



WIRING SYSTEM

Connection of dispensers to the filling station switchboard

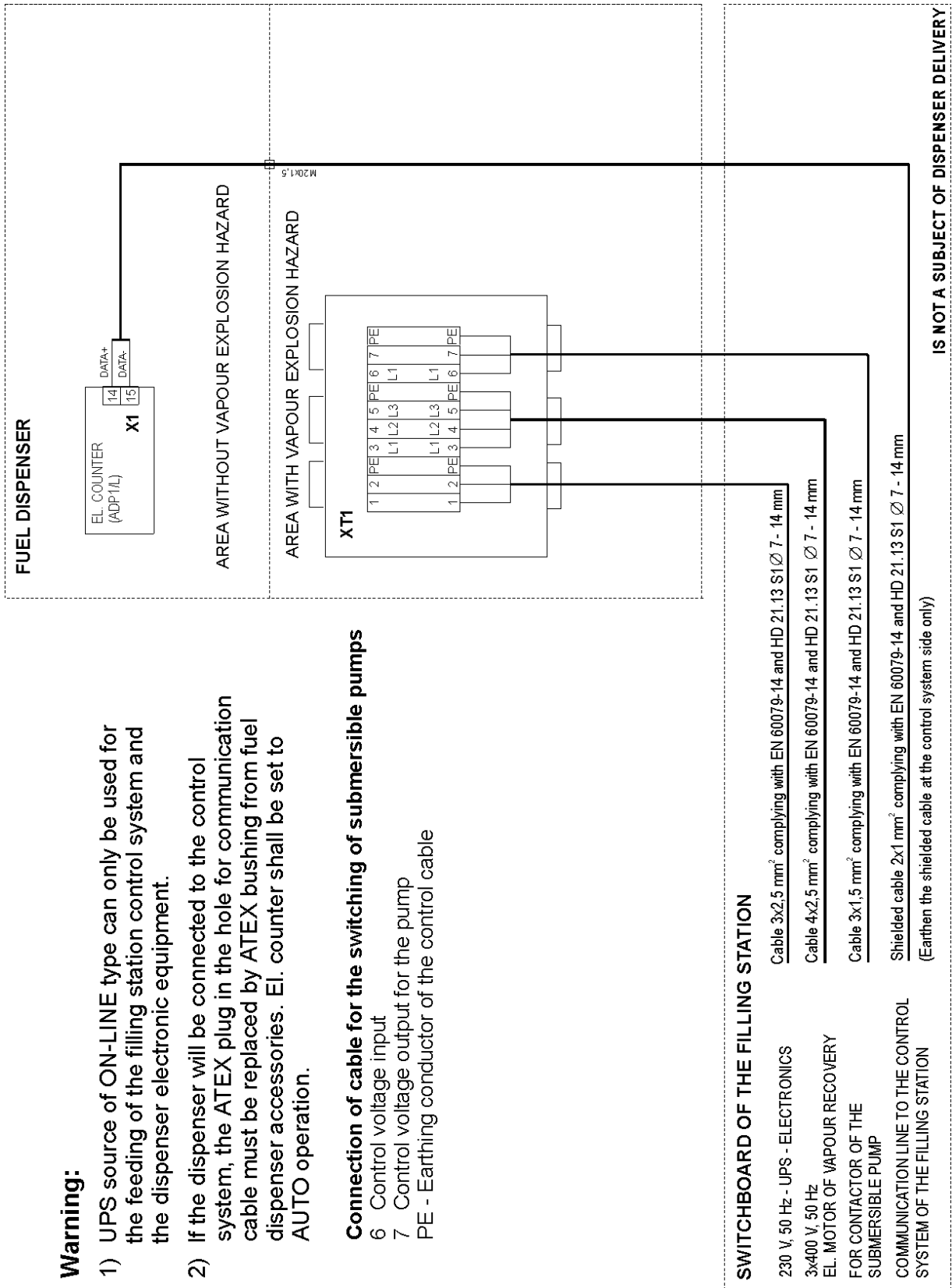
ADAST Minor
ADAST Popular

V-line 89xx.xxx
Fuel Dispenser with Suction or Pressure
Pumping System



CE 1026
CE 1383

Connection of V-line 899x.6x3/P and V-line 899x.6x3/LC/P dispensers with vapour recovery system and with ADP1/L counter to the filling station switchboard



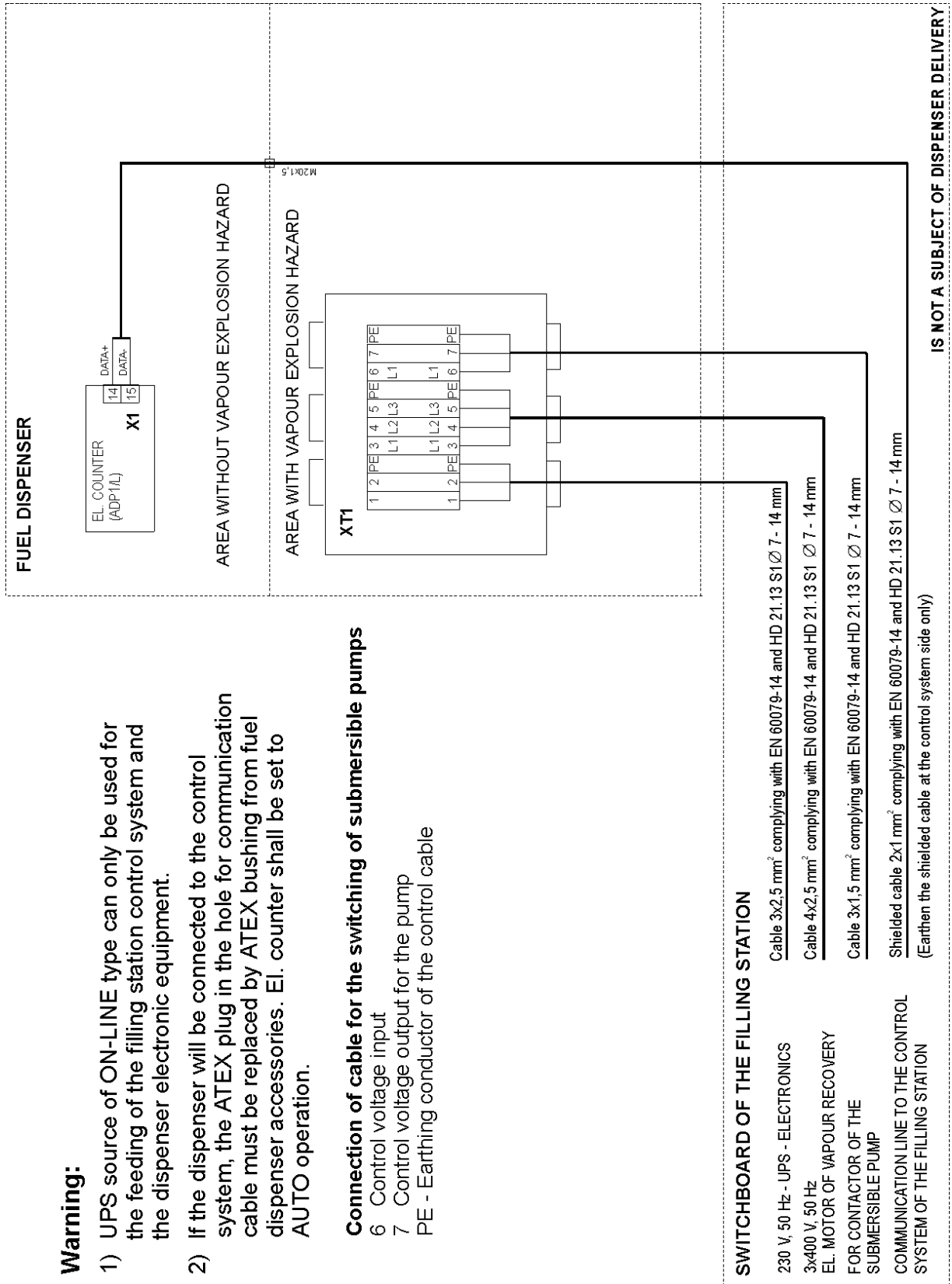
Warning:

- 1) UPS source of ON-LINE type can only be used for the feeding of the filling station control system and the dispenser electronic equipment.
- 2) If the dispenser will be connected to the control system, the ATEX plug in the hole for communication cable must be replaced by ATEX bushing from fuel dispenser accessories. El. counter shall be set to AUTO operation.

