



WIRING SYSTEM

Connection of dispensers
to the filling station switchboard

ADAST Minor
ADAST Popular

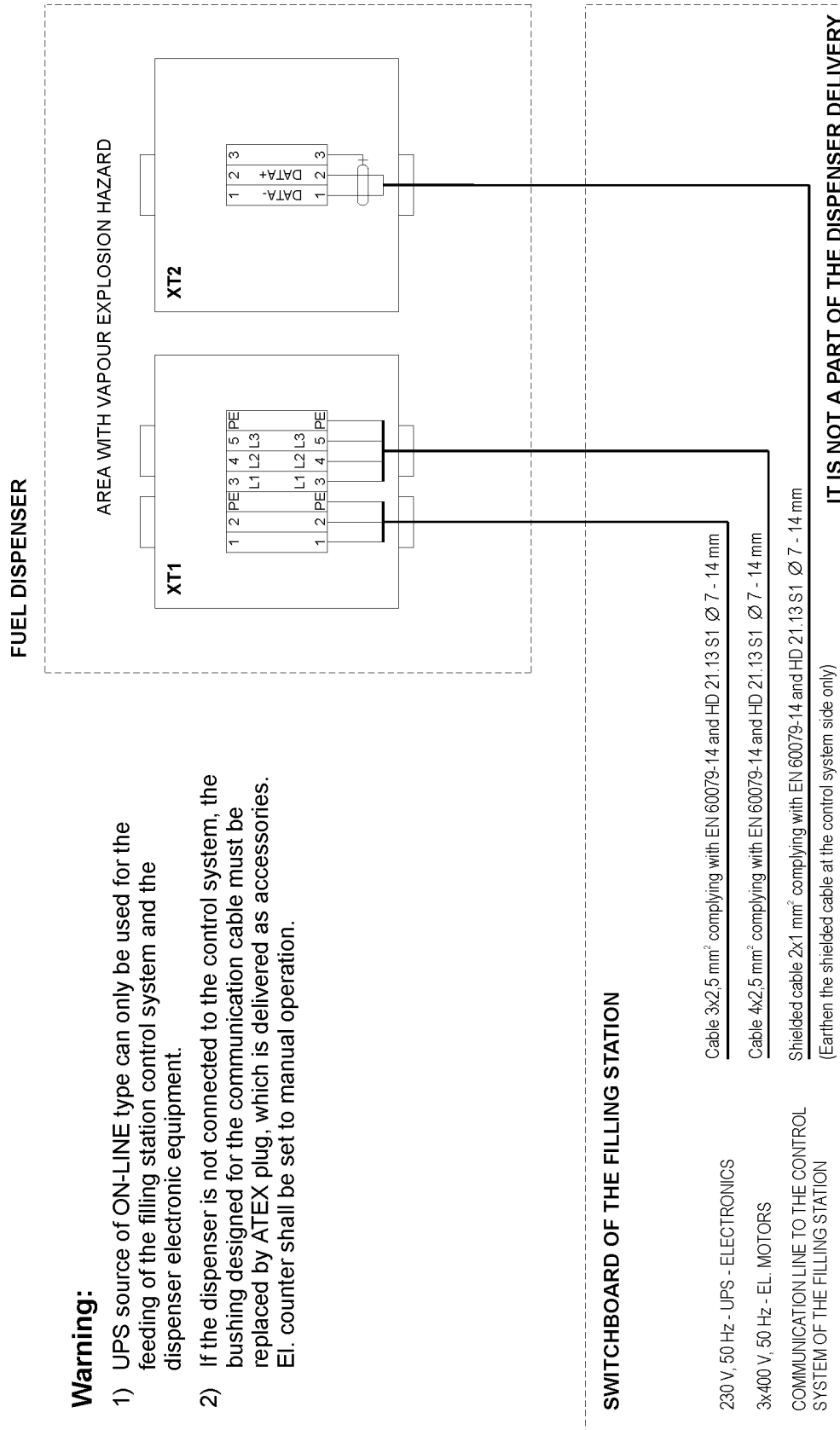
V-line 89xx.xxx

Fuel Dispenser with Suction or Pressure
Pumping System



CE 1026

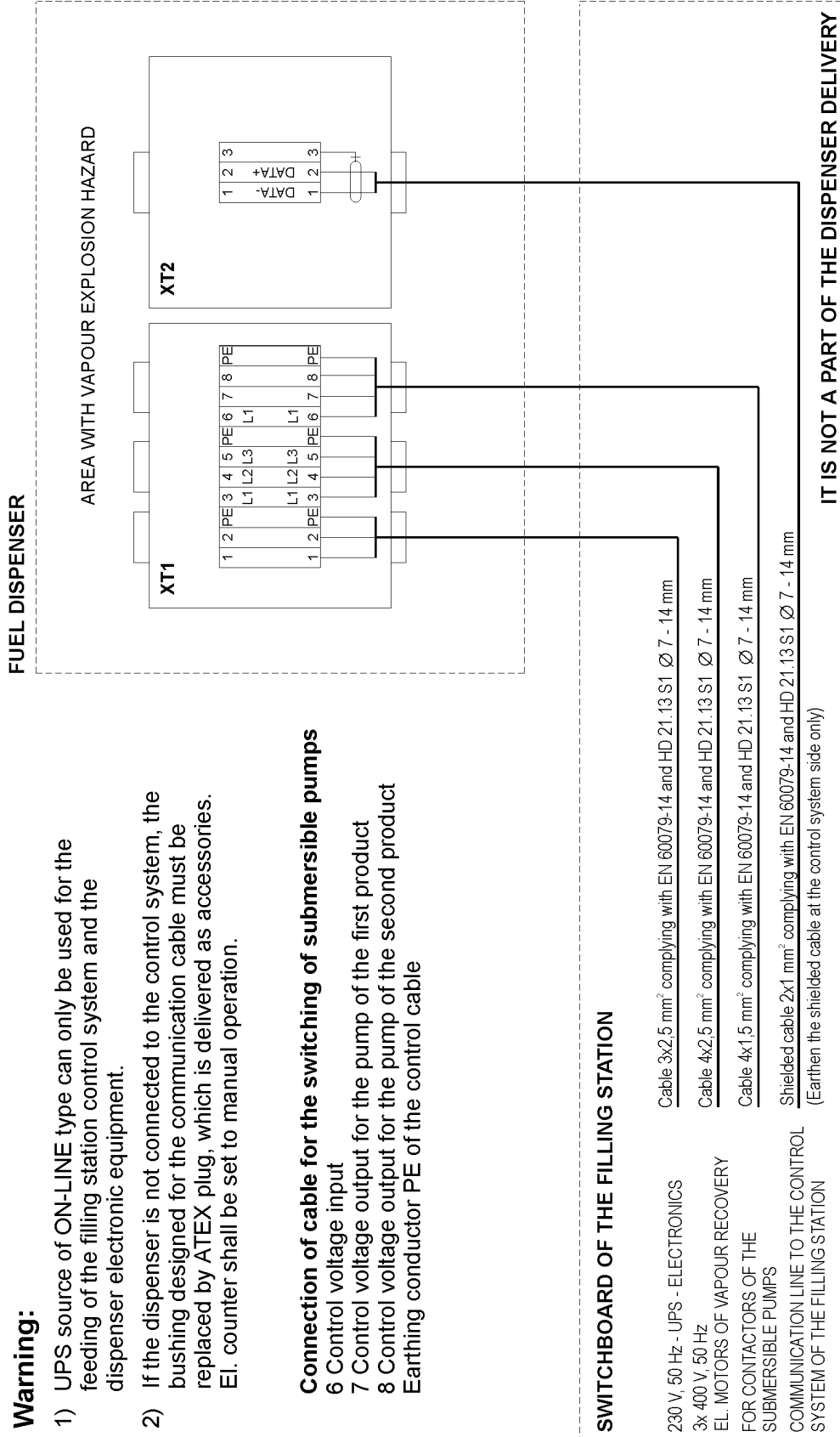
Connection of V-line 899x.xxx/S dispensers to the filling station switchboard



