



The IC3314 module has 24 digital inputs, 16 x 24Vdc digital inputs with common ground and 8 high-speed digital inputs for up to 4 counters for incremental encoders.

#### Characteristics

- Status indication LEDs
- Status monitoring from processor module
- High density modules DIN 41612 F, 48 pin connector
- EN50155 compliant

The IC3314 module is available in the following variants:

Reference	Description
IC3314A	16 x 24Vdc digital inputs + 8 fast 24Vdc digital inputs for incremental encoders, DIN 41612 F output connector (48pin)

Technical Features	IC3314A
<b>Functional</b>	
Number of inputs	24
Connection mode	Common return for the first 16 inputs
Number of Low/High speed input	16 (24V) / 8(24V)
High Speed Counters	up to 4 counters for 4 incremental encoders on the last 8 inputs
Digital filter	One configurable digital filter for each input
Self diagnosis	TSX internal bus
Hot Swap	Yes
<b>Electrical</b>	
Input technology	Optoisolator
Isolation output to system	Test 2500Vdc
Isolation between inputs	Only between high speed inputs
Nominal input voltage	24Vdc
Min. current per input	10mA
Input current	>9mA
Current Consumption 3,3 V	150mA (max.) / 131mA (typ.)
Current Consumption 5,0 V	-
<b>Mechanical</b>	
Dimensions (WxHxD)	26mm x175mm x130mm
Weight	275g
Slot width	1 slot. IC3 / TSX
Output connector	DIN 41612 F, 48 pin
<b>Climatic</b>	
Operating Temperature	Class TX:-40°C to + 70°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	5% to 95% w/o condensing
<b>Accessories (Not included)</b>	
Field connection options	DIN 41612 F, 48 pin Socket