



## Certification Record

CUSTOMER	CLASS	FILE
IDEC Corporation 6-64 Nishimiyahara 2-Chome, Yodogawa-Ku Osaka 532-0004 Japan	2258-04 PROCESS CONTROL EQUIPMENT- Intrinsically Safe, Entity - For Hazardous Locations  Refer to Class Description for program details	021451_0_000



Class I, Groups A, B, C and D;

- Relay barrier model EB3C-abcd and EB3C-abcd-C (see the below notes) rated at 24Vdc, 200mA or 240Vac, 80mA depending on the barrier model. Provides Intrinsically Safe circuits with entity parameters per Control Drawing No. B-578-4 (Rev. E), Ta = -20°C to +60°C.

Notes:

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|-------------------------------|--|
| a = Output type               | R: relay output, T: transistor output;   |
| b = Quantity of circuit       | 01, 02, 03, 05, 06, 08, 10, 08C, 16C (C indicates common type);                          |
| c = Type of transistor output | K: sink, S: source (common type only);   |
| d = Kind of power supply      | A: AC power input, 100 to 240Vac (except for 16 channels);<br>D: DC power input, 24 Vdc. |
  - The above devices are for mounting in a suitable protective enclosure in non-hazardous locations and must be installed in accordance with the manufacturer's instructions. Terminals provide intrinsically safe circuits for switches, thermocouples, LED's and non-inductive resistive or CSA Certified equipment when installed per manufacturer's control drawings.
- Lamp barrier Model EB3L (see the below notes) rated at 24Vdc, 200mA or 240Vac, 80mA depending on the barrier model. Provides Intrinsically Safe circuits with entity parameters per Control Drawing No. B-754-4 (Rev. B), Ta = -20°C to +60°C.

Notes:

- |                              |  |
|------------------------------|--|
| a = Output type              | S: Super LED;  |
| b = Quantity of circuit      | 01, 02, 03, 05, 06, 08, 10, 08C, 16C (C indicates common type);                          |
| c = Type of transistor input | K: sink, S: source (common type only);   |
| d = Kind of power supply     | A: AC power input, 100 to 240Vac (except for 16 channels);<br>D: DC power input, 24 Vdc. |
- The above devices are for mounting in a suitable protective enclosure in non-hazardous locations and must be installed in accordance with the manufacturer's instructions. Terminals provide intrinsically safe circuits for switches, thermocouples, LED's and non-inductive resistive or CSA Certified equipment when installed per manufacturer's control drawings.

Class I, Division 1, Groups A,B,C,D

- Buzzer Model EB3P-Z may be followed by abcd (see the below note); Intrinsically Safe with entity parameters per Control Drawing No. B-756-2 (Rev. G), Ta = -20°C to +60°C; Temperature Code T6.

Note:

a = Construction  
b = Fitting Size  
c = Rated Voltage  
d = Operation

U: U Series  
N: 30mm dia. (f30)  
12: 12Vdc  
F: Intermittent Sound  
C: Continuous Sound

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