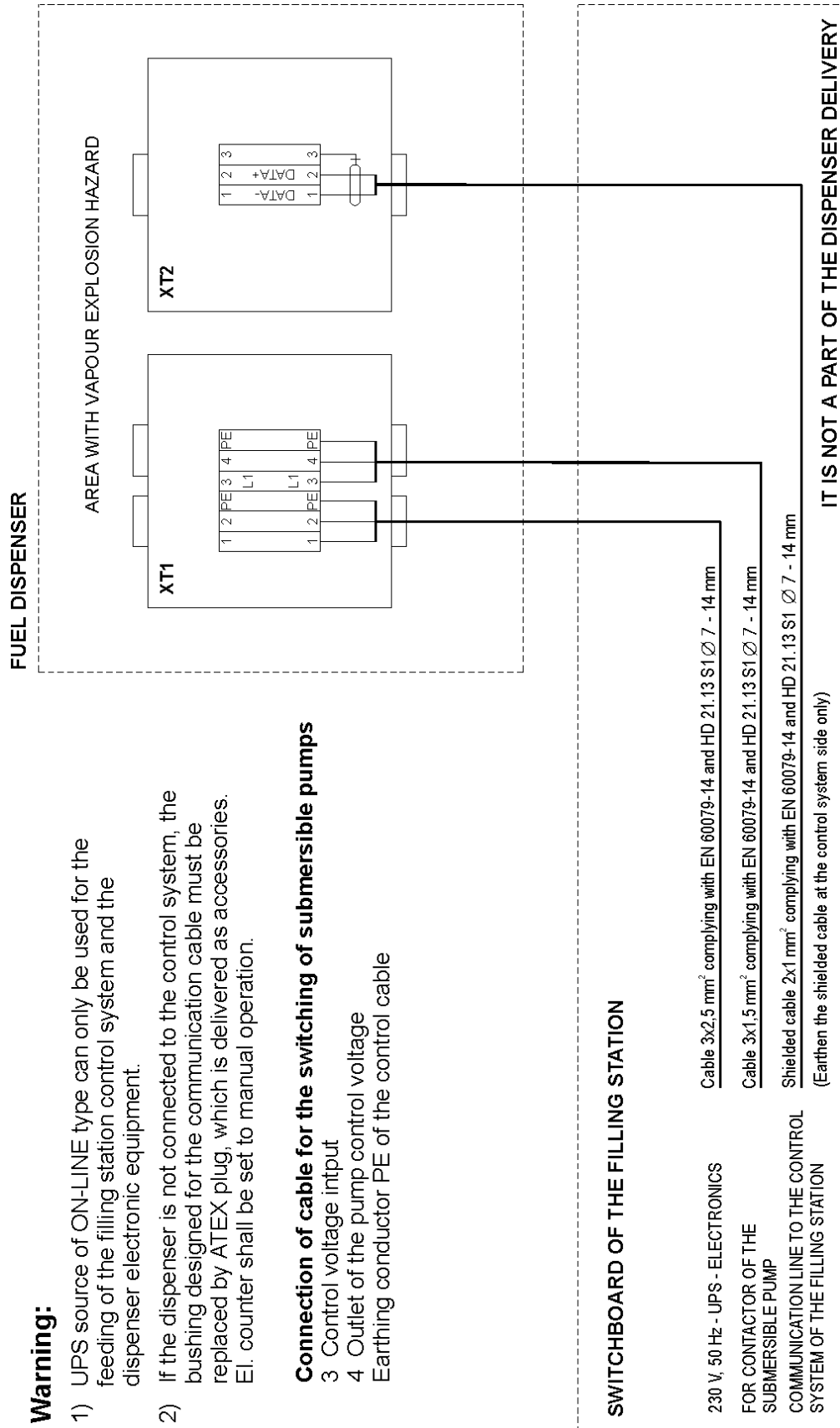
Warning:

- 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. El. counter shall be set to manual operation.

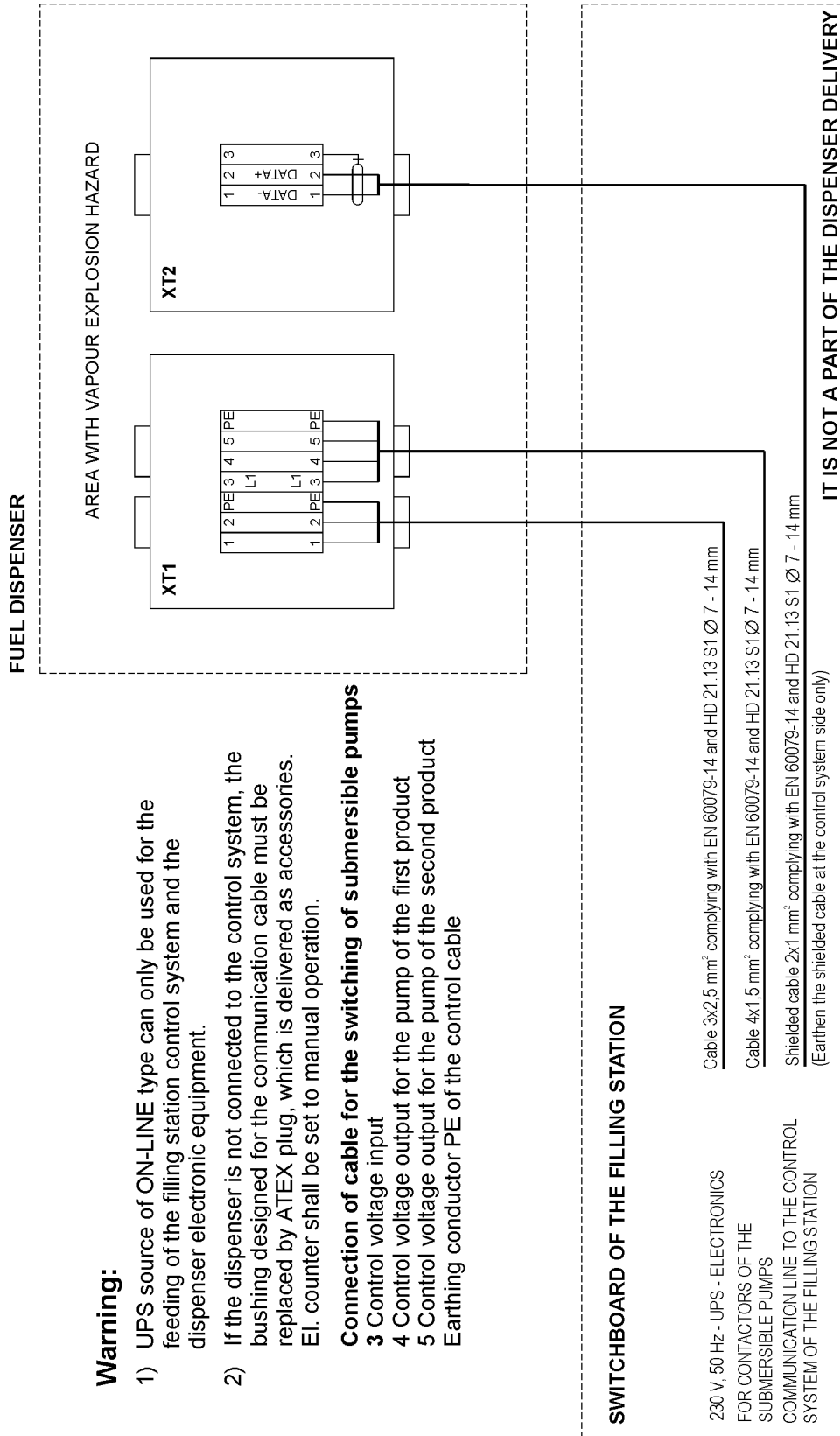
Connection of V-line 8994.xxx/P, 8996.xxx/P dispensers with vapour recovery system to the filling station switchboard



