Table 3-1. Ovation Module Choices (Cont'd)

Module Type	Channel	Electronic Module	Personality Module
Analog Input (± 1 V) (13 bit)	8	1C31113G04	1C31116G01
Analog Input (± 10 V) (13 bit)	8	1C31113G06	1C31116G01
Analog Input (± 5 V) (13 bit)	8	1C31113G05	1C31116G01
Analog Input (0 - 20 mA local powered) (13 bit)	8	1C31113G05	1C31116G03
Analog Input (0 - 20 mA remote powered) (13 bit)	8	1C31113G05	1C31116G02
Analog Input (4 - 20 mA local powered) (13 bit)	8	1C31113G05	1C31116G03
Analog Input (4 - 20 mA remote powered) (13 bit)	8	1C31113G05	1C31116G02
Analog Input (4 - 20 mA) (14 bit)	8	1C31224G01	1C31227G01
Analog Input (± 1 V) (14 bit)	8	1C31224G02	1C31227G02
Analog Input (4 - 20 mA) (14 bit High Speed (HS))	8	5X00070G01	1C31227G01
Analog Input (± 100mV, ± 250mV, ± 1V) (14 bit HS)	8	5X00070G02	1C31227G02
Analog Input (± 5V, ± 10V) (14 bit High Speed)	8	5X00070G03	1C31227G02
Analog Input (± 1mA, 2 wire local field powered) (14 bit HS)	8	5X00070G02	1C31227G03
Analog Input (± 1mA, 4wire field powered) (14 bit HS)	8	5X00070G02	1C31227G02
Analog Input (± 20mV, ± 50mV, ± 100mV Thermocouple) (14 bit HS)	8	5X00070G04	1C31227G04
Analog Output (0 to +10 V)	4	1C31129G02	1C31132G01
Analog Output (0 to +5 V)	4	1C31129G01	1C31132G01
Analog Output (0 to 20 mA w/diagnostics)	4	1C31129G03	1C31132G01
Analog Output (0 to 20 mA w/o diagnostics)	4	1C31129G04	1C31132G01
Analog Output (4 to 20 mA w/diagnostics)	4	1C31129G03	1C31132G01
Analog Output (4 to 20 mA w/o diagnostics)	4	1C31129G04	1C31132G01
Compact Contact Input w/Onboard 48 V aux	16	1C31234G01	Cavity Insert [2]
Contact Input w/Onboard 48 V auxiliary	16	1C31142G01	1C31110G03
Digital Input (125 VAC/DC differential)	16	1C31107G02	1C31110G02
Digital Input (125 VAC/DC single ended)	16	1C31107G02	1C31110G01

8-2. Module Groups

8-2.1. Electronics Module

There is one Electronics module group for the Contact Input Module:

- 1C31142G01 provides 48 VDC on-card auxiliary power for 16 contact inputs with common return.

8-2.2. Personality Module

There is one Personality module group for the Contact Input Module:

- 1C31110G03 contains surge-protection components for 16 inputs.

Table 8-1. Contact Input Subsystem

Range	Channels	Electronic Module	Personality Module
48 VDC On-Card wetting supply	16	1C31142G01	1C31110G03

All Configurations are CE Mark Certified.

8-3. Specifications

Electronics Module (1C31142)
Personality Module (1C31110)

Table 8-2. Contact Input Module Specifications

Description	Value
Number of channels	16
On board auxiliary power supply	42 V minimum 55 V maximum
Propagation delay	7 mSec maximum
Contact bounce rejection Always rejects contact change of state Always accepts contact change of state	 < 3 mSec > 7 mSec