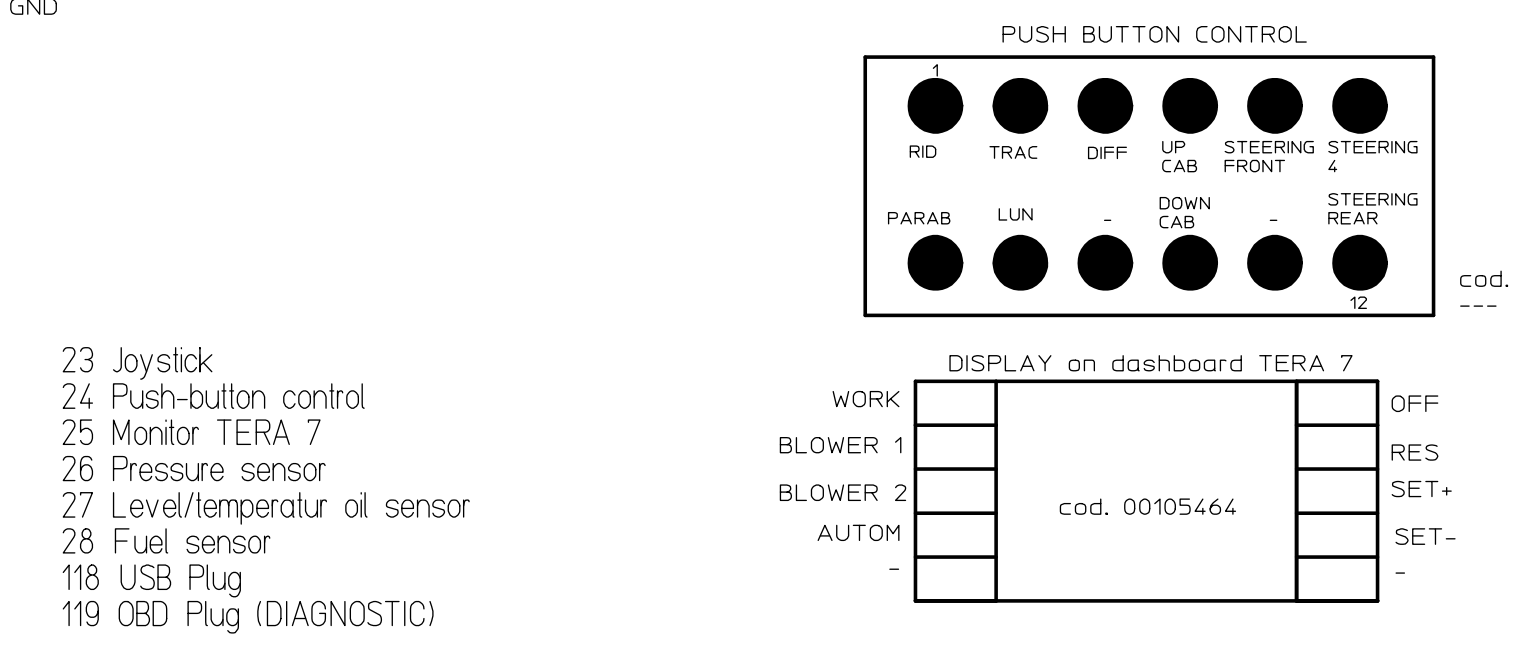