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



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



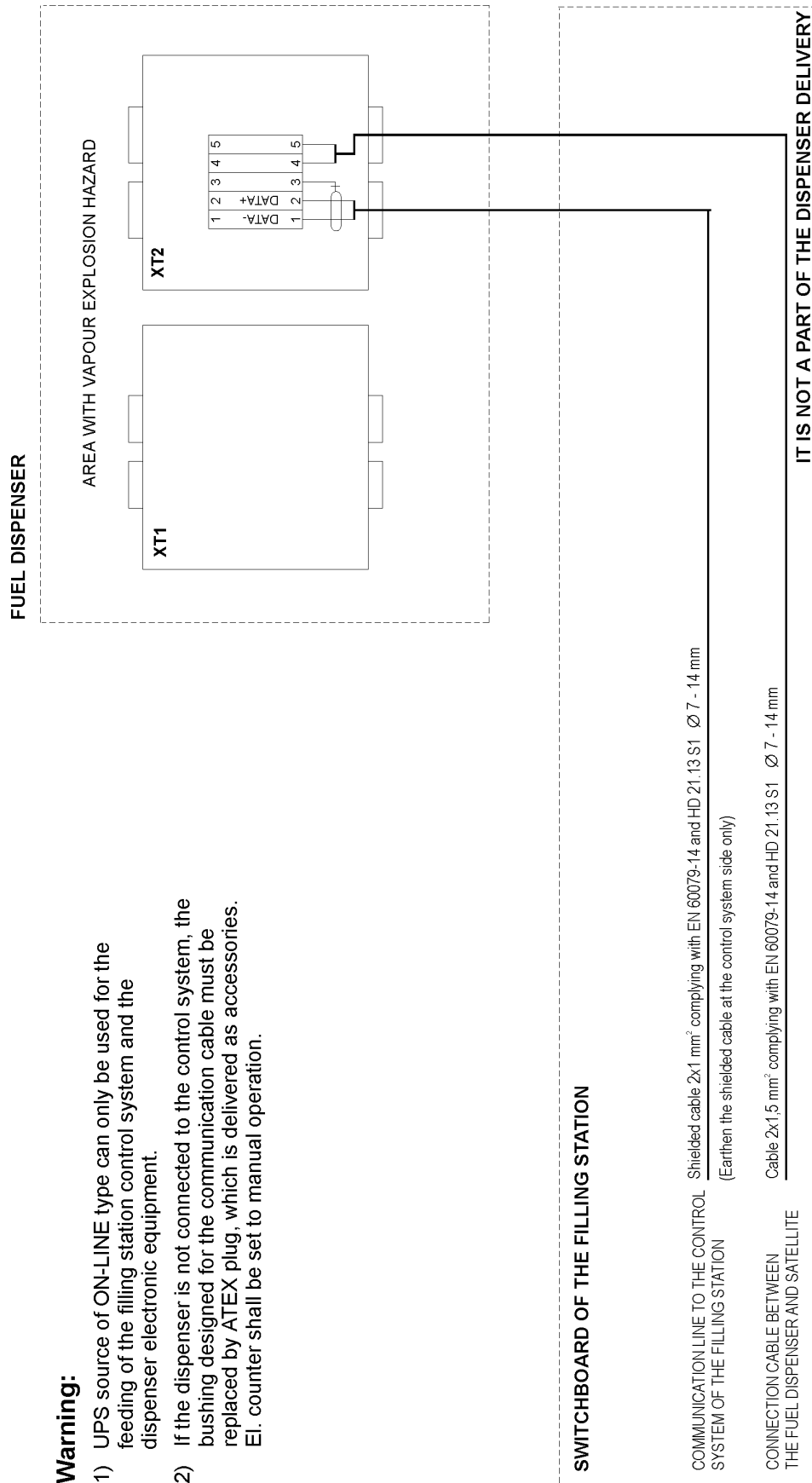
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- 2) If the dispenser is not connected to the control system, the bushing designed for the communication cable must be replaced by ATEX plug, which is delivered as accessories. EI. counter shall be set to manual operation.

