



The IC3356 is an analog input measurement module, software configurable in voltage (-10V to +10V) or in current (-20mA to +20mA). All sixteen input channels have only a common reference point inside the module.

Characteristics

- High density modules
- Short-circuit protection
- Overheating protection
- 16 electromechanical relay outputs

The IC3356 module is available in the following variants:

Reference	Description
IC3356CB	16 input channels in voltage or in current with extended temperature range, DIN 41612 F output connector

Technical Features	IC3356CB
Functional	
Input signal	Voltage / Current
Number of inputs	16
Connection mode	Common GND reference
Self diagnosis	TSX and ADC
Hot swap	Yes
Measurement ranges	-20mA to + 20mA, 0 to 20mA, + 4mA to 20mA, -10V to + 10V, - 5V to + 5V, - 1V to + 1V, 0 + 5V, 0 + 10V
Refresh time	5,2ms (max.)
A/D converter	16 bits
Electrical	
Break down current in current mode	+/- 40mA
Break down voltage	+/- 18V
Open circuit voltage	-
Isolation input to system	1500Vac, 60s
Isolation between inputs	No
Input impedance, voltage mode	>33Kohm
Input impedance, current mode	440ohm (min.), 460ohm (max.)
TSX bus current from 3,3V	550mA (max.) / 430mA (typ.)
Mechanical	
Dimensions (WxHxD)	26mm x 175mm x 130,41mm
Weight	210g
Slot width	1 Slot TSX
Output connector	DIN 41612 F, 48 pin
Climatic	
Operating Temperature	Class TX:-40°C to + 70°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	5% to 95% w/o condensing
Accessories (Not included)	
Field connection options	DIN 41612 F, 48 pin Socket