Type IQ

FUNCTION

14 - (2) DPDT Mechanical Switch
up to 10 amps @ 125/250 VAC
up to 0.5 amps @ 125 VDC

16 - (2) SPDT Mechanical Switch
up to 10 amps @ 125/250 VAC
up to 0.5 amps @ 125 VDC

17 - (2) SPDT Gold Contact Mechanical Switch
up to 1 amp @ 125 VAC
up to 0.5 amps @ 30VDC

25 - (2) SPDT Reed Switch
Max Current: 3 Amps
Max Power: 100 Watts/VA

40 - (2) SPST Reed Switch
0.15 Amps @ 125VAC/30VDC

42 - (2) V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA

43 - (2) Non V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA

52 - (3 to 6) V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA

53 - (3 to 6) Non V3 Style Proximity Sensor
Op Voltages (sensor dependent) 10 to 60VDC
10 to 250VAC
Op Current (sensor dependent) 2 to 400mA

55 - (3 to 6) SPDT Mechanical Switch
up to 11 amps @ 125/250 VAC
up to 0.5 amps @ 125 VDC

56 - (3 to 6) SPDT Gold Contact Mechanical Switch
up to 1 amp @ 125 VAC
up to 0.5 amps @ 30VDC

58 - (3 to 6) SPDT Reed Switch
Max Current: 3 Amps
Max Power: 100 Watts/VA

59 - (3 to 6) SPST Reed Switch
0.15 Amps @ 125VAC/30VDC

70 - POSITION TRANSMITTER - Resistive
4-20mA @ 10 - 40 VDC
monitor may include up to 4 additional switch/sensors from functions 16, 17, 25, 40, 42 or 43

92 - (1) DeviceNet VCT Module
Op Voltage - 24VDC
Max Current 160mA

93 - (1) Foundation Fieldbus VCT Module (bus powered)
Op Voltage - 6.5VDC
Max Current 5mA

94 - (1) Foundation Fieldbus VCT Module (external power)
Op Voltage - 24VDC
Max Current 200mA

95 - (1) Modbus VCT Module
Op Voltage - 24VDC
Max Current 160mA

96 - (1) AS-Interface VCT Module
Op Voltage - 24-30VDC
Max Current 160mA

97 - (1) AS-Interface VCT Module (extended addressing)
Op Voltage - 24 - 30VDC
Max Current 100mA

ENCLOSURE

S - 316SS Cover & Housing

CONDUIT

5 - (2) M20 x 1.5

6 - (3) M20 x 1.5

8 - (1) 3/4" NPT (central entry)
(1) 1/2"NPT (offset entry)

9 - (1) 3/4" NPT (central entry)
(2) 1/2"NPT (offset entry)

B - (2) 1/2" NPT

C - (3) 1/2" NPT

OUTPUT DRIVE

N - NAMUR Output

S - 2 Pin Drive

INDICATOR

R - RED CLOSED / GREEN OPEN
(lexan 143R material of construction)

C - 0 - 100% GRADUATED
(lexan 143R material of construction)

O - NO VISUAL INDICATOR

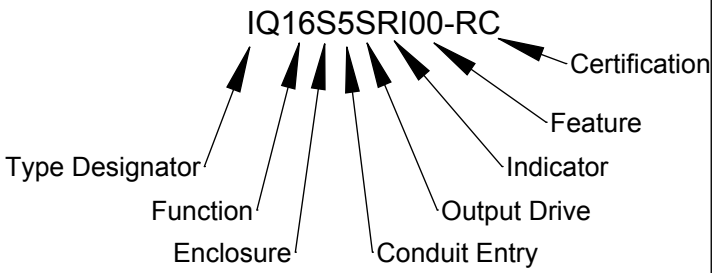
FEATURE

- XXX - Feature Designator
See Note 1 below

CERTIFICATION

- RC - Custom Union Certified
Added after Feature to denote unit is CU certified version

Part Number Compilation:



NOTE 1:

The exact detail of switches/sensors/transmitters fitted in the monitor is not fully specified by the basic part number. The 'feature designator' provides a mechanism for cross-referencing to a centralised log establish the make and model of parts fitted in a given unit.

FURTHER NOTES:

Function assemblies 14, 16, 17, 25, 40, 42 and 43 use a small cover (see C110130). Where function 43 uses cylindrical sensors longer than 40mm, a tall cover is used (see C110131). Function 52, 53, 55, 56, 58, 59 and 70 use a tall cover (see C110130).

The maximum permitted power that can be dissipated within a monitor is specified on drawing A160147 and the electrical characteristics and ratings of the components fitted must not allow this value to be exceeded.

REV	DRAWN	DATE	CHK'D	ECO
	PT	11.8.14		14-2268

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: 3.2 microns
TOLERANCES:
LINEAR: ±0.25mm
ANGULAR: ±0.5°

TITLE:

IQ Master Model Description - Exd Custom Union

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DEBUR AND BREAK SHARP EDGES

MATERIAL:

WEIGHT(g):

DWG NO. A190309

REV

STATUS S

SCALE:1:1

SHEET 1 OF 1

A4