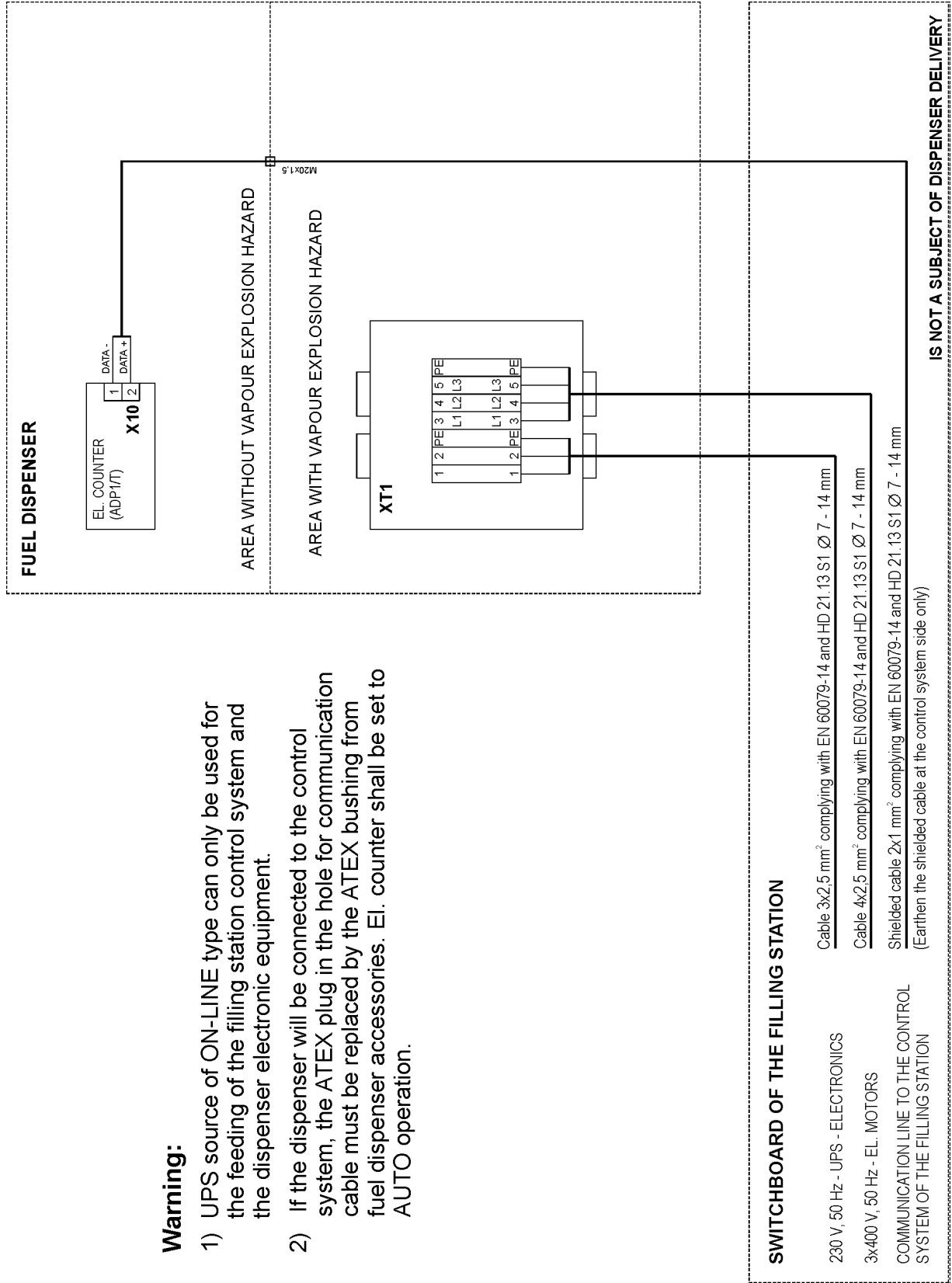
Connection of cable for the switching of submersible pumps

- 6 Control voltage input
- 7 Control voltage output for the pump
- PE - Earthing conductor of the control cable

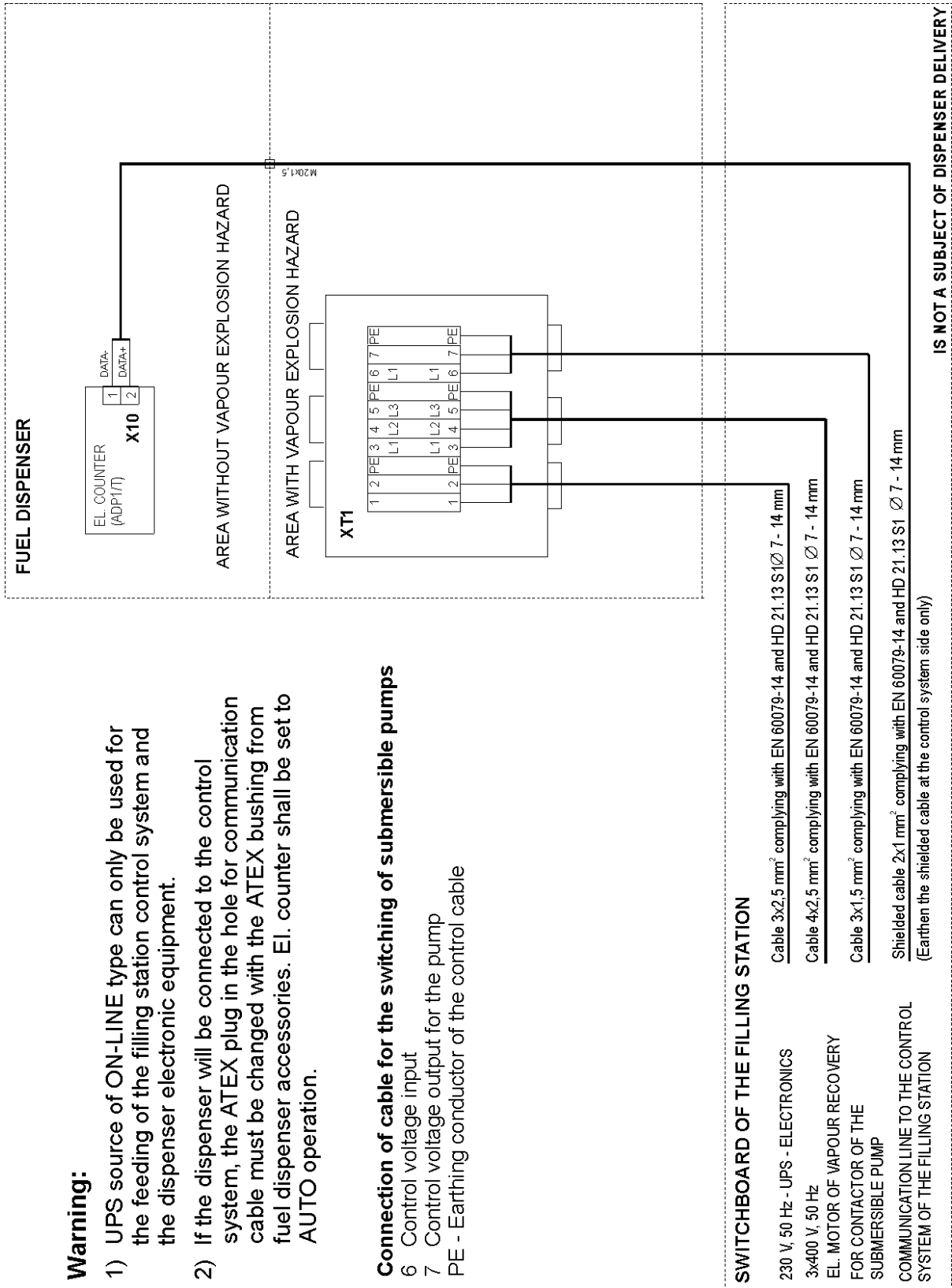
Connection of V-line 899x.6x3/P and V-line 899x.6x3/LC/P dispensers without vapour recovery system with ADP1/L counter to the filling station switchboard