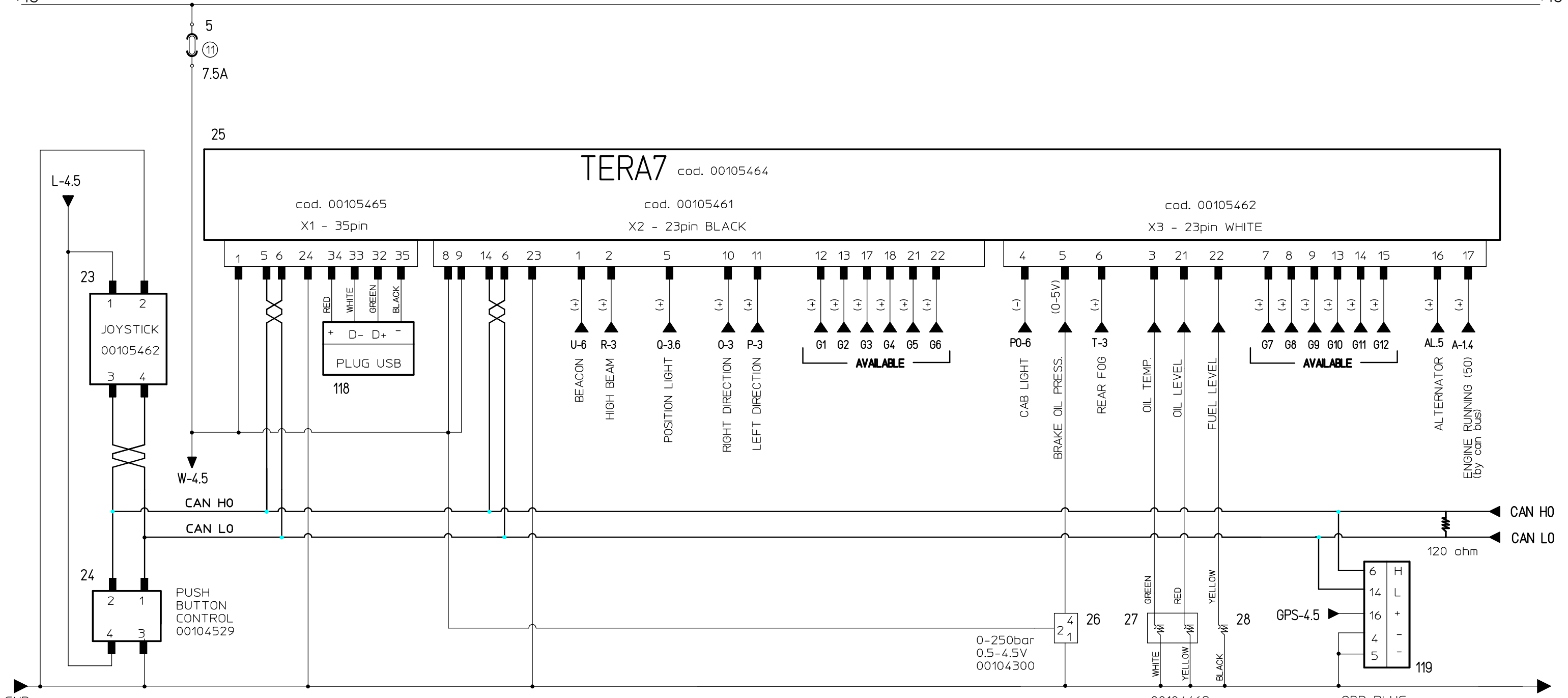


