

### **Description:**

The CIA-PEB63Ex allows to connect easily 30 Discrete Inputs from an existing I.S Hartmann & Braun card type PEB63Ex, to fifteen FIRELEC I.S module type FI302-T (dual channel).

The Contronic cable (PK451) used by the PEB63Ex Contronic card is kept in place. The SUBD50F connector of this cable is then connected on the SUBD50M (J1) connector of the CIA-PEB63Ex unit.

The connection to the fifteen FIRELEC I.S modules is done with two cables, using a SUBD37M connector at one end, and fifteen BLT connectors at the other end. One cable allows to connect 15 channels of Discrete Input.

**These cables and cables routed to or from the hazardous area must be segregated from other cables by routing through separate cable tray.**

The length of these cables must be taken into account to calculate the I.S loop parameters.



### **Specifications:**

**Mounting:**

Asymmetric or symmetric DIN rail.

**Size:**

Width 55mm, Height 128mm, Depth 50mm

**Protection degree:**

IP20.

**EC type Examination Certificate number:**

LCIE05ATEX0002U

**I.S Specific parameters for each channel:**

$U_o \leq 10V$

$I_o \leq 120mA$

$P_o \leq 0.8W$

$C_o = 0$

$L_o = 0$

**Cables for the connection to the FIRELEC I.S module type FI302-T, ref: CBL-SUBD37MSHD/BLT/612.**

Shielded cable (32 wires: AWG 26, 0.14mm<sup>2</sup>) with a SUBD37M connector to be plugged to the SUBD37F connectors (J2) or (J3) of the CIA-PEB63Ex unit at one end, and 15 BLT connectors matching with the FI302-T input module (for connecting 15 channels).  
Two cables are needed for connecting 30 channels.