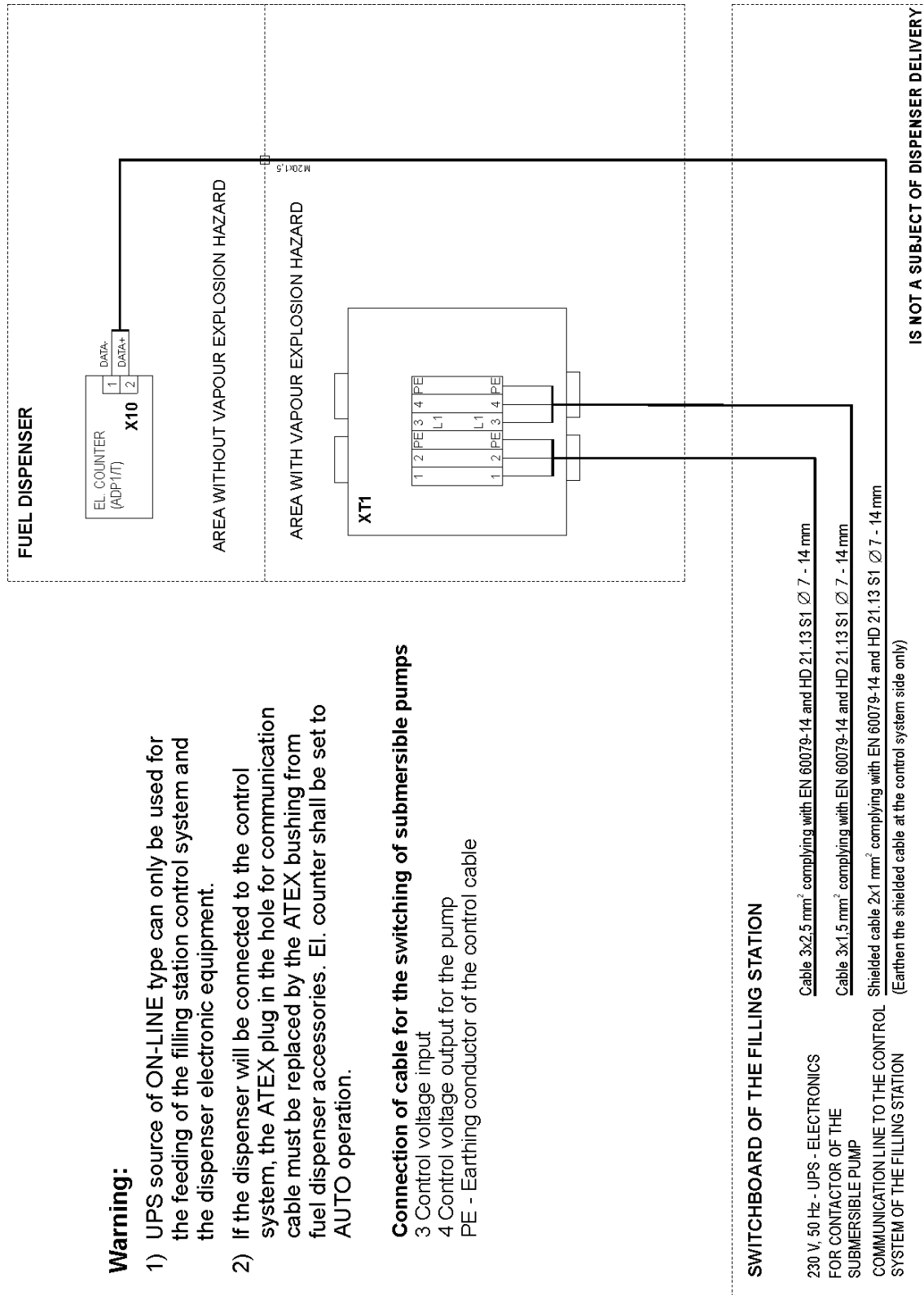
Connection of V-line 899x.6x3/S and V-line 899x.6x3/LC/S dispensers with ADP1/T counter to the filling station switchboard



Connection of V-line 899x.6x3/P and V-line 899x.6x3/LC/P dispensers with vapour recovery system and with ADP1/T counter to the filling station switchboard



Connection of V-line 899x.6x3/P and V-line 899x.6x3/LC/P dispensers without vapour recovery system and with ADP1/T counter to the filling station switchboard



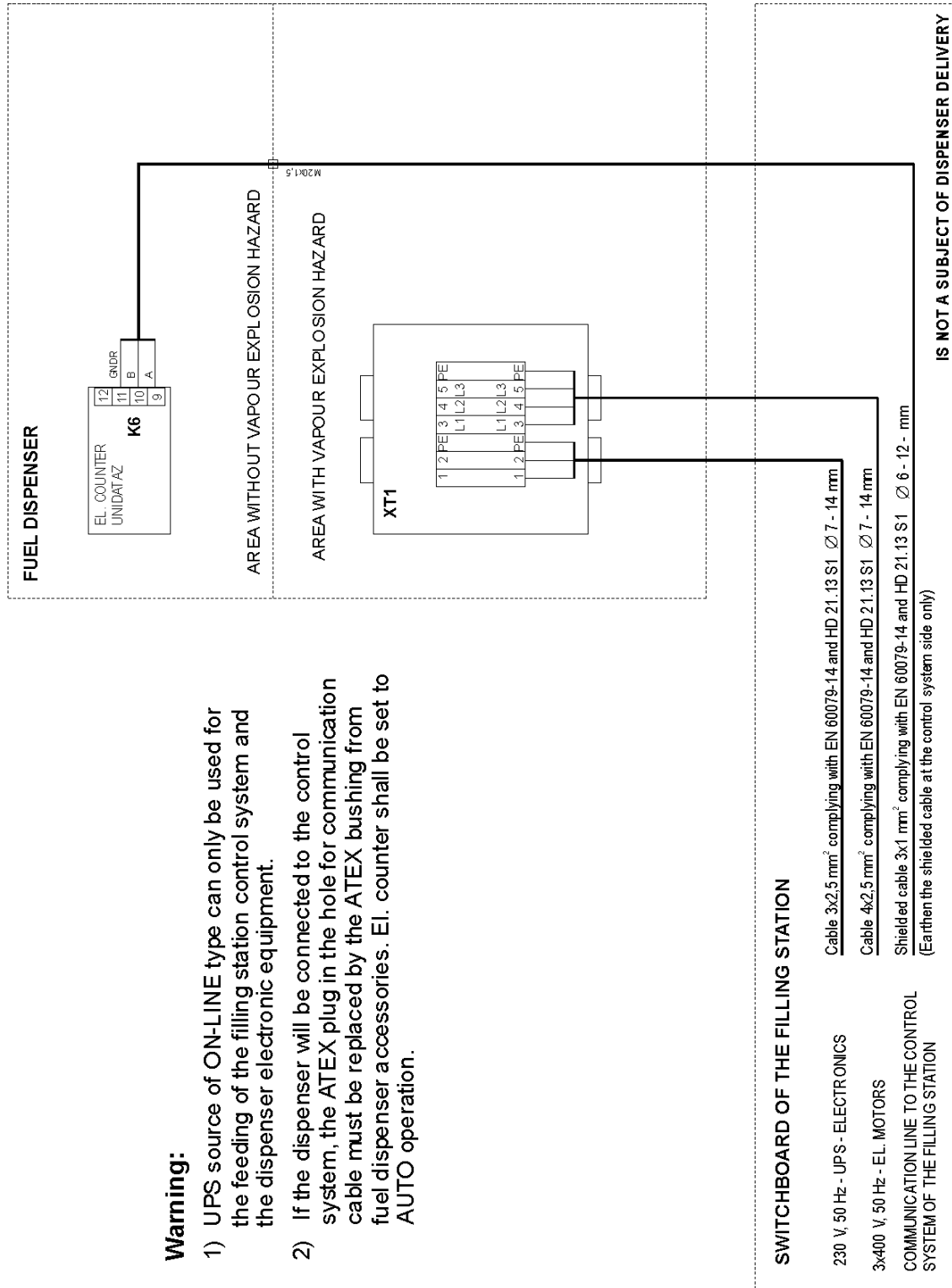
Warning:

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- 2) If the dispenser will be connected to the control system, the ATEX plug in the hole for communication cable must be replaced by the ATEX bushing from fuel dispenser accessories. EI. counter shall be set to AUTO operation.

Connection of cable for the switching of submersible pumps

- 3 Control voltage input
 - 4 Control voltage output for the pump
- PE - Earthing conductor of the control cable

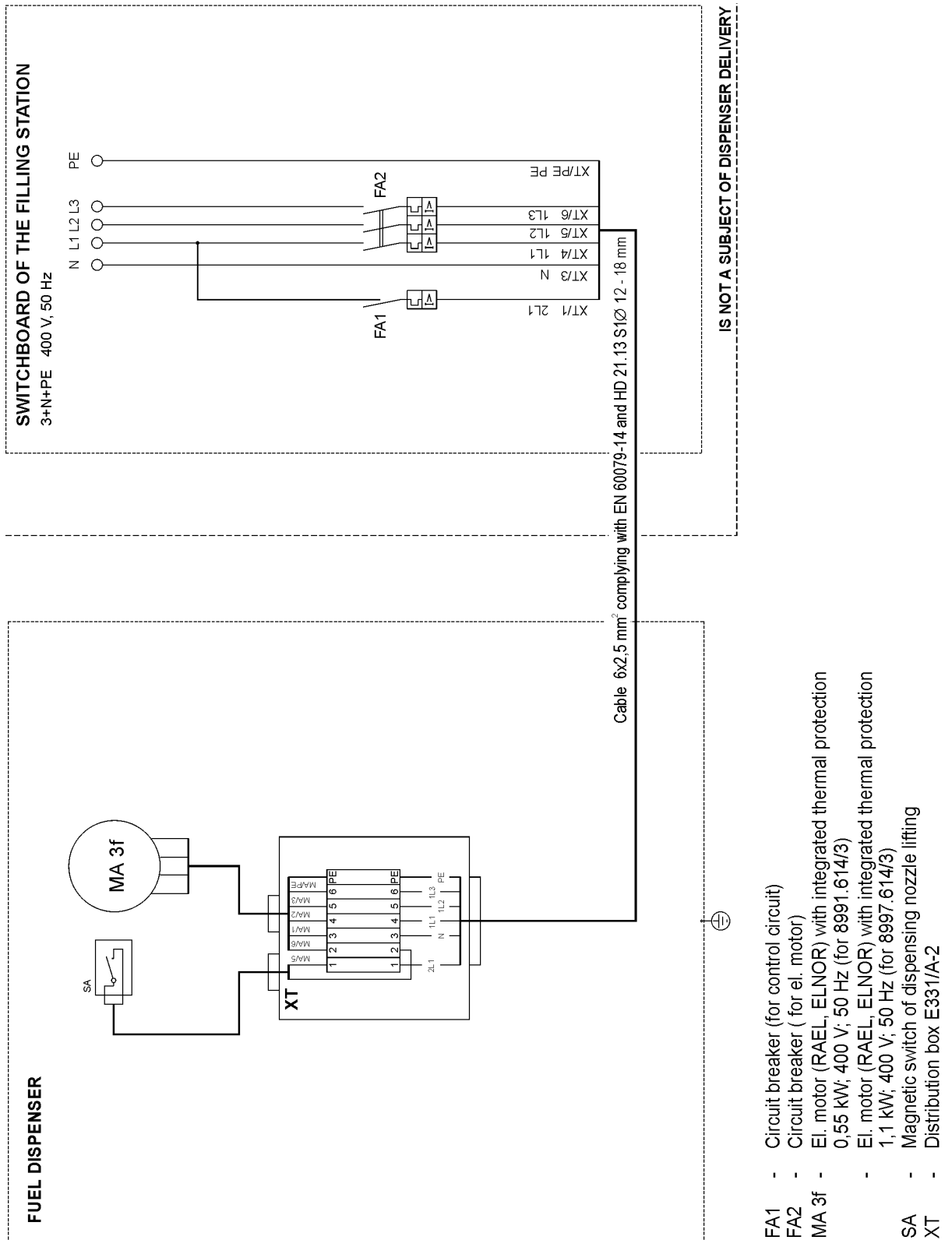
Connection of V-line 8991.x83/CA, V-line 8991.x83/LC/CA and V-line 8997.x83/CA, V-line 8997.x83/LC/ CA dispensers to the filling station switchboard