- 1 Cut-off battery
- 2 Batterie
- 3 Cut-off battery switch
- 4 Ignition key
- 5 Fuse
- 6 Main relay
- 7 Oil exchanger relay
- 8 Oil exchanger thermostat
- 9 Oil exchanger
- 10 Heater rear window relay
- 11 Heater rear window
- 12 Heater windshield and lateral window
- 13 Left heater lateral window relay
- 14 Left heater lateral window
- 15 Right heater lateral window relay
- 16 Right heater lateral window
- 17 Left heater windshield
- 18 Right heater windshield
- 19 Radio transformer (12V)
- 20 Heater cab
- 21 Heater cab control panel
- 22 Pump heater cab

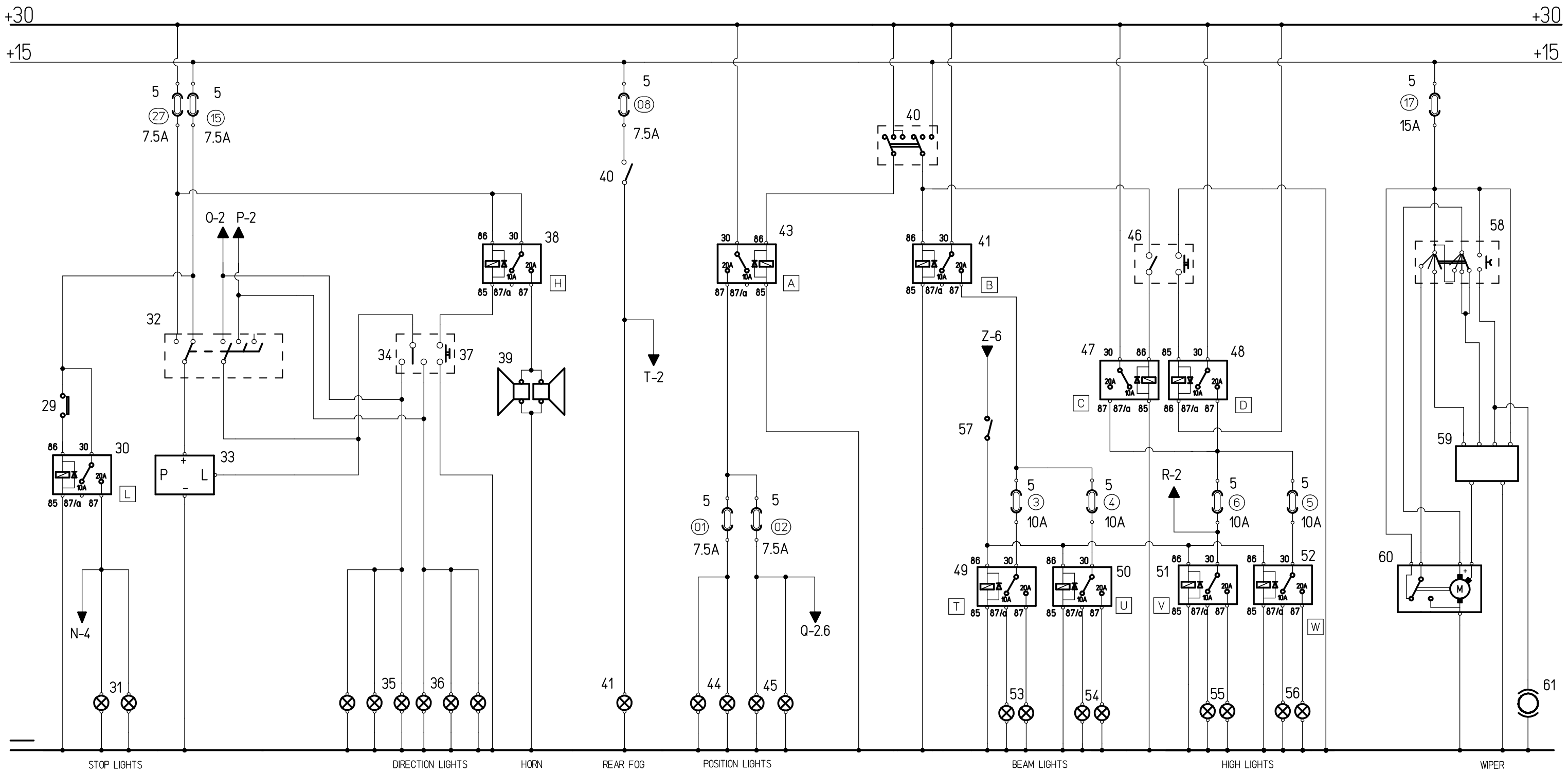
READING DESCRIPTION WIRES

→ D-4.6 D: IDENTIFICATION WIRE -4.6: CONNECTION WIRE TO SHEET 4 and 6

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FRESIA s.p.a.	Q.TA Nr.	DATA Date	DIS.RE Name
17017 - MILLESIMO (SV) Italy	.	11/02/2019	D. R.
MATERIALE / Material	MASSA Masse	SCALA Scale	CAD HEWLETT Drawing PACKARD
DESIGNAZIONE / Designation	SOST.it N° Rep. for		TIPO Type
Ignition, oil exchanger, heaters, radio	.		F90i PORTOGALLO
	SOST.dal N° Rep. by		CODICE Code Nr.
	.		.
	N° / Nr	29723	FOGLIO Sheet 1/8



