

## CURRENT TRANSFORMER FOR INDUSTRY APPLICATION

SERIES 85XX / 86XX

### FEATURES

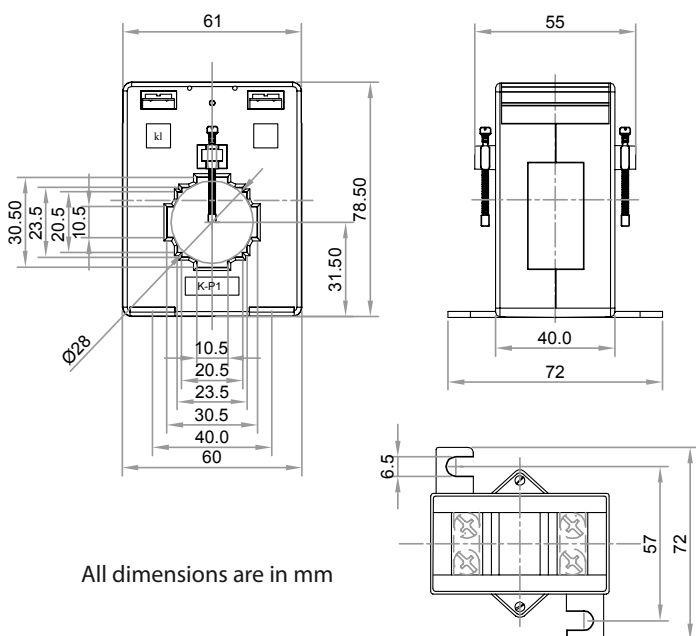
- Provided with busbar window
- Provided with mounting clamps and screws
- Optional with DIN Rail mounting clip
- Safety locks for secondary terminals

- Performs according to IEC 61869-2 (revised IEC 60044-1) standards
- Place of manufacture is certified according to ISO 9001:2008 / ISO 14001:2004
- Fully RoHS compliant
- More details on request or in the single data sheets



### ELECTRICAL SPECIFICATION

|                                                              |                        |
|--------------------------------------------------------------|------------------------|
| Maximum operating voltage ( $U_m$ ) . . . . .                | 0.72 kV                |
| Nominal frequency (f) . . . . .                              | 50/60 Hz               |
| Temperature class . . . . .                                  | E                      |
| Secondary nominal current . . . . .                          | 5 A / 1 A              |
| Primary to Secondary isolation . . . . .                     | 3 kV                   |
| Thermal nominal short circuit current ( $I_{th}$ ) . . . . . | 60 x $I_N$ (1 sec)     |
| Rated surge current ( $I_{dyn}$ ) . . . . .                  | 2.5 x $I_{th}$ (1 sec) |
| Over current limiting factor . . . . .                       | FS 5                   |
| Ambient temperature . . . . .                                | ≤ 40°C                 |
| Accuracy class (other accuracy class on request) . . . . .   | 1                      |



All dimensions are in mm

- Bus conductor . . . . . 30 x 10 mm
- . . . . . 2 x 20 x 10 mm
- Round Conductor . . . . . Ø 28 mm

| Order number | Current [A] |       | Burden [VA] |
|--------------|-------------|-------|-------------|
|              | $I_p$       | $I_s$ |             |
| L01-8500     | 40          | 5     | 1           |
| L01-8501     | 50          |       | 1.5         |
| L01-8502     | 60          |       | 1.5         |
| L01-8503     | 75          |       | 2.5         |
| L01-8504     | 80          |       | 2.5         |
| L01-8505     | 100         |       | 2.5         |
| L01-8506     | 100         |       | 3.75        |
| L01-8507     | 125         |       | 5           |
| L01-8508     | 150         |       | 5           |
| L01-8509     | 200         |       | 5           |
| L01-8510     | 250         |       | 5           |
| L01-8511     | 250         |       | 10          |
| L01-8512     | 300         |       | 5           |
| L01-8513     | 400         | 5     |             |
| L01-8600     | 50          | 1     | 1.25        |
| L01-8601     | 150         |       | 2.5         |
| L01-8602     | 300         |       | 5           |
| L01-8603     | 600         |       | 5           |

Types with other parameters are available upon request