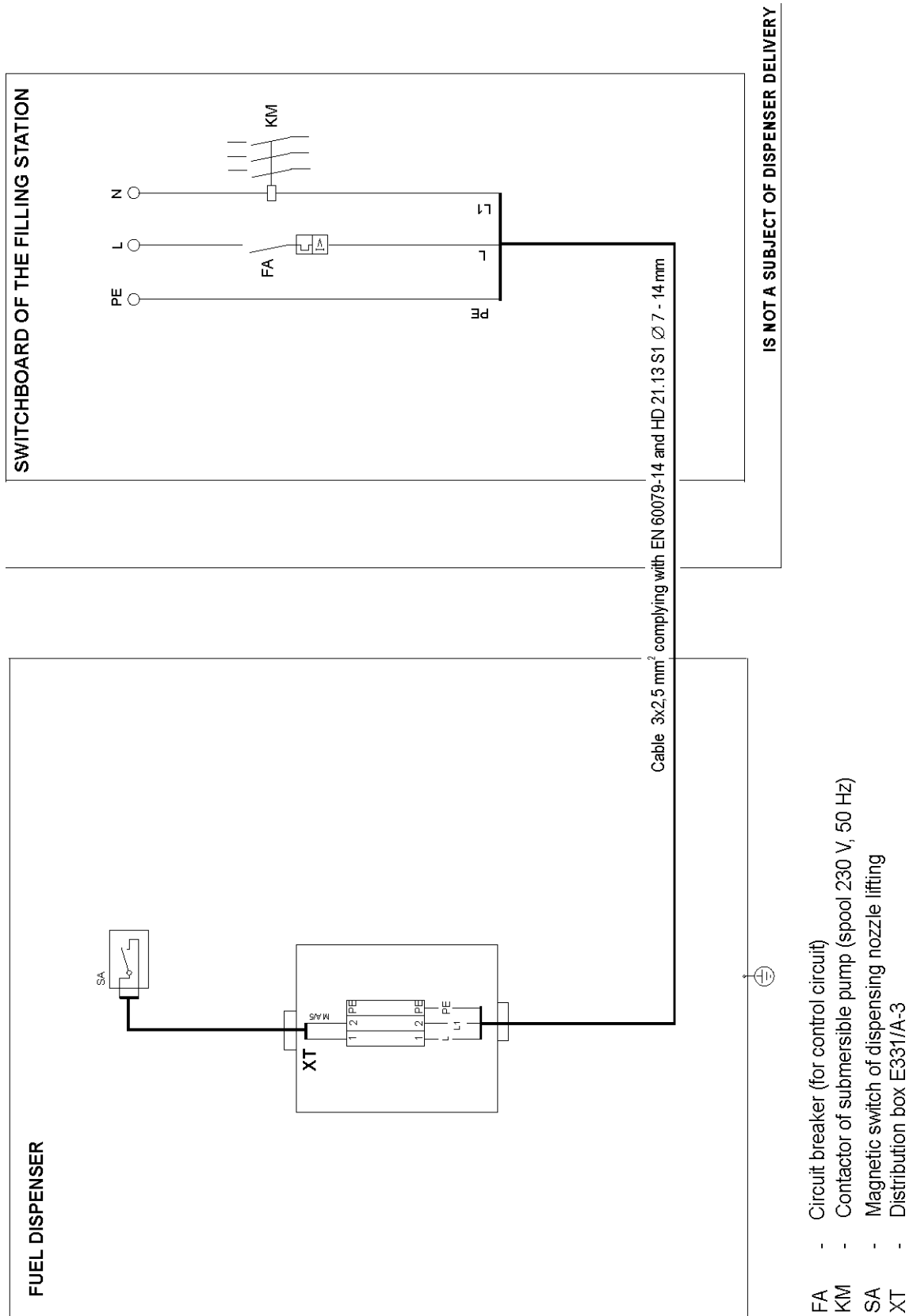
Warning:

- 1) UPS source of ON-LINE type can only be used for the feeding of the filling station control system and the dispenser electronic equipment.
- 2) If the dispenser will be connected to the control system, the ATEX plug in the hole for communication cable must be replaced by the ATEX bushing from fuel dispenser accessories. El. counter shall be set to AUTO operation.

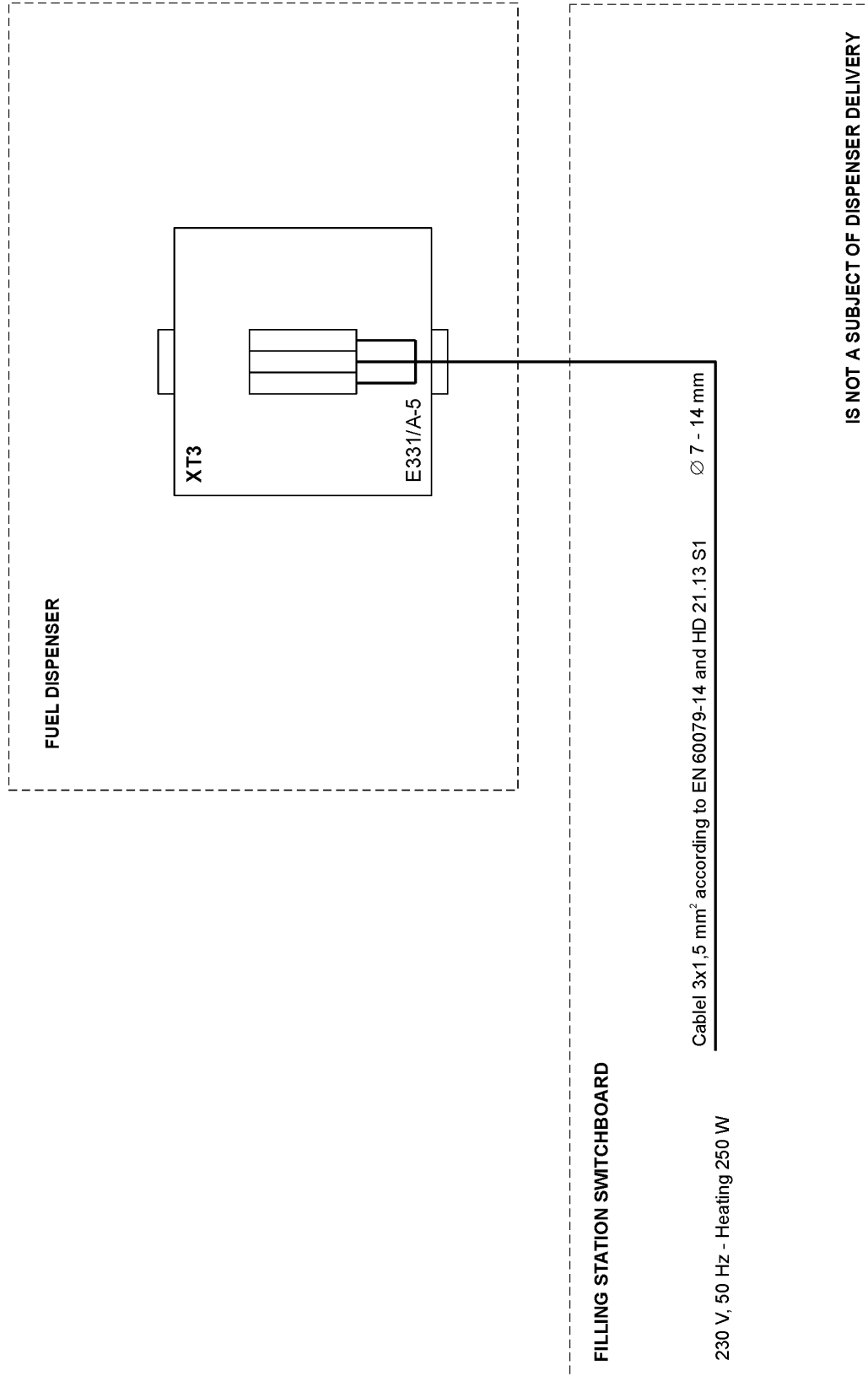
Connection of V - line 899x.6x4/S dispensers with mechanical counter - to the filling station switchboard