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FRESIA s.p.a. 17017 - MILLESIMO (SV) Italy		Q.TA Nr. .	DATA Date 11/02/2019	DIS.RE Name D. R.	
DESIGNAZIONE / Designation Monitor TERA7, joystick, push-button		MASSA Weight .	SCALA Scale .	TIPO Type F90i PORTOGALLO	
MATERIALE / Material .			SOST.it N° Rep. for .		
SOST.dal N° Rep. by .			CODICE Code Nr. 0		
N° / Nr 29723			FOGLIO Sheet 2/8		

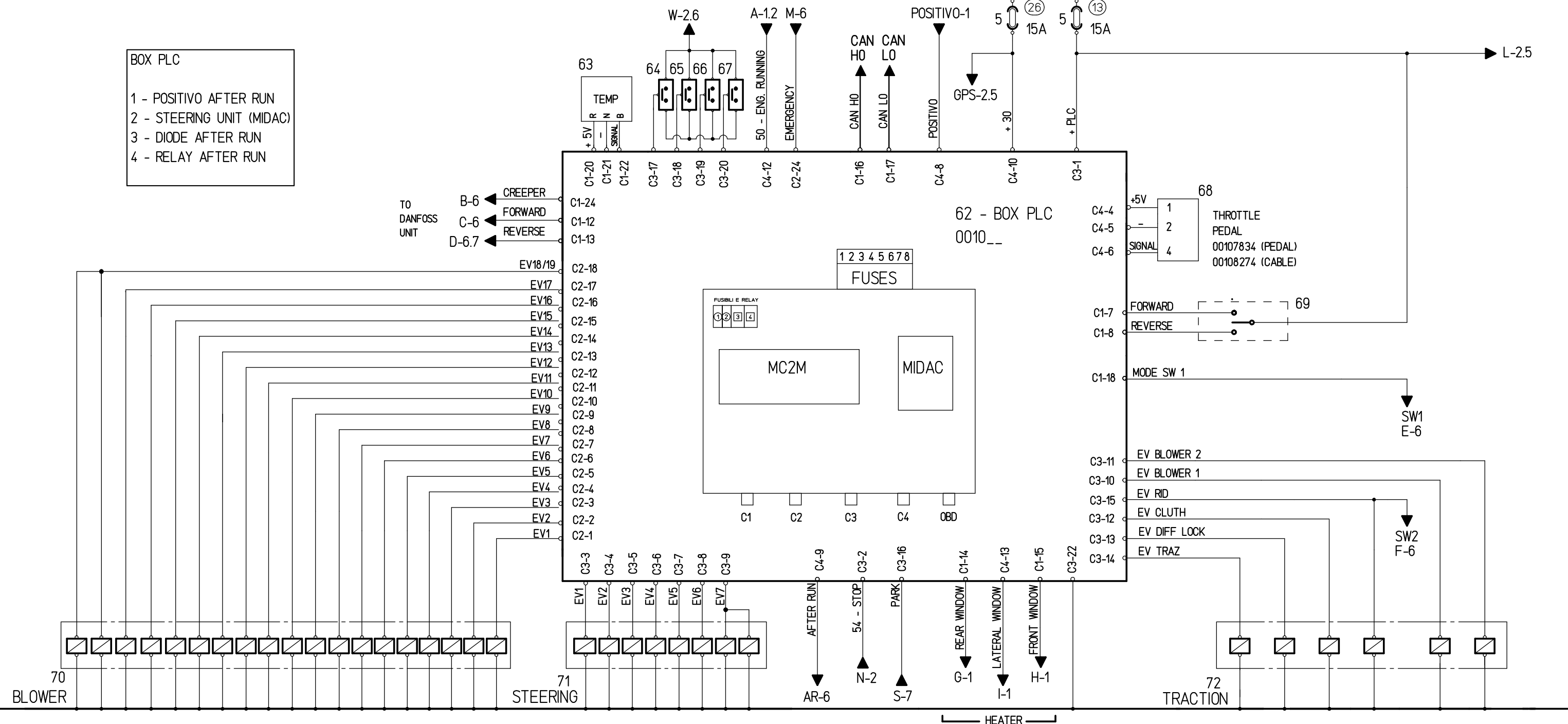


- 5 Fuse
- 29 Stop light switch
- 30 Stop lights
- 31 Luce di stop
- 32 Emergency light switch
- 33 Direction lights intermittence
- 34 Direction lights switch
- 36 Righth Direction lights
- 37 Horn push-button
- 38 Horn relay
- 39 Horn
- 40 Rear fog switch
- 41 Rear fog light
- 42 Position and beam light switch
- 43 Position light relay
- 44 Right position lights
- 45 Left position lights
- 46 High lights / flashing switch
- 47 High lights relay
- 48 Flashing relay
