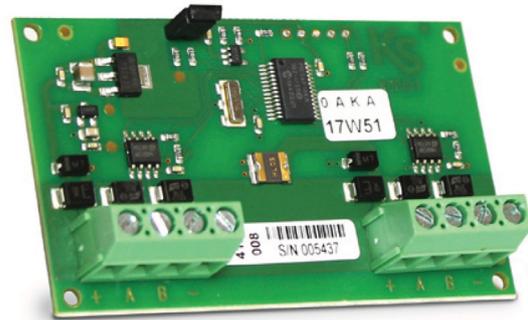


# divide

## BUS Isolator & Repeater

## Installation guide



KSI2500000.300

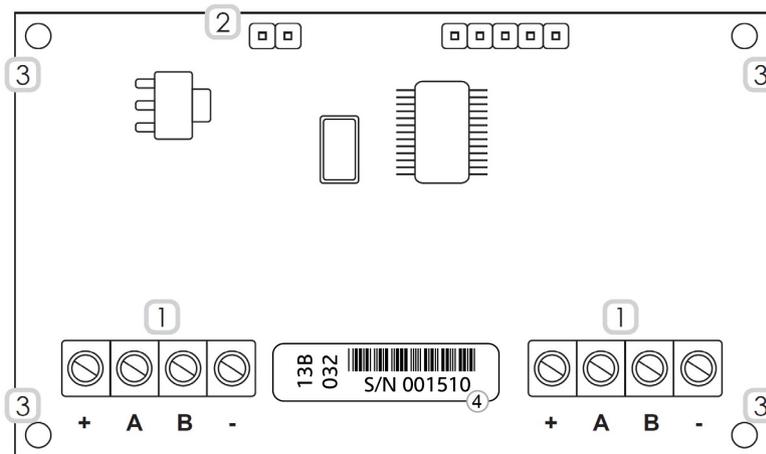
### INTRODUCTION

**divide** enables the separation of the KS-BUS with the purpose to:

- separate a part of the system so that any troubles or the sabotage of a peripheral towards the BUS will not affect the entire network but protect the remaining section instead;
- repeat the BUS signal, this will allow to extend it by another 500 m. minimum.

Thanks to its design, there is no difference between the two BUS interfaces that can be connected directly to the control panel. The system can contain multiple **divide** connected in parallel (up to 32 depending on the control panel model).

### DESCRIPTION OF PCBA CONNECTIONS



### LEGENDE

1. Connection BUS to the control panel or peripherals
2. Micro-switch connection jumper for tamper detection
3. Fixing holes
4. Serial Number label

### TERMINAL DESCRIPTION

|         |  |
|---------|--|
| + A B - | Connection terminals for lares 4.0 control panel or peripherals. |
|---------|--|

Thanks to its extremely compact dimensions, **divide** can be installed inside the plastic box for DIN rail (KSI7300000.001) or, alternatively, in the plastic box slim version (KSI7302000.010) for housing up to 2 **divide**.

## TECHNICAL DATA

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- Power Supply: 13.8Vdc
- Consumption: 20mA
- Output current: 0.5A
- KS-BUS terminal: 2 4-wires (specular in connection)
- Operating temperature range: from +5° to +40°C
- Dimension: 45x75 x16 mm

## QUANTITY DATA

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| lares 4.0 models                                    | wls 96 | 16 | 40 | 40 wls | 140 wls | 644 wls |
|---|--------|----|----|--------|---------|---------|
| Maximum number of expansion modules isolator divide | 2      | 4  | 12 | 12     | 20      | 32      |

## CERTIFICATIONS

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Europe - CE  
EN50131 Grade 3 - Class II  
T031:2014



Technical data, appearance, functionality and other product characteristics may change without notice.