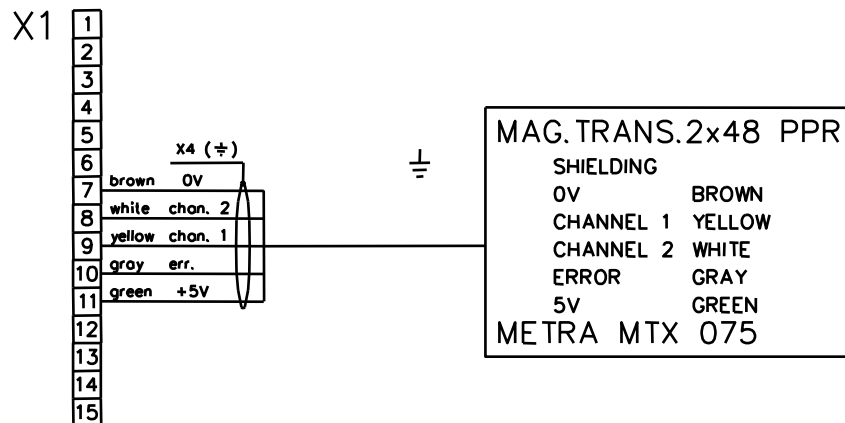
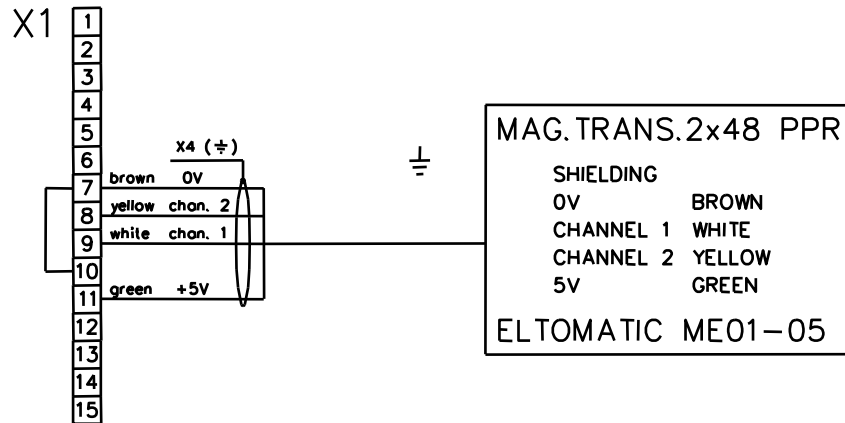
Connection of V-line 899x.6x4/P dispensers without vapour recovery system with mechanical counter to the filling station switchboard



Connection of the fuel dispenser heating
to the filling station switchboard (valid only
for the fuel dispenser with electronic case heating)



Connection of the magnetic pulse transmitter ME 01-05 and MTX 075 to the electronic counter ADP1/L - connector X1



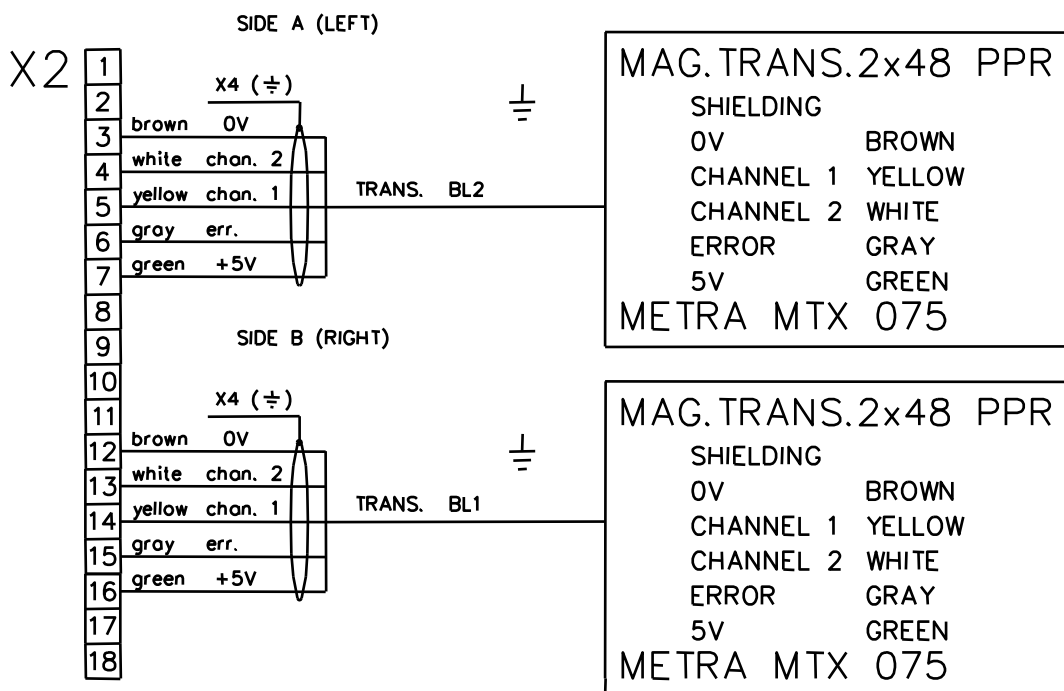
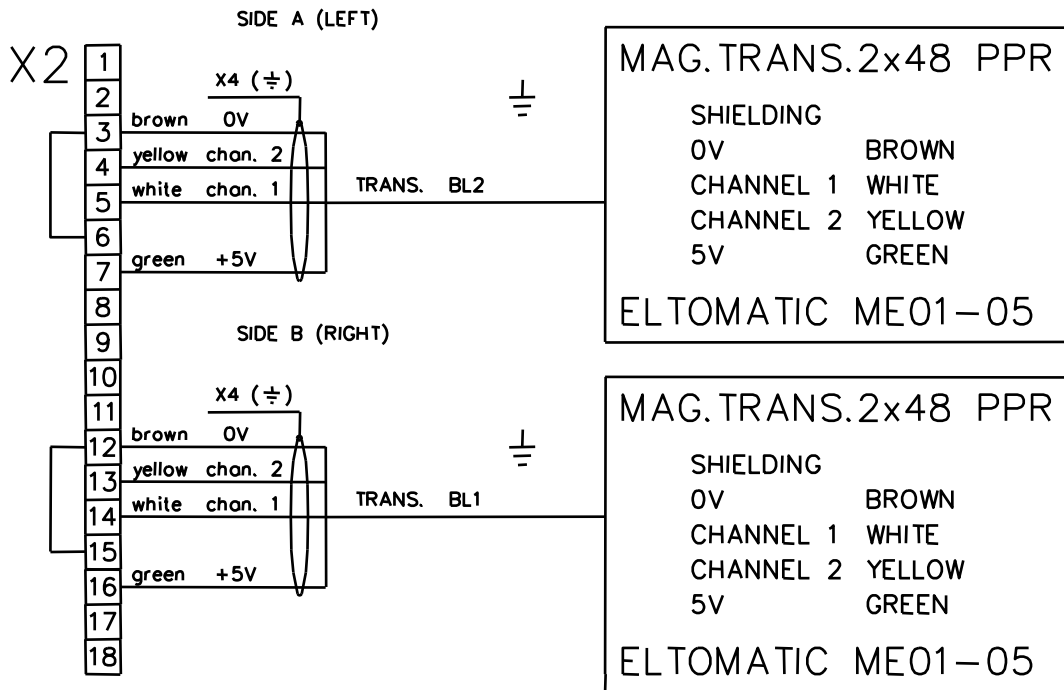
Magnetic pulse transmitter ME 01-05