- 49 Inferior light relay
- 50 Inferior light relay
- 51 Superior light relay
- 52 Superior light relay
- 53 Right beam light
- 54 Left beam light
- 55 Left high lights
- 56 Right high lights
- 57 Superior and inferior lights switch
- 58 Wiper switch
- 59 Wiper intermittence
- 60 Wiper engine
- 61 Washer

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FRESIA s.p.a.		Q.T.A. Nr. .	DATA Date 11/02/2019	DIS.RE Name D. R.
17017 - MILLESIMO (SV) Italy		MASSA Masse .	SCALA Scale .	CAD HEWLETT Drawing PACKARD
MATERIALE / Material .				SOST.it N° Rep. for . SOST.dal N° Rep. by .
DESIGNAZIONE / Designation Lights, horn, Wiper				TIPO Type F90i PORTOGALLO CODICE Code Nr. .
N° / Nr 29723				FOGLIO Sheet 3/8

BOX PLC

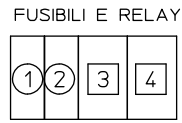
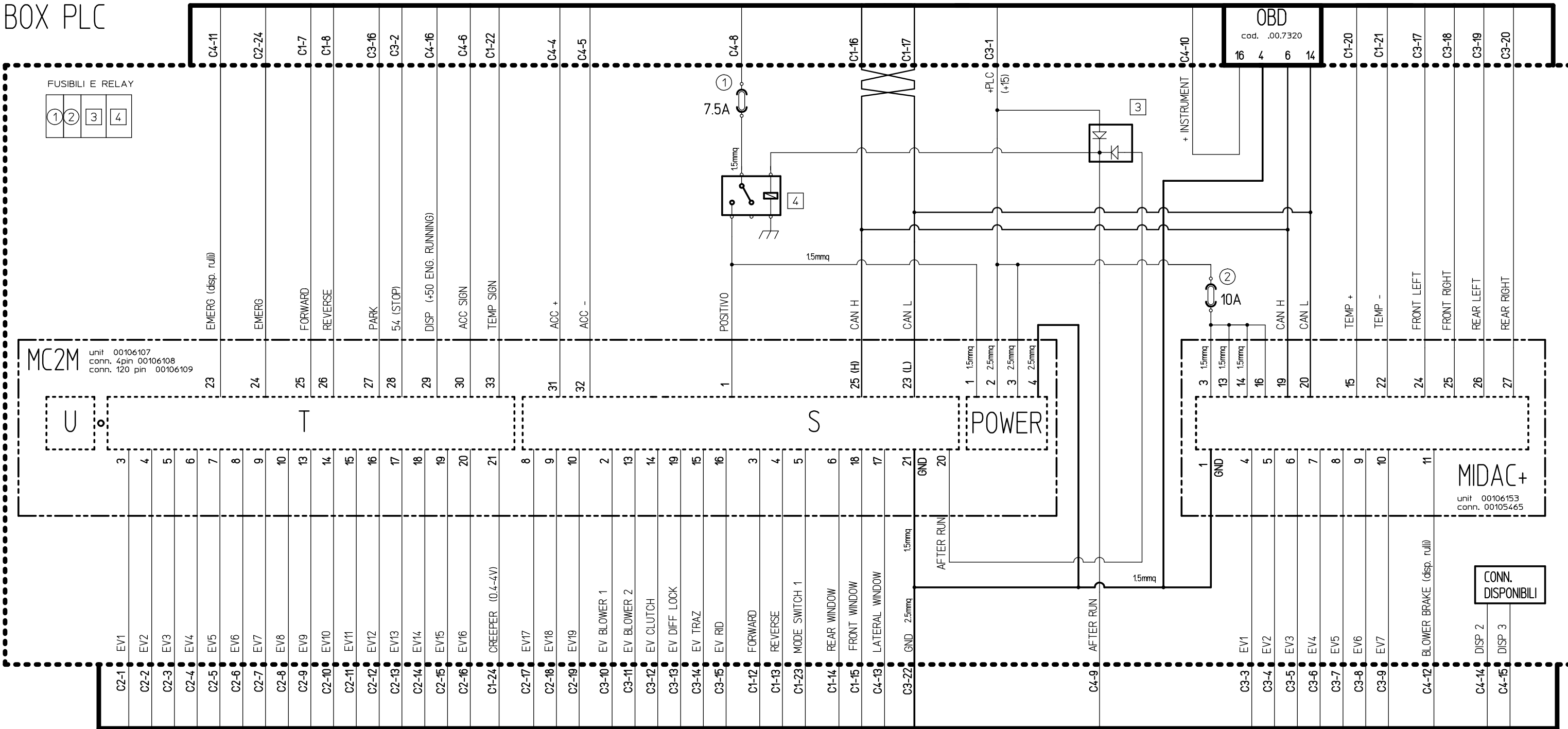
1 - POSITIVO AFTER RUN
2 - STEERING UNIT (MIDAC)
3 - DIODE AFTER RUN
4 - RELAY AFTER RUN