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

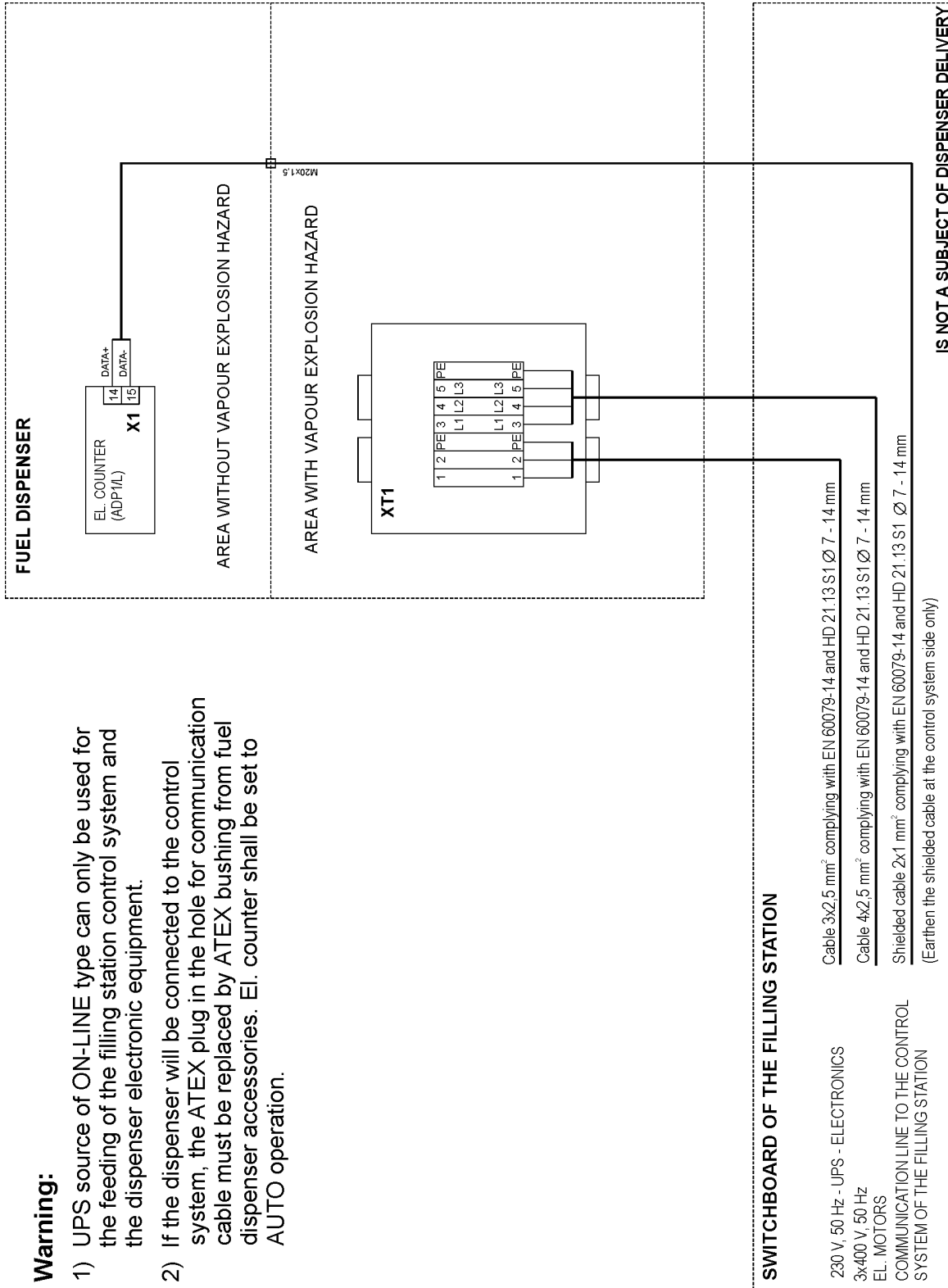
Connection of V-line 899x.xxx dispensers with satellite to the filling station switchboard



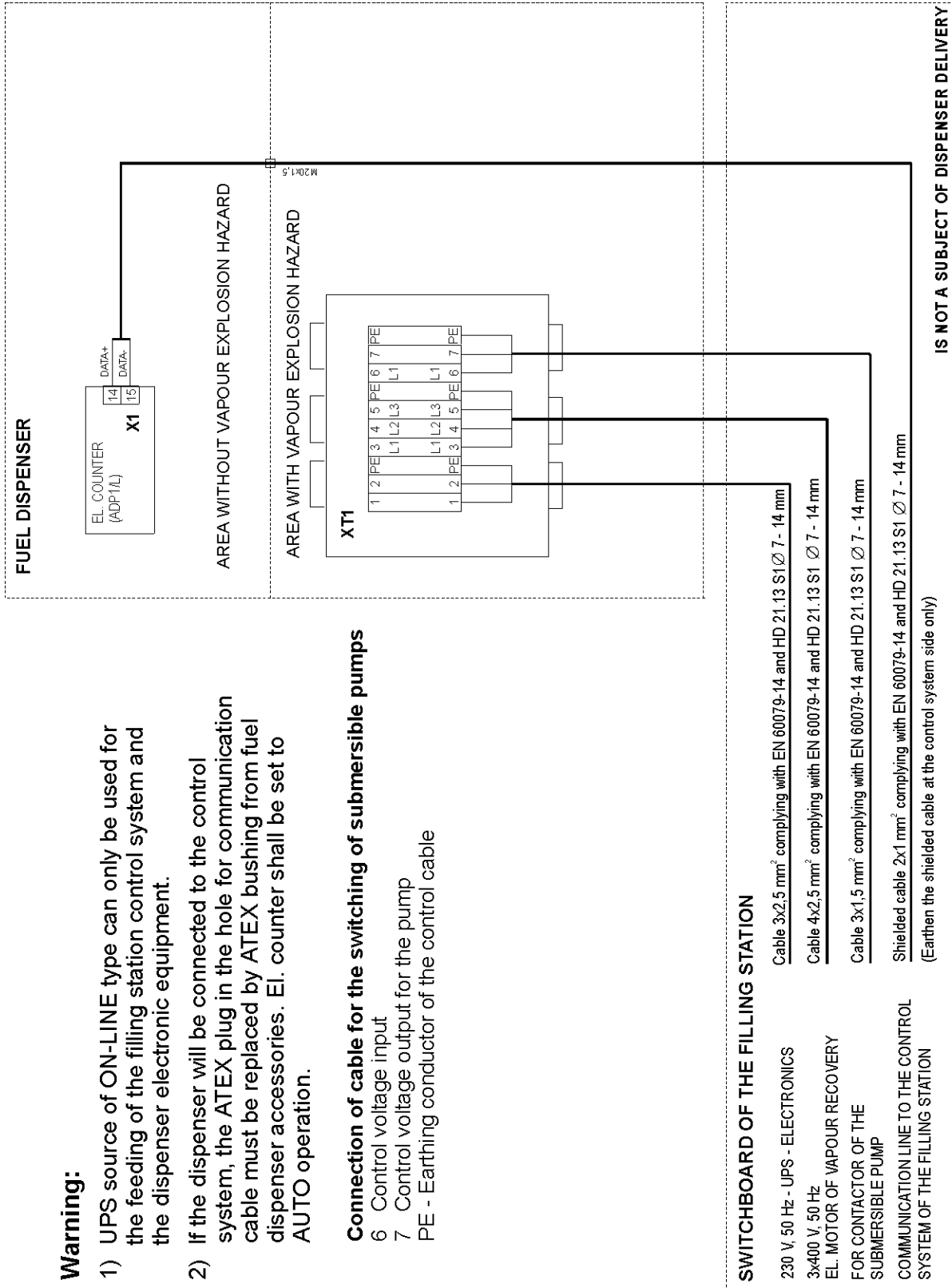
Warning:

- 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 899x.6x3/S dispensers with ADP1/L counter to the filling station switchboard