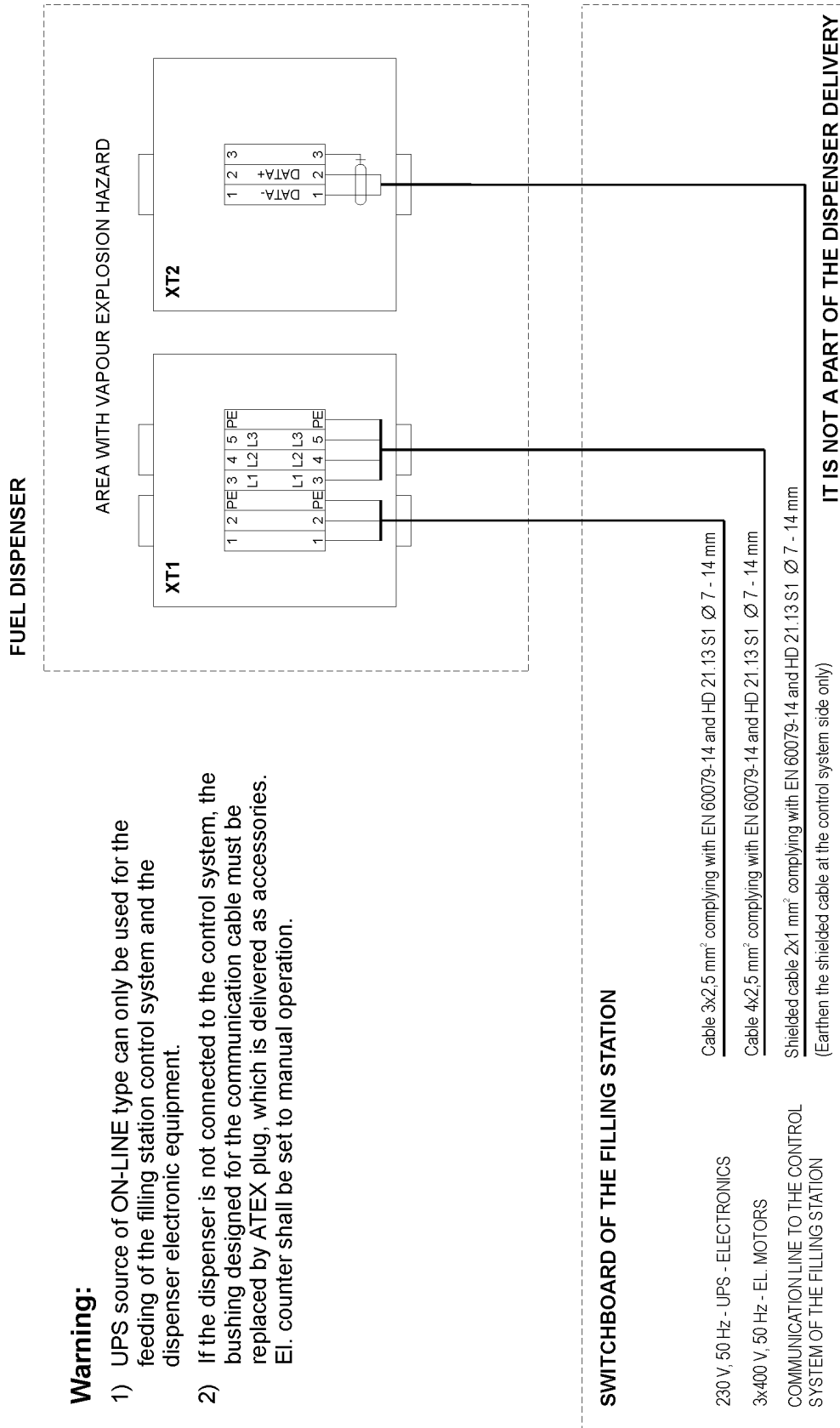
Magnetic pulse transmitter MTX 075



Connection of the magnetic pulse transmitter ME 01-05 and MTX 075 to the electronic counter ADP1/T, ADP2/T - connector X2



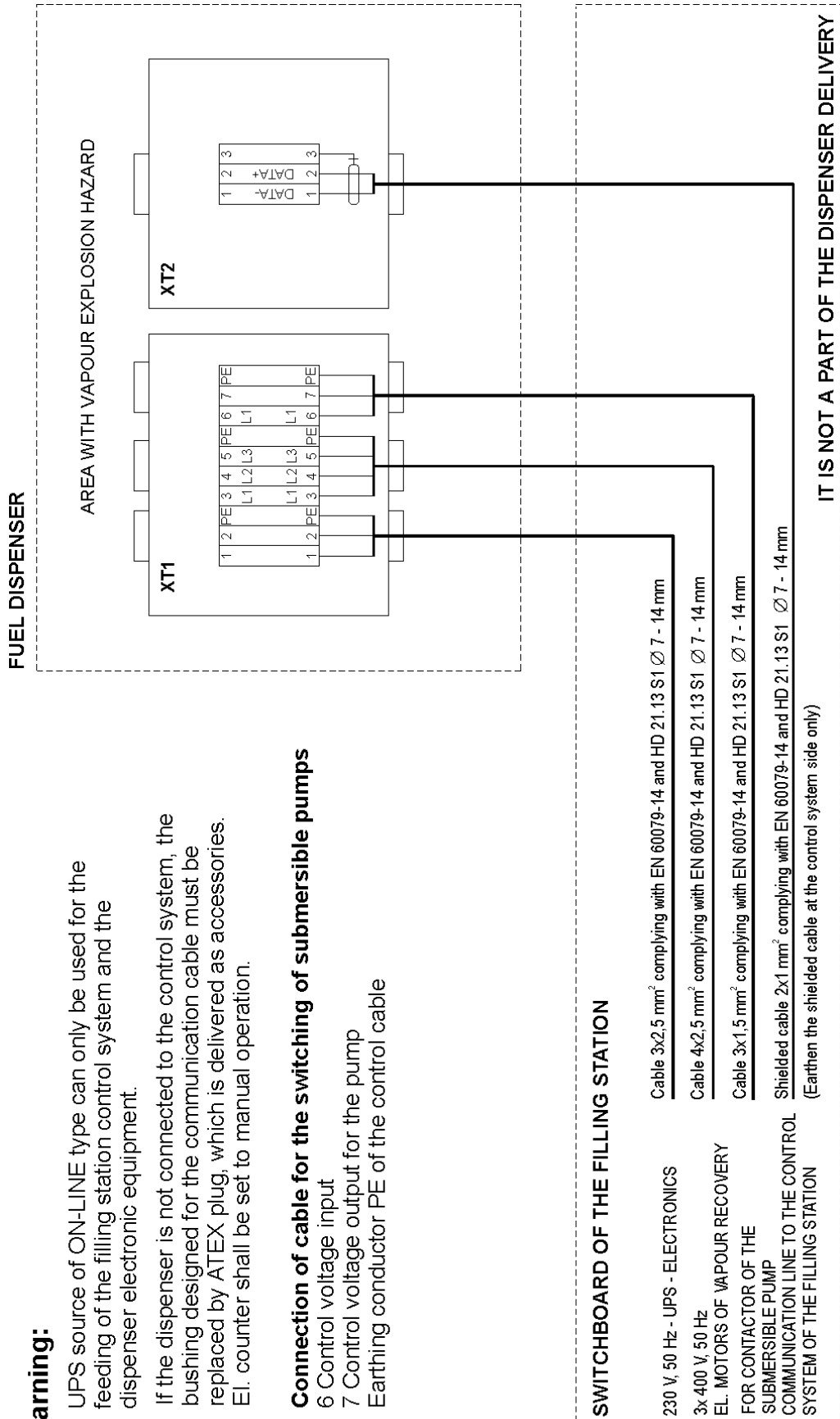
Connection of V-line 899x.xxx/S dispensers to the filling station switchboard



Warning:

- 1) UPS source of ON-LINE type can only be used for the feeding of the filling station control system and the dispenser electronic equipment.
- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. EI. counter shall be set to manual operation.

Connection of V-line 8991.xx2/P, 8993.xx2/P, 8995.xx2/P dispensers with vapour recovery system to the filling station switchboard