- 5 Fuse
- 62 BOX PLC
- 63 Environment temperture sensor
- 64 Front left steering sensor
- 65 Front right steering sensor
- 66 Rear left steering sensor
- 67 Rear right steering sensor
- 68 Throttle pedal
- 69 Selector gear
- 70 Electrovalves blower block
- 71 Electrovalves steering block
- 72 Electrovalves traction block

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<p>FRESIA s.p.a.</p> <p>17017 - MILLESIMO (SV) Italy</p>		<p>Q.TA Nr.</p> <p>MASSA Masse</p>	<p>DATA Date</p> <p>11/02/2019</p> <p>SCALA Scale</p>	<p>DIS.RE Name</p> <p>D. R.</p> <p>CAD HEWLETT Drawing PACKARD</p>
<p>MATERIALE / Material</p>		<p>SOST.it N° Rep. for</p> <p>SOST.dal N° Rep. by</p>		
<p>DESIGNAZIONE / Designation</p> <p>BOX PLC</p>		<p>TIPO Type</p> <p>F90i - PORTOGALLO</p> <p>CODICE Code Nr.</p> <p>N° / Nr 29723</p>		
		<p>F0GLIO Sheet</p> <p>4/8</p>		

BOX PLC



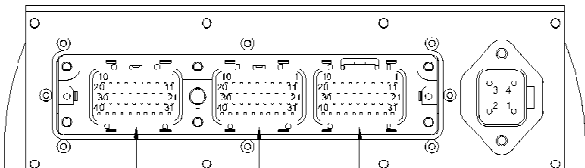
MC2M unit 00106107
conn. 4pin 00106108
conn. 120 pin 00106109

OBD
cod. .00.7320
16 4 6 14

MIDAC+
unit 00106153
conn. 00105465

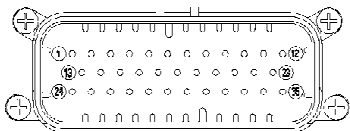
CONN. DISPONIBILI

MC2M



Conn. "U" Conn. "T" Conn. "S"

MIDAC+



BLOCCO FRESA

