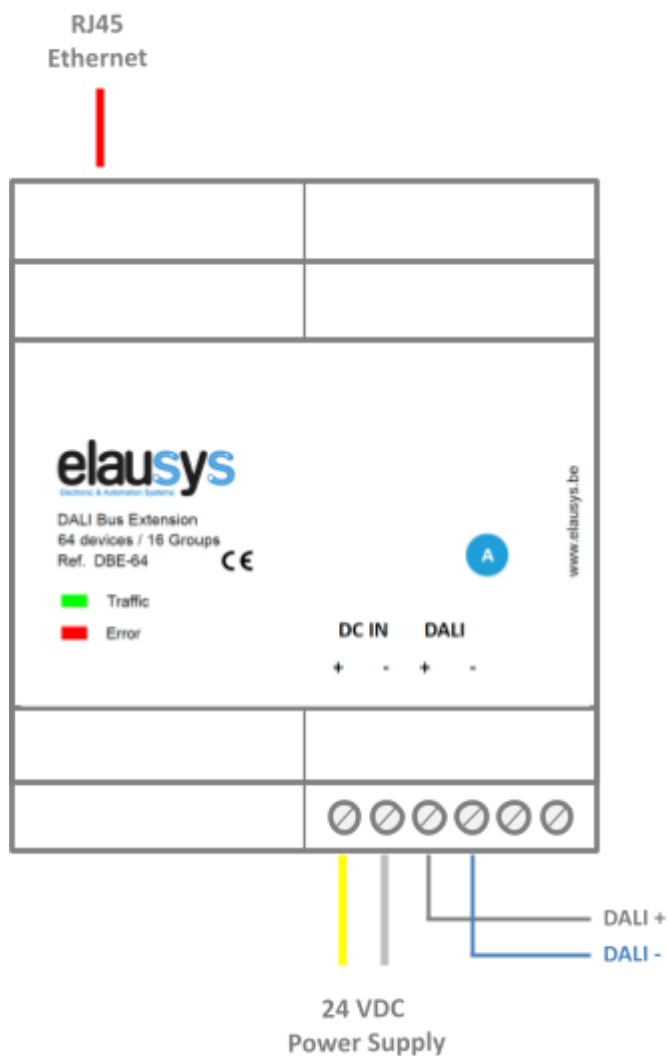
DALI Actuator 32-fold
DALI Actuator 48-fold
DALI Actuator 64-fold

See MSA-810 User Manual for detailed features of each channel for this type of extension.

	Datasheet	Doc.Ref : DBE-64_DS
	DBE-64 DALI Bus Extension	Revision : 1.00
		Page : 2 of 3

2. CONNECTION

An external 24VDC power supply able to deliver up to 300mA must be used to supply the DALI bus. An internal current limiting protection limits the bus current to 230mA. The DALI output provides the 18VDC voltage for the bus. Commissioning of the gateway is done from the embedded webpage, a network cable must be connected to perform the commissioning.



 Electronic & Automation Systems	Datasheet	Doc.Ref : DBE-64_DS
	DBE-64 DALI Bus Extension	Revision : 1.00
		Page : 3 of 3

3. TECHNICAL DATA

DESCRIPTION	VALUES
Input Power supply	24 VDC, max 300mA
Operating temperature	0 to + 45°C
Enclosure	IP20
Dimensions (Space Units)	4SU
DALI Outputs	1, max 230mA
Output rated voltage	18 VDC
Max DALI devices	64
Max DALI Groups	16
Screw terminal section	2,5mm ²
Torque screw terminal	0,5Nm
Max. number of channels	32, 48, 64
Available application software	>= ETS5