

# HLMK Series Current Transformer

Standard: IEC 60044-1

## Function

HLMK Series Current Transformer provide:

- Measuring and transforming the high current to low current

## Order Information

Class: 0.5

Maximum Voltage: 0.66KV

| Model         | Current ratio (A) | Rated Load (VA) | Bar (mm)        | Diameter (mm) | Number of Turns through the core | Reference     |
|---------------|-------------------|-----------------|-----------------|---------------|----------------------------------|---------------|
| HLMK-0.66-30  | 30/5              | 5-3.75          |                 | 20            | 5                                | HLMKP63030    |
|               | 50/5              | 5-3.75          |                 | 20            | 3                                | HLMKP65030    |
|               | 75/5              | 5-3.75          |                 | 20            | 2                                | HLMKP67530    |
|               | 100/5             | 5-3.75          |                 | 20            | 2                                | HLMKP610030   |
| HLMK-0.66-40  | 250/5             | 5-3.75          | 40x10           | 30            | 1                                | HLMKP625040   |
|               | 300/5             | 5-3.75          | 40x10           | 30            | 1                                | HLMKP630040   |
|               | 400/5             | 5-3.75          | 40x10           | 30            | 1                                | HLMKP640040   |
|               | 500/5             | 5-3.75          | 40x10           | 30            | 1                                | HLMKP650040   |
| HLMK-0.66-50  | 300/5             | 5-3.75          | 50x15           | 35            | 1                                | HLMKP630050   |
|               | 400/5             | 5-3.75          | 50x15           | 35            | 1                                | HLMKP640050   |
|               | 500/5             | 5-3.75          | 50x15           | 35            | 1                                | HLMKP650050   |
|               | 600/5             | 10-3.75         | 50x15           | 35            | 1                                | HLMKP660050   |
|               | 750/5             | 10-3.75         | 50x15           | 35            | 1                                | HLMKP675050   |
|               | 800/5             | 10-3.75         | 50x15           | 35            | 1                                | HLMKP680050   |
| HLMK-0.66-60  | 1000/5            | 10-3.75         | 50x15           | 35            | 1                                | HLMKP6100050  |
|               | 500/5             | 5-3.75          | 60x20           | 45            | 1                                | HLMKP650060   |
|               | 600/5             | 10-3.75         | 60x20           | 45            | 1                                | HLMKP660060   |
|               | 750/5             | 10-3.75         | 60x20           | 45            | 1                                | HLMKP675060   |
|               | 800/5             | 10-3.75         | 60x20           | 45            | 1                                | HLMKP680060   |
|               | 1000/5            | 10-3.75         | 60x20           | 45            | 1                                | HLMKP6100060  |
| HLMK-0.66-80  | 1200/5            | 10-3.75         | 60x20           | 45            | 1                                | HLMKP6120060  |
|               | 1500/5            | 10-3.75         | 60x20           | 45            | 1                                | HLMKP6150060  |
|               | 600/5             | 10-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP660080   |
|               | 750/5             | 10-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP675080   |
|               | 800/5             | 10-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP680080   |
|               | 1000/5            | 10-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP6100080  |
| HLMK-0.66-100 | 1200/5            | 10-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP6120080  |
|               | 1500/5            | 15-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP6150080  |
|               | 2000/5            | 15-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP6200080  |
|               | 2500/5            | 15-3.75         | 80x10 or 60x30  | 50            | 1                                | HLMKP6250080  |
|               | 600/5             | 10-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP6600100  |
|               | 750/5             | 10-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP6750100  |
| HLMK-0.66-120 | 800/5             | 10-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP6800100  |
|               | 1000/5            | 10-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP61000100 |
|               | 1200/5            | 10-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP61200100 |
|               | 1500/5            | 15-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP61500100 |
|               | 2000/5            | 15-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP62000100 |
|               | 2500/5            | 15-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP62500100 |
| HLMK-0.66-120 | 3000/5            | 20-3.75         | 100x30 or 60x40 | 60            | 1                                | HLMKP63000100 |
|               | 1500/5            | 15-3.75         | 120x25 or 80x30 | 60            | 1                                | HLMKP61500120 |
|               | 2000/5            | 15-3.75         | 120x25 or 80x30 | 60            | 1                                | HLMKP62000120 |
|               | 2500/5            | 15-3.75         | 120x25 or 80x30 | 60            | 1                                | HLMKP62500120 |
|               | 3000/5            | 20-3.75         | 120x25 or 80x30 | 60            | 1                                | HLMKP63000120 |
| 4000/5        | 20-3.75           | 120x25 or 80x30 | 60              | 1             | HLMKP64000120                    |               |
| 5000/5        | 20-3.75           | 120x25 or 80x30 | 60              | 1             | HLMKP65000120                    |               |



Motor Control and Protection

# HLMK Series Current Transformer

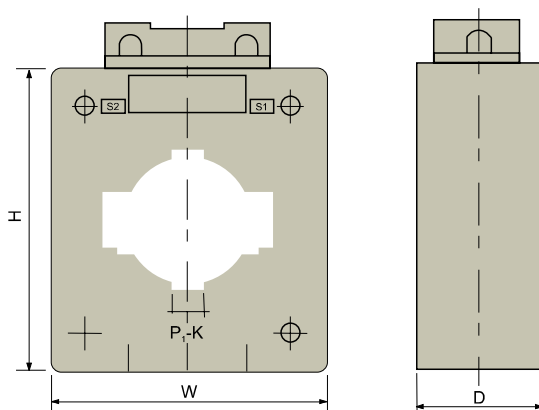
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## Technical Data

- Primary current: 30A-5000A
- Secondary approval: 5A
- Maximum voltage: 0.66kV
- Class: 0.5, 1.0
- Short time thermal current:  $I_{th}=100I_n$
- Rated security coefficient:  $FS < 5$
- Standard: IEC 60044-1

## Overall Dimensions

Unit: mm



| Model         | H   | W   | D  |
|---------------|-----|-----|----|
| HLMK-0.66-30  | 79  | 60  | 37 |
| HLMK-0.66-40  | 99  | 75  | 40 |
| HLMK-0.66-50  | 99  | 82  | 40 |
| HLMK-0.66-60  | 126 | 102 | 40 |
| HLMK-0.66-80  | 118 | 125 | 40 |
| HLMK-0.66-100 | 136 | 170 | 40 |
| HLMK-0.66-120 | 136 | 190 | 41 |