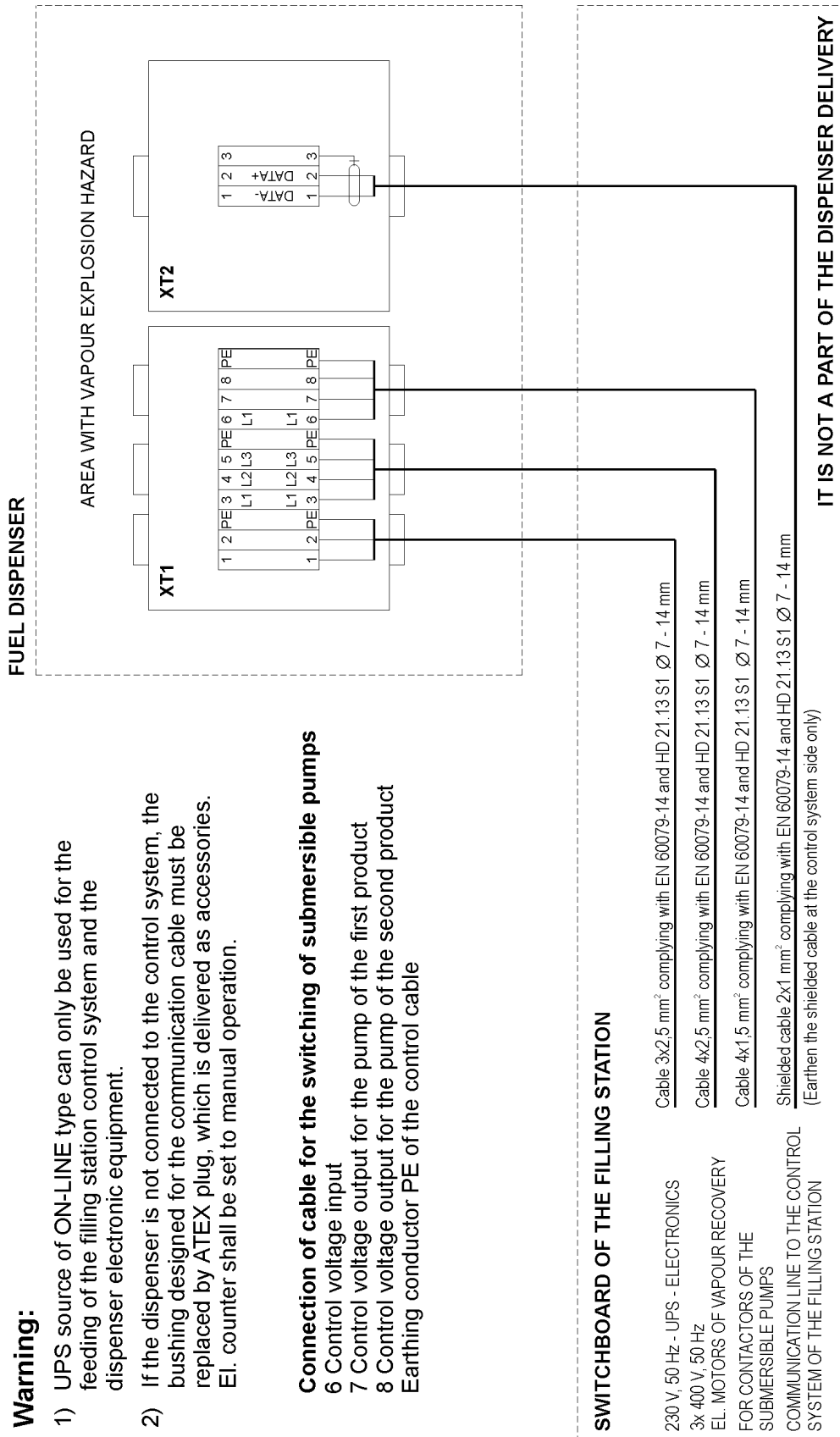
Warning:

- 1) UPS source of ON-LINE type can only be used for the feeding of the filling station control system and the dispenser electronic equipment.
- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. El. counter shall be set to manual operation.

Connection of cable for the switching of submersible pumps

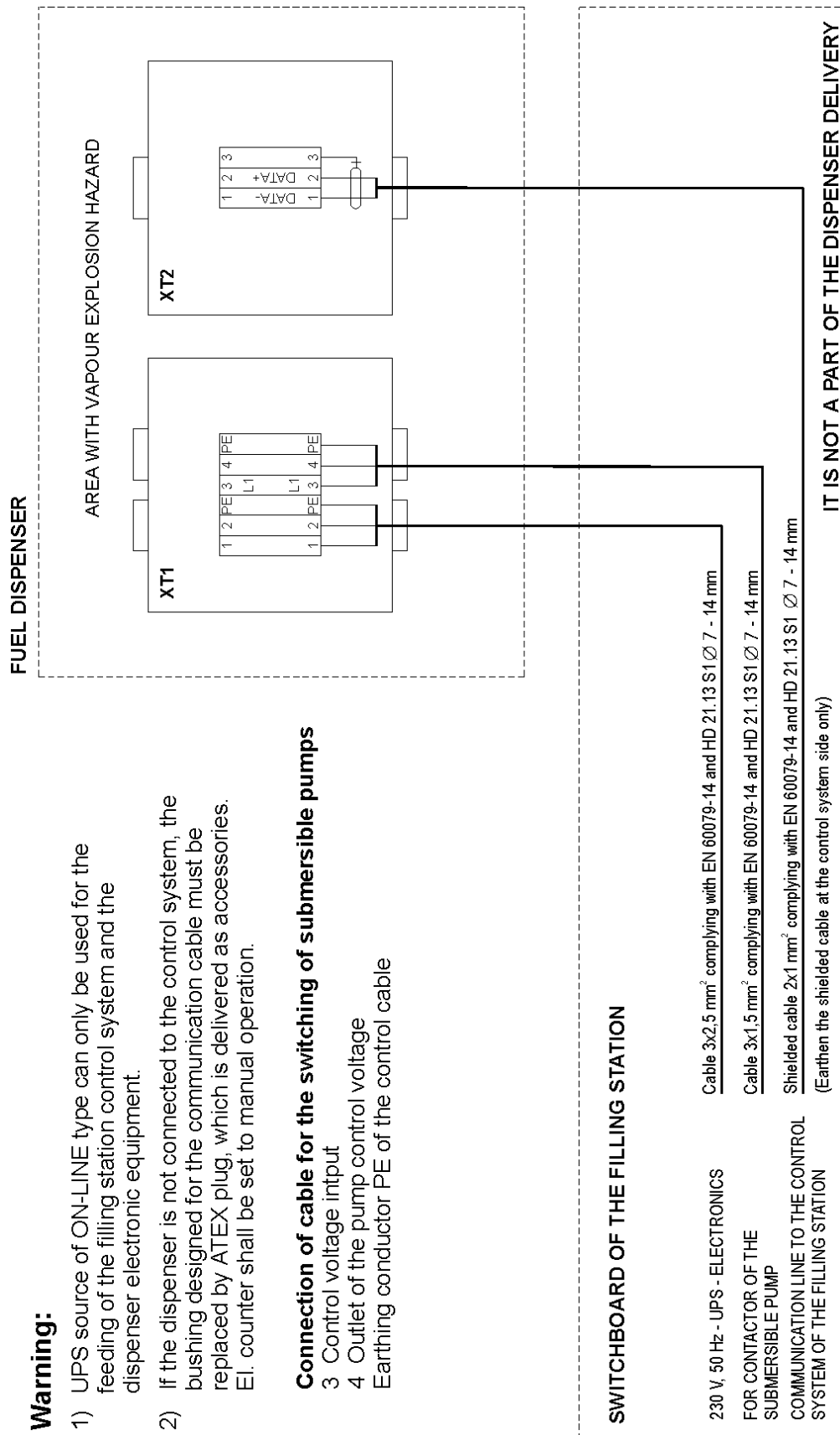
- 6 Control voltage input
 - 7 Control voltage output for the pump
- Earthing conductor PE of the control cable

Connection of V-line 8994.xxx/P, 8996.xxx/P dispensers with vapour recovery system to the filling station switchboard



Connection of V-line 8990.xx2/P, 8991.xx2/P, 8993.xx2/P,

8995.xx2/P, 8997.xx2/P, 8999.xx2/P dispensers without vapour recovery system to the filling station switchboard



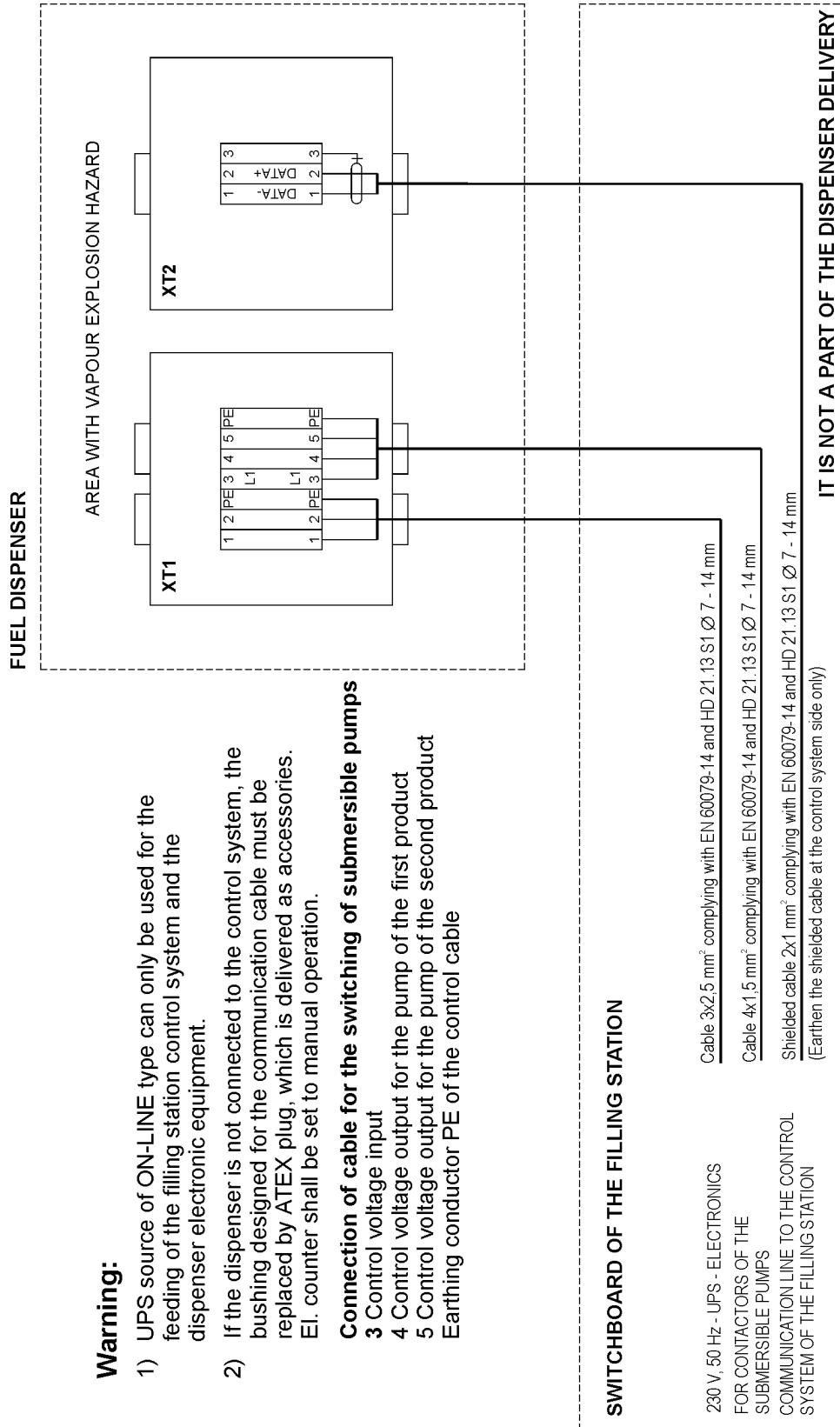
Warning:

- 1) UPS source of ON-LINE type can only be used for the feeding of the filling station control system and the dispenser electronic equipment.
- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. El. counter shall be set to manual operation.

Connection of cable for the switching of submersible pumps

- 3 Control voltage input
 - 4 Outlet of the pump control voltage
- Earthing conductor PE of the control cable

Connection of V-line 8994.xxx/P, 8996.xxx/P, 8998.xxx/P dispensers without vapour recovery system to the filling station switchboard



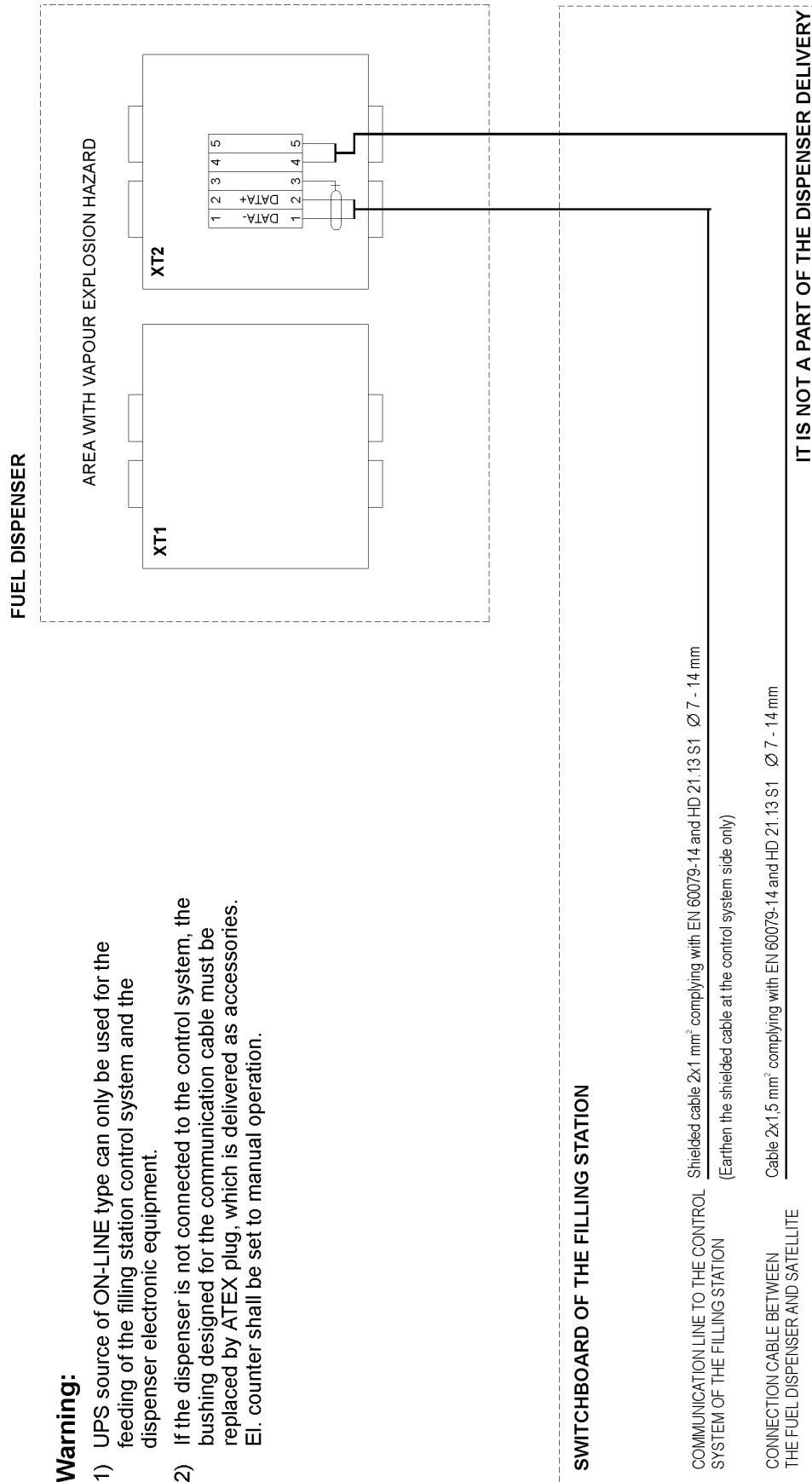
Warning:

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- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. EI. counter shall be set to manual operation.

Connection of cable for the switching of submersible pumps

- 3 Control voltage input
 - 4 Control voltage output for the pump of the first product
 - 5 Control voltage output for the pump of the second product
- Earthing conductor PE of the control cable

Connection of V-line 899x.xxx dispensers with satellite to the filling station switchboard



Warning:

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- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. EI. counter shall be set to manual operation.

EC DECLARATION OF CONFORMITY



Manufacturer: Adast Systems, a.s.
Address: Mírová 2, 679 04 Adamov
Czech Republic


Name of product: FUEL DISPENSER V-line 899x.xxx

Description of product: Fuel dispensers type series V-line 899x.xxx are destined to dispensing liquid fuel with dynamic viscosity up to 20 mPa.s - gasoline, diesel, biodiesel B 10 to B 100 - mixture of diesel with FAME (Fatty Acid Methyl Ester) and mixture gasoline with ethanol (E 10 to E 85).

We declare on our exclusive responsibility that the product is, subjected to the conditions of correct installation, standard and given application and maintenance, safe for the specified purpose, measures have been taken to ensure compliance with requirements of Directives of the European parliament and the Council:

CE 1026	CE 1383
Directive 94/9/EC of the European parliament and the Council	Directive 2004/22/EC of the European parliament and the Council
Directive 98/37/EC of the European parliament and the Council	Directive 2004/108/EC of the European parliament and the Council
Directive 2006/95/EC of the European parliament and the Council	

Compliance assessment was made in cooperation with the Notified bodies:

CE 1026	CE 1383
Fyzikálně technický zkušební ústav, s.p. Pikartská 7, 716 07 Ostrava – Radvanice, Notified Body No. 1026	Český metrologický institut Okružní 31, 638 00 Brno Notified Body No. 1383
EC-Type Examination Certificate: FTZÚ 05 ATEX 0185	EC-Type Examination Certificate: TCM 141/07 - 4505
Marking of the equipment:  II 2G IIA T3 Regular inspection of production quality assurance according to Annexes IV and VII of the Directive 94/9/EC of the European Parliament and the Council executes FTZÚ, s.p., Ostrava – Radvanice, Notified Body No. 1026.	The producer is competent for "The Declaration of Conformity" with the type based on production quality assurance of measuring units according to Annex D of the Directive of European Parliament and the Council 2004/22/EC.
Quality Assurance Notification: No. FTZÚ 02 ATEX Q 020	Certificate of the Quality Management System for production, check-out and testing: No. 0119-SJ-C007-07

The product is in conformity with following standards conformable with provisions of 94/9/EC, 98/37/EC, 2006/95/EC, 2004/108/EC, 2004/22/EC Directives:

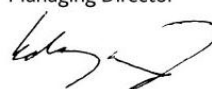
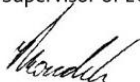
Directive 94/9/ES, Directive 98/37/ES	Directive 2006/95/ES	Directive 2004/108/ES, Directive 2004/22/ES
EN 13617-1	EN 61010-1	EN 55011 ed. 2 EN 55022 ed. 2 EN 61326-1 EN 61000-3-2 ed. 3 EN 61000-4-2 EN 61000-4-3 ed. 3 EN 61000-4-4 ed. 2 EN 61000-4-11 ed. 2

Name and signature of the authorised representative of the manufacturer:

Name: Ing. Jiří Štouděk
Position: Supervisor of EC Konformity assessment station

Ing. David Kotajný, MBA
Managing Director

Signature:



Date: 1 December 2008