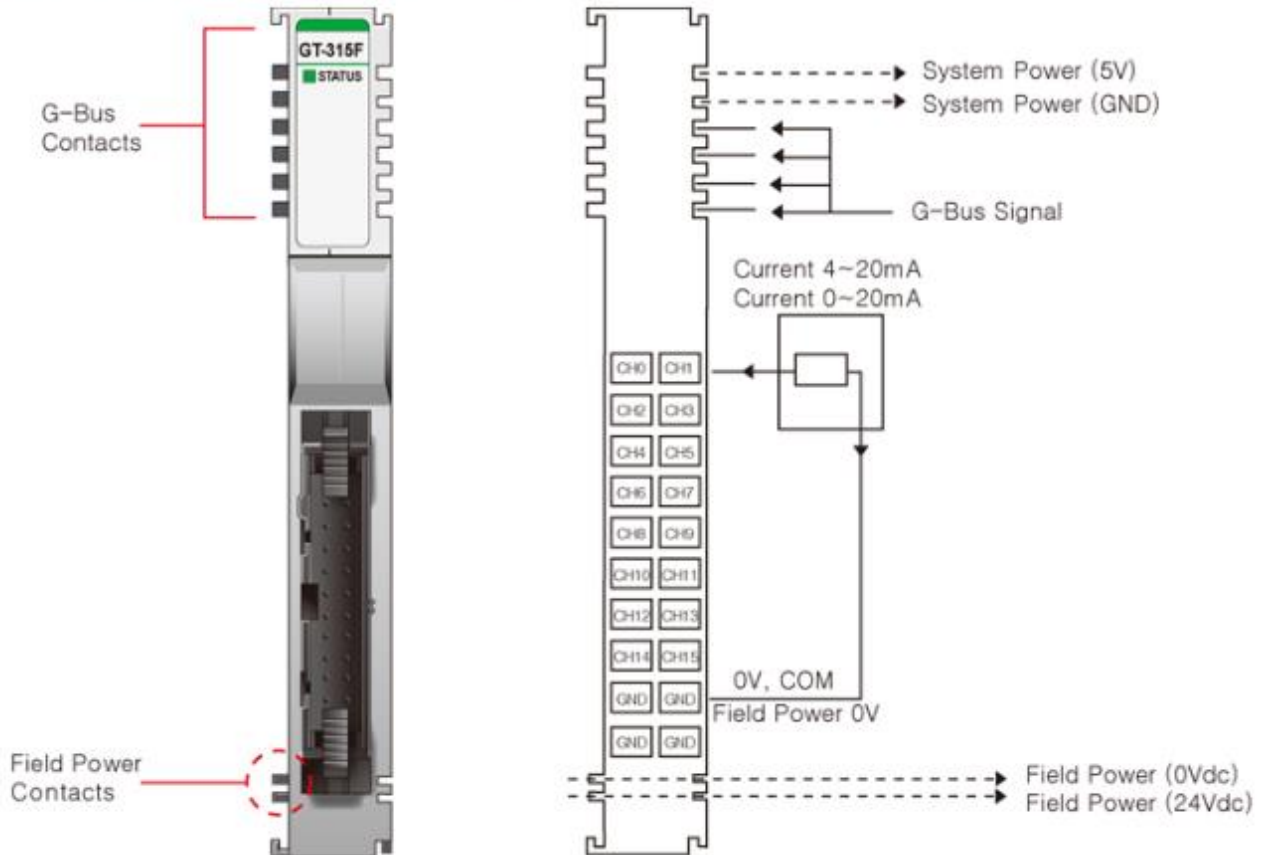


GT-315F

16 Channels, Current Input, INPUT, 0~20mA/4~20mA, 16BIT



GT-315F (16 CHANNELS CURRENT INPUT, 0~20mA/4~20mA, 16BIT)

Inputs per module:	16 Channels single ended, non-isolated between channels
Indicators:	1 Green G-Bus status
Resolution in Ranges:	16bit (Include Sign) 15 bits: 0.61uA/Bit(0~20mA), 0.49uA/Bit(4~20mA)
Input Range:	0~20mA, 4~20mA
Data Format:	16bits Integer (2 ¹ compliment)
Module Error:	±0.1% Full Scale @ 25°C ambient ±0.3% Full Scale @ -40°C~60°C
Input Impedance:	121.5Ω
Diagnostic:	Diagnostic Field Power Off: LED Blinking
Conversion Time:	All channel < 3.2ms
Field calibration:	Not Required
COMMON Type:	4 Common, Field Power 0V is Common (AGND)

General Specification

Power dissipation:	Max. 30mA @ 5.0Vdc
Isolation:	I/O to Logic: Isolation Field power: Non-Isolation
Field Power:	Supply Voltage: 24Vdc nominal Voltage Range: 18 ~ 32Vdc Power Dissipation: Max. 30mA@24Vdc
Wiring:	I/O Cable Max. 2.0mm2(AWG 14)
Weight:	58g
Module Size:	12mm x 99mm x 70mm

Pin No.	Signal Description	Signal Description	Pin No.
0	Input Channel 0	Input Channel 1	1
2	Input Channel 2	Input Channel 3	3
4	Input Channel 4	Input Channel 5	5
6	Input Channel 6	Input Channel 7	7
8	Input Channel 8	Input Channel 9	9
10	Input Channel 10	Input Channel 11	11
12	Input Channel 12	Input Channel 13	13
14	Input Channel 14	Input Channel 15	15
16	Input Channel Common (AGND)	Input Channel Common (AGND)	17
18	Input Channel Common (AGND)	Input Channel Common (AGND)	19