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



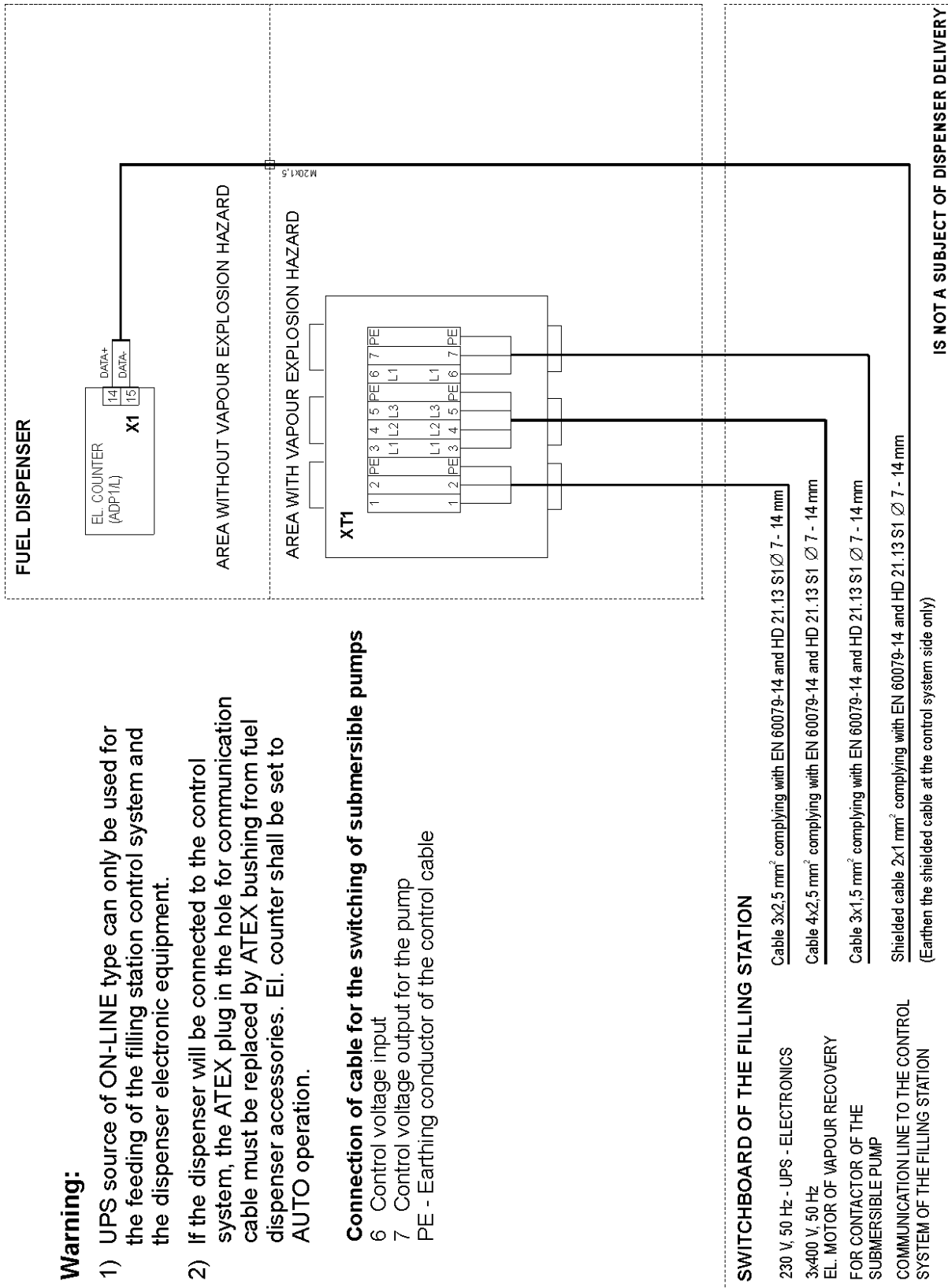
Warning:

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

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



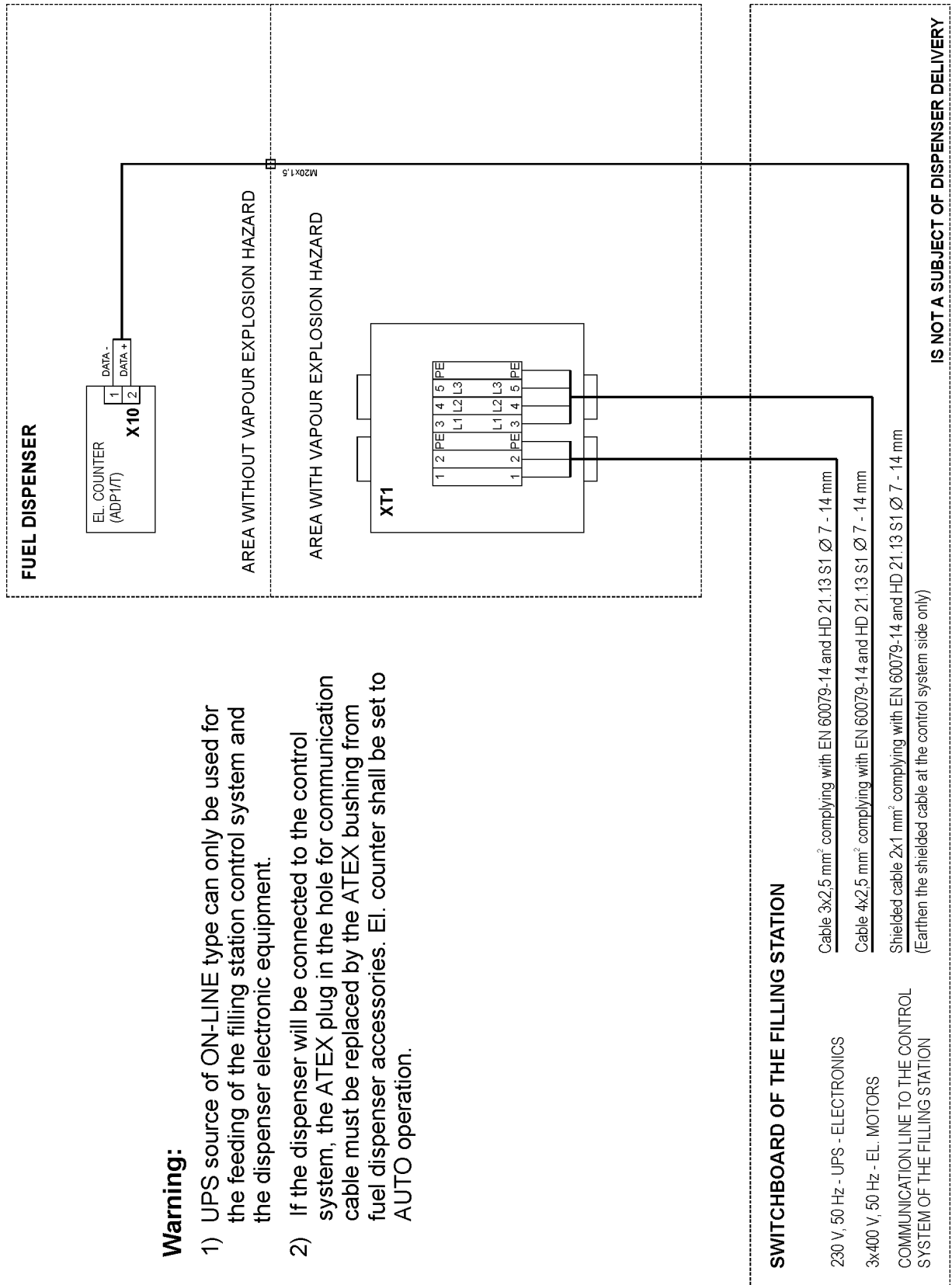
Warning:

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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 ATEX bushing from fuel dispenser accessories. EI. counter shall be set to AUTO operation.

