


## Terminal Blocks KL-.-25-400 400 V 1.5 / 2.5 mm<sup>2</sup>

EC Type Examination Certificate: IBExU 02 ATEX 1095 U + 1. addition

Type of Explosion Protection:  I M2 / II 2G Ex e I/II

### Technical Specifications

Rated voltage: 400 V  
 Rated current: 16 A  
 Rated cross section: 1.5 / 2.5 mm<sup>2</sup>  
 Minimum cross section: 0.5 mm<sup>2</sup>  
 Connectable cross sections: · 1 flexible conductor up to 1.5 mm<sup>2</sup>  
 · 1 solid/stranded conductor up to 2.5 mm<sup>2</sup>  
 · max. 2 conductors in shared cable end sleeve,  
 each up to 0.75 mm<sup>2</sup>

Temperature range: - 65 °C to + 130 °C (depending on type of plastic of insulating cage)

Dimensions: 25/36 x 18 x 17.5 mm

Positioning: any

### Mounting and Connection

The terminal blocks of type KL-.-25-400 may be installed in any position, however, they have to be installed inside an enclosure of any type of protection, e.g. “increased safety”. The installation has to be especially verified according to the type of protection.

When installing a single 2-pole terminal block, in addition, one of the two versions of turning protectors has to be applied in order to prevent self-loosening of the fastening screw. In case several 2-pole terminal blocks are lined up no additional turning protection is required.

At each terminal one conductor may be connected. If two conductors with a maximum cross section of 0.75 mm<sup>2</sup> each are joined within a shared cable end sleeve this joining is viewed as one conductor. Junctions of different poles may be achieved by means of the accessory insertable bridges.

The terminal blocks, depending on their allowed operating temperature, are marked by colour:

light-grey and light-blue	→	- 65 °C to + 85 °C
signal-white	→	- 20 °C to + 100 °C
patina-green	→	- 65 °C to + 120 °C
red-brown	→	- 65 °C to + 130 °C