



8-CHANNEL BINARY INPUT

EM KNT 003



USER MANUAL

INTRODUCTION

- The 8-channel Binary Interface has 8 independent channels which can be used as inputs.
- The EM KNT 003 can be used to poll its inputs for the switching state of up to 2 potential-free pushbuttons, switches or binary sensors with a common reference potential and send the corresponding telegrams to the KNX Bus.
- These may be telegrams for:
 - Switching
 - Switching and Dimming
 - Multiple Switching
 - Sequential Switching
 - Shutter/Blind Control
 - Scenes Management
 - Value Transmitter
 - Pulse Counter
- Mounting into universal mechanism box or junction box.
- Programming and commissioning via ETS5 or later versions.

Technical Specifications:

Power supply		2I – 32V _{DC} (via Bus)
Power consumption		< 5mA
KNX	Bus voltage	2I ~ 32V _{DC}
	Bus consumption	< 5mA
	Bus connection	Connecting terminal
	Commissioning	ETS5 or later
Inputs	Number of inputs	8
	Type	Binaries
	Wires length	30cm
	Max. Line length	< 200m
Dimensions		38 x 42 x 15mm
Operation temperature		-5°C ~ +45°C
Protection degree		IP20 (EN60529)
Directives		Low-voltage 2011/65/EU EMC 2014/30/EU
According to the Standards		KNX Standard 2.0 UNE-EN 50491-3:2010 UNE-EN 50491-4-1:2013 UNE-EN 50491-5-2:2010
Marking		EIB/KNX

CONFIGURATION

INPUTS Configuration

See the document: "[Inputs – User Manual](#)"