

CT-3134 4 channels Voltage Input
0~5/0~10/±5/±10VDC,15 bits /16 bits

1 Module features

- ◆ The module supports 4 channels of voltage signal input
- ◆ The module can collect 0~5VDC, 0~10VDC, ±5VDC, ±10VDC, with 15 bits and 16 bits resolution
- ◆ The module carries with 4 analog input channel LED indicator
- ◆ Filtering time can be set
- ◆ Channels can be disabled independently
- ◆ With isolation between channels

2 Technical Parameters

General Parameters	
Power	Max.260mA@5.0VDC
Isolation	I/O to internal bus isolation voltage AC 500V The isolation voltage between channels is AC 500V
Field Power	Not used
Wiring	Max.: AWG 18 Min.: AWG 24
Installation	35mmDIN-Rail
Size	115*14*75mm
Weight	65g
Vibration Resistance	Comply with IEC 61131-2 and EC 60068-2-6
Impact resistance	Comply with IEC 61131-2 and IEC 60068-2-27
EMC Performance	Comply with IEC 61131-2 and IEC 61000-4
Environment Specification	
Operating Temperature of Horizontal Installation	-35°C~70°C
Operating Temperature of Vertical Installation	-35°C~60°C
Relative Humidity	< 95%RH (No Condensation)
Storage Temperature	-40°C~85°C
Storage Humidity	< 95%RH (No Condensation)
Manufacturing Test Temperature	-40°C~75°C
Ingress Protection Rating	IP20
Input Parameter	
Channel Number	4 channel voltage input
LED Indicator	4 channel input indicators
Input Voltage Range	0~5VDC, 0~10VDC, ±5VDC and ±10VDC
Resolution	16 bits
Accuracy	±0.3%@25°C ±0.5%@-40~55°C
Sampling Rate	12ms/4 channel
Output Impedance	100KΩ (±5%)
Channel Disable	supported
Diagnostic Function	Channel disabled fault value: -32767 Overflow: 32767 (Overflow failure value supported only in standard mode) Underflow: -32768(Underflow failure value supported only in standard mode)

 WARNING

UNEXPECTED EQUIPMENT OPERATION

Do not exceed any of the ratings specified in the environmental and electrical characteristics table.

Failure to follow instructions specified by the manufacturer may result in serious consequences such as death, personal injury, or damage to equipment since the protection provided by the equipment may be impaired.

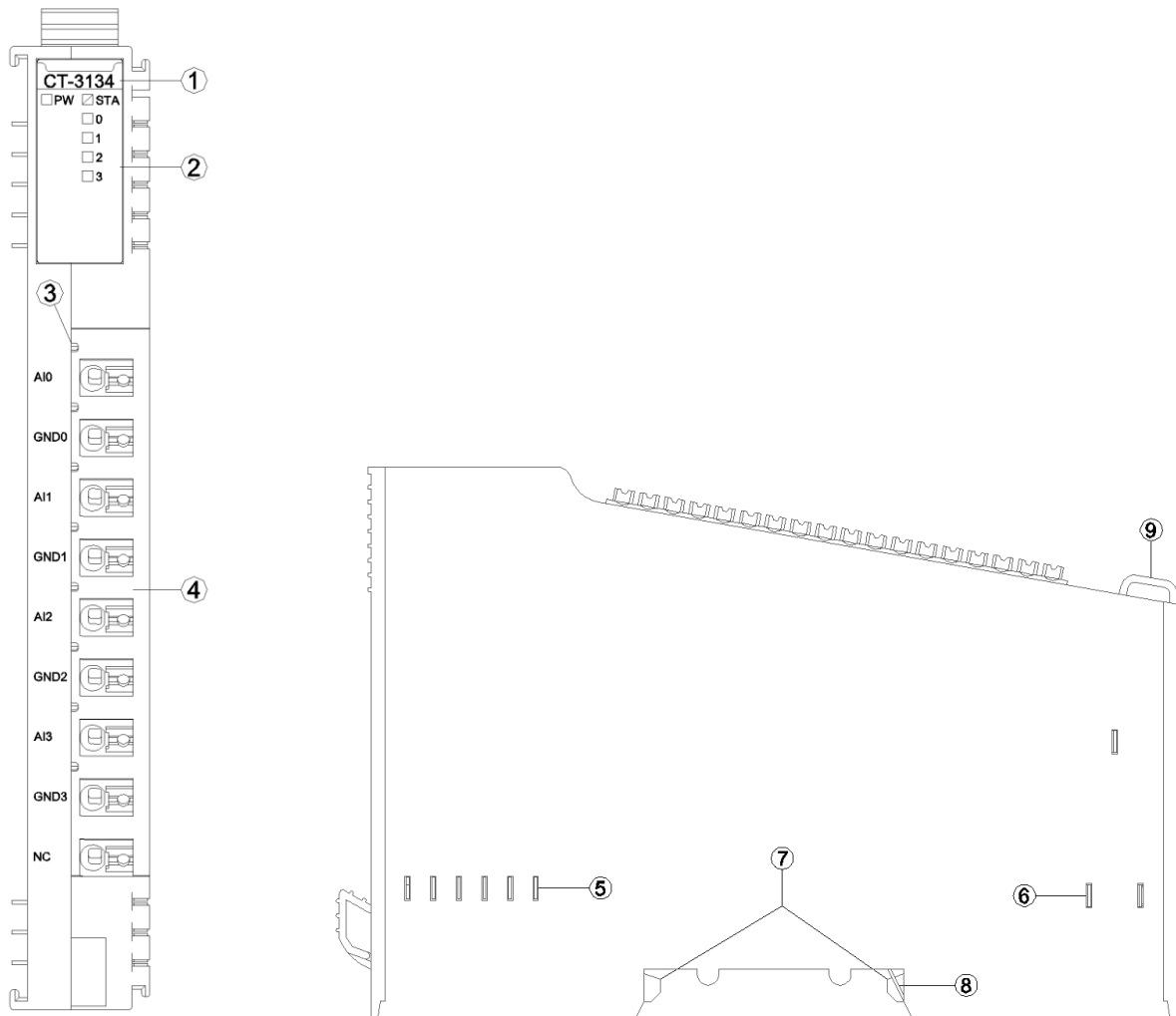
 AVERTISSEMENT

FONCTIONNEMENT INATTENDU DE L'EQUIPEMENT

Ne dépassez aucune évaluation spécifiée dans le tableau de caractéristiques environnementales et électriques.

Le fait de ne pas suivre les instructions peut entraîner une défaillance de la protection fournie par l'équipement, ce qui peut entraîner des conséquences graves, comme des blessures ou des dommages à l'équipement.

3 Hardware Interface



- ① Module Type
- ② State indicator
- ③ N/A
- ④ Wiring Terminal and identification
- ⑤ Internal Bus
- ⑥ Field Power
- ⑦ Buckle
- ⑧ Grounding Spring Sheet
- ⑨ Fixed Wiring Harness