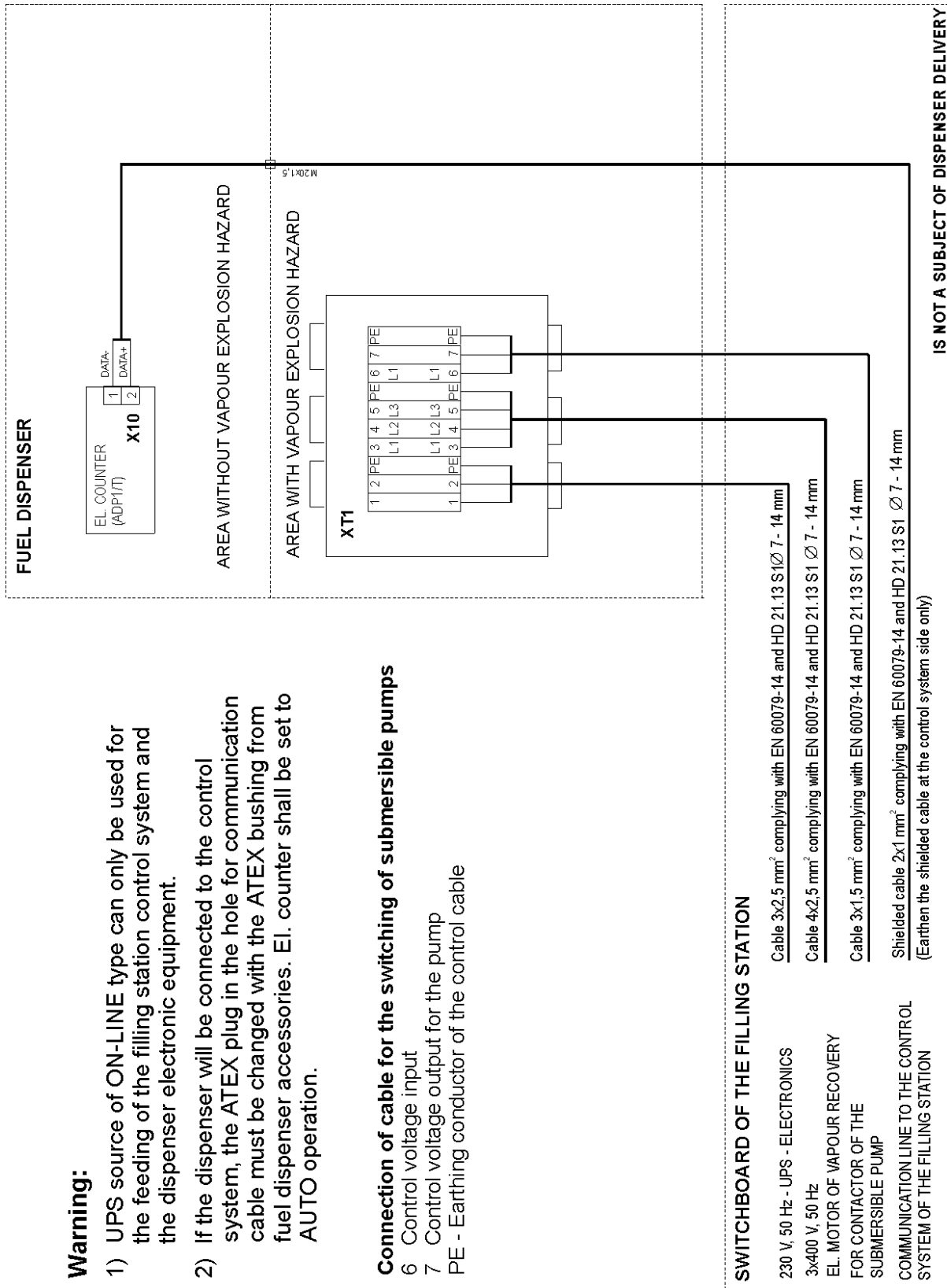
Connection of cable for the switching of submersible pumps

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

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



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



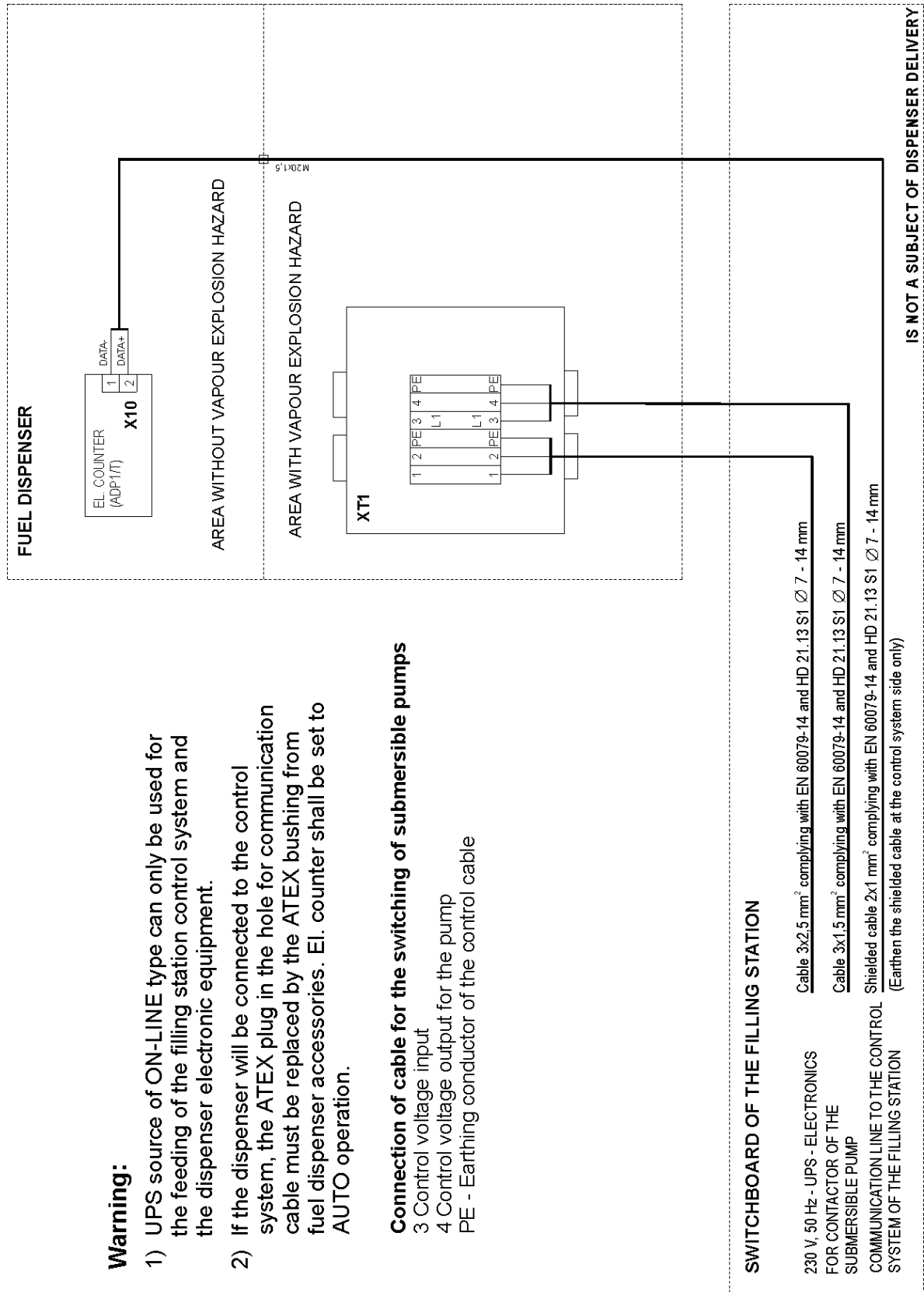
Warning:

- 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 changed with the 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 dispensers without vapour recovery system and with ADP1/T counter to the filling station switchboard



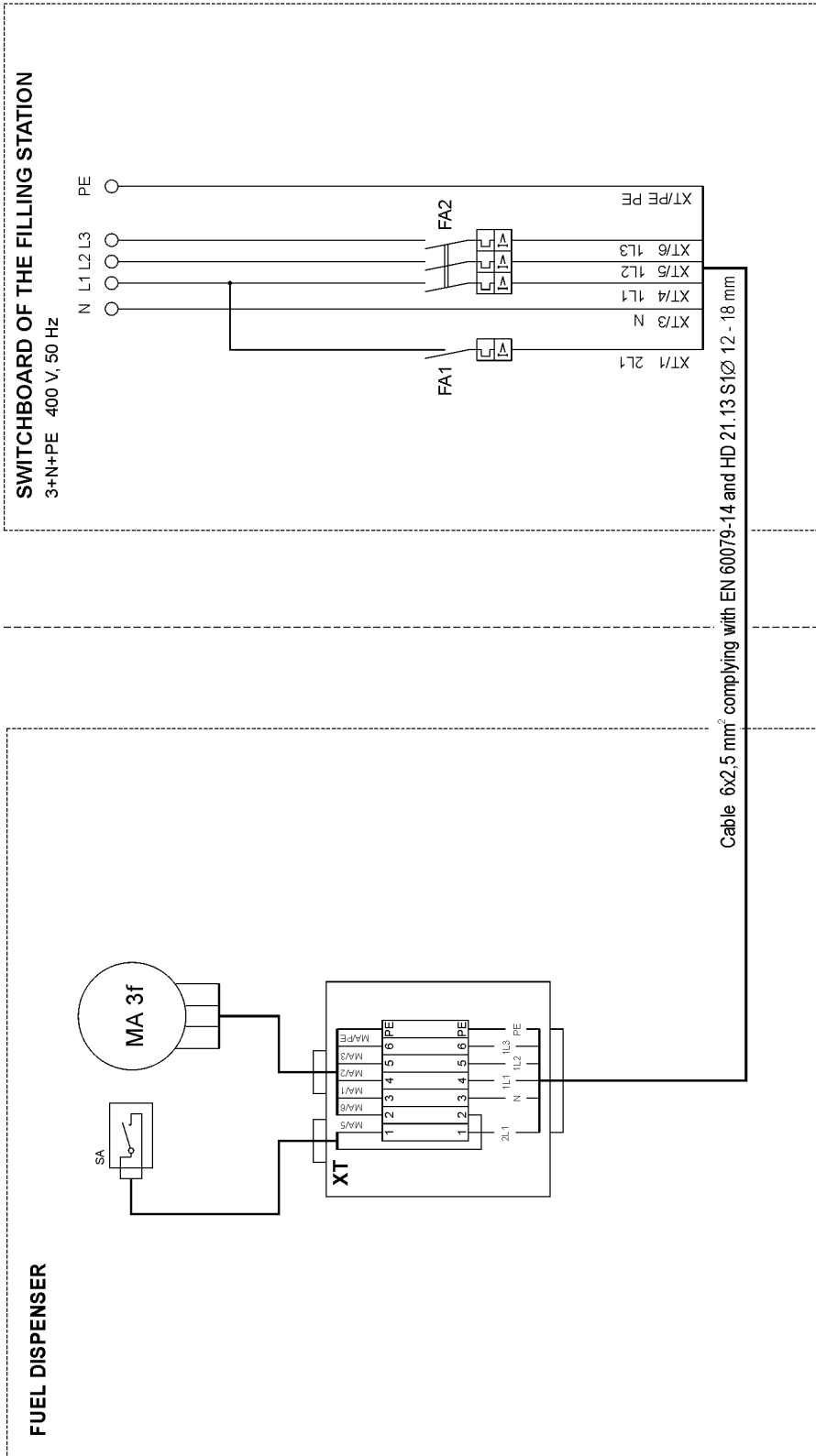
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- 2) If the dispenser will be connected to the control system, the ATEX plug in the hole for communication cable must be replaced by the ATEX bushing from fuel dispenser accessories. EI. counter shall be set to AUTO operation.

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

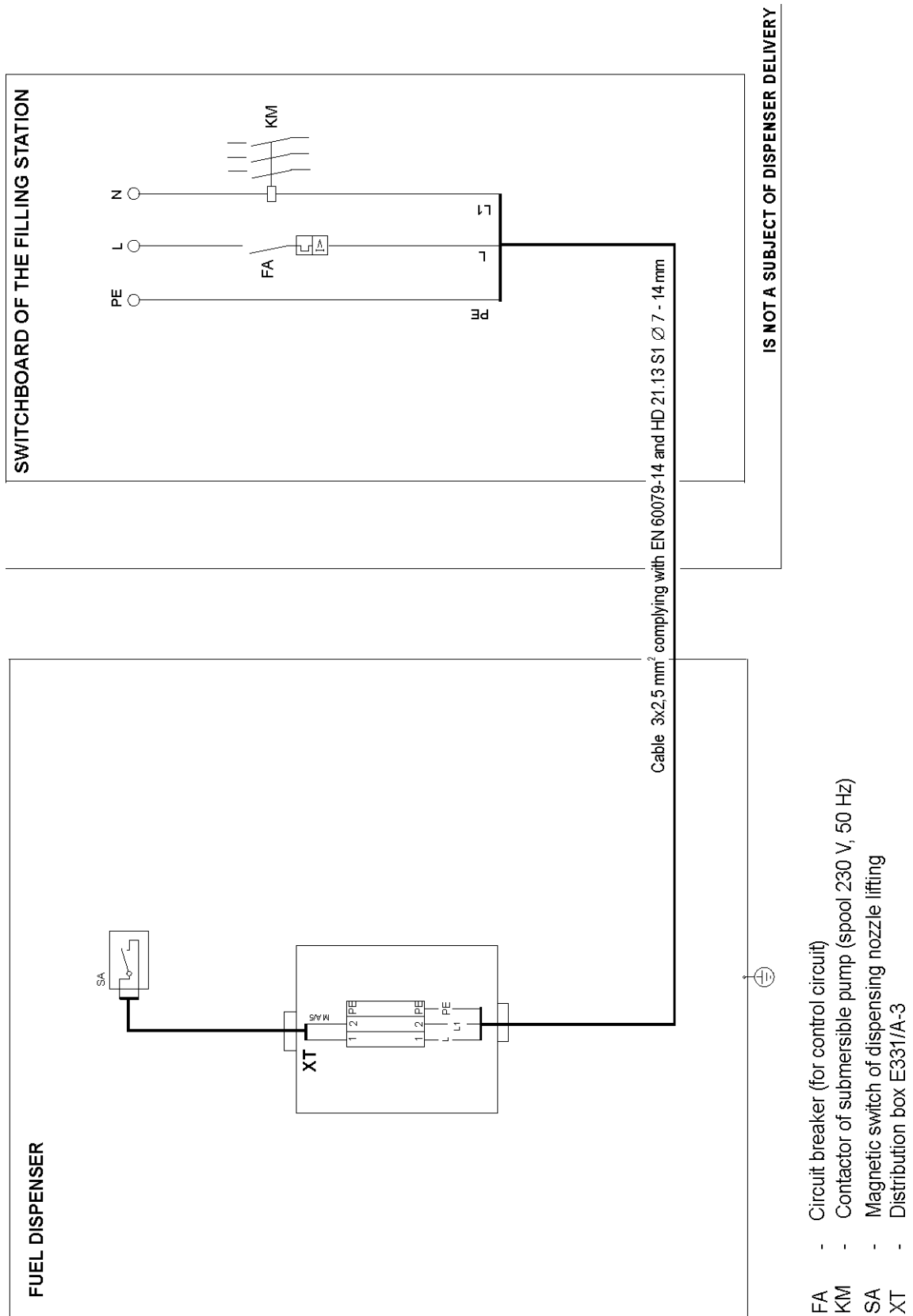
Connection of V - line 899x.6x4/S dispensers with mechanical counter to the filling station switchboard



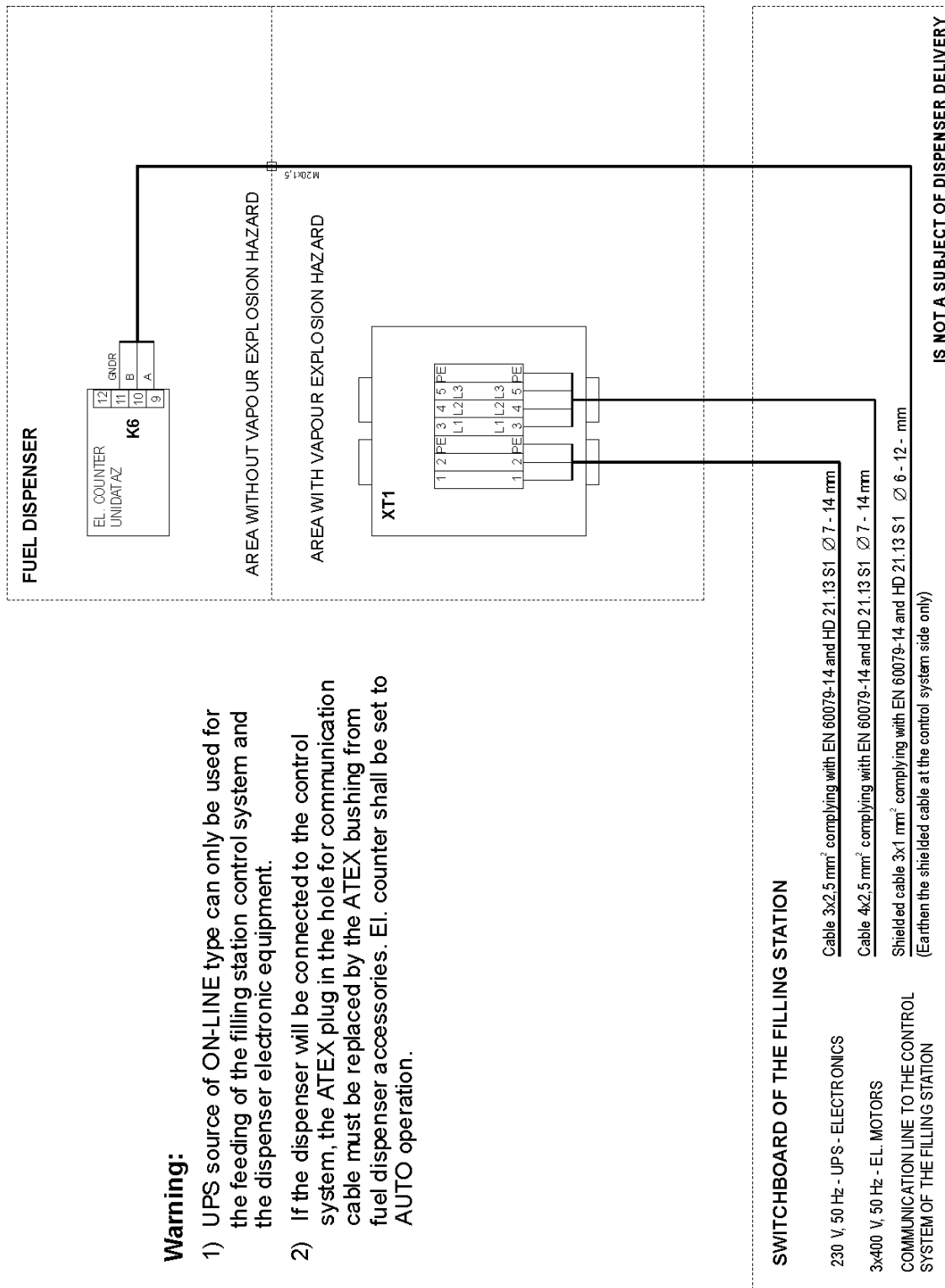
IS NOT A SUBJECT OF DISPENSER DELIVERY

- FA1 - Circuit breaker (for control circuit)
- FA2 - Circuit breaker (for el. motor)
- MA 3f - El. motor (RAEL, ELNOR) with integrated thermal protection
0,55 kW; 400 V; 50 Hz (for 8991.614/3)
El. motor (RAEL, ELNOR) with integrated thermal protection
1,1 kW; 400 V; 50 Hz (for 8997.614/3)
- SA - Magnetic switch of dispensing nozzle lifting
- XT - Distribution box E331/A-2

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



Connection of V-line 8991.x83/CA/xxx a V-line 8997.x83/CA/xxx dispensers 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.



EC DECLARATION OF CONFORMITY



Manufacturer: ADAMOV – SYSTEMS, a.s.

Address: Mírová 2, 679 04 Adamov
Czech Republic

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

Description of product: Fuel dispensers, type series V-line 899x.xxx are intended for dispensing of liquid oil product – gasoline, diesel oil and jet fuel.

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 M 07 1383
Directive 94/9/EC of the European parliament and the Council Directive 98/37/EC of the European parliament and the Council Directive 73/23/EEC of the Council	Directive 2004/22/EC of the European parliament and the Council Directive 89/336/EEC of the Council

Compliance assessment was made in cooperation with Notified body:

CE 1026	CE M 07 1383
Physical Technical Testing Institute 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 06 ATEX 0185	EC-Type Examination Certificate: TCM 141/07 - 4505

The product is in conformity with following standards conformable with provisions of 94/9/EC, 98/37/EC, 89/336/EEC, 73/23/EEC, 2004/22/EC Directives:

Directive 94/9/EC, 98/37/EC	Directive 89/336/EEC, 73/23/EEC	Directive 2004/22/EC
EN 13617-1	EN 55011 OIML R 117 Edition 1995 (E) EN 55022 OIML R 118 Edition 1995 (E) EN 61326-1 OIML D 11 Edition 2004 (E) EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-11 EN 61010-1	OIML R 118 Edition 1995 (E) OIML R 117 Edition 1995 (E) OIML D 11 Edition 2004 (E)

Name and signature of the authorised representative of the manufacturer:

Name: Ing. Jiří Štouděk
Position: Supervisor of Conformity
assessment station

Ing. David Kotajný
Managing Director

Signature:

Date: 23 March 2007