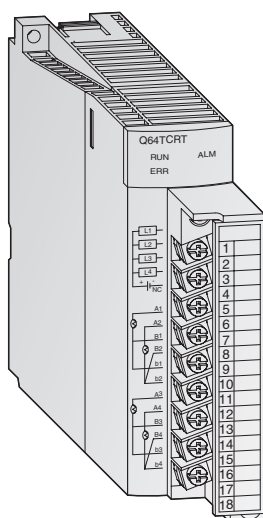


■ Analog CT Input Module



Current transformer module

Up to eight current transformers can be connected directly to the analog CT input module Q68CT. External signal converters are not required anymore.

Special features:

- CT sensors from 5 A AC to 600 A AC are connectable.
- High accuracy within +/-0.5 %
- Averaging calculation
- Maximum value / minimum value hold function
- Integrated scaling function
- Input signal monitoring with alarm output
- Peak current detection
- Integrated logging function

| Specifications | | Q68CT |
|-------------------------------------|-------------------------|---|
| Input points | | 8 |
| Analog input (via CT sensor) | | 5/50/100/200/400/600 A AC |
| Input frequency | | 50/60 Hz |
| Excessive input | | 200 % for 1 minute, 150 % continuously |
| Digital output | Converted current value | 0–10000 (12000) |
| | Scaling value | –32768–32767 |
| Max. resolution | | 0–5 A AC : 0.5 mA 0–50 A AC : 5 mA 0–100 A AC : 10 mA 0–200 A AC : 20 mA 0–400 A AC : 40 mA 0–600 A AC : 60 mA |
| Overall accuracy | | ±0.5 % |
| Minimum sampling cycle | | 10 ms/8 channels |
| Response time | | Max. 0.4 s |
| Insulation method | | Between input terminals and power supply: transformer. Between input channels: no isolation |
| I/O points | | 16 |
| External connection system | | 18-point removable terminal block with screws |
| Applicable wire size | mm ² | 0.3–0.75 |
| Internal power consumption (5 V DC) | mA | 350 |
| Weight | kg | 0.19 |
| Dimensions (WxHxD) | mm | 27.4x98x112 |
| Order information | Art. no. | 145036 |