



The IC3315 module has 16 x 110Vdc digital inputs with common ground and depending on the variant:

- Variant A - 8 x 24Vdc high-speed digital inputs for up to 4 counters for incremental encoders
- Variant B - Additional 8 x 110Vdc digital inputs but each input has their own return wire

#### Characteristics

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

The IC3315 module is available in the following variants:

Reference	Description
IC3315A	16 x 110Vdc digital inputs + 8 fast 24Vdc digital inputs for incremental encoders, DIN 41612 F output connector (48pin)
IC3315B	24 x 110Vdc digital inputs, DIN 41612 F output connector (48pin)

Technical Features	IC3315A	IC3315B
<b>Functional</b>		
Number of inputs	24	
Connection mode	Common return for the first 16 inputs	
Number of Low/High speed input	16 (110V) / 8 (24V)	24(110V) / 0
High Speed Counters	up to 4 counters for 4 incremental encoders on the last 8 inputs	0
Digital filter	One configurable digital filter for each input	
Self diagnosis	TSX bus	
Hot Swap	Yes	
<b>Electrical</b>		
Input technology	Optoisolator	
Isolation output to system	Test 2500Vdc	
Isolation between inputs	No	
Nominal input voltage	110Vdc	
Mín. current per input	2mA	
Current Consumption 3,3V	150mA (max.) / 131mA (typ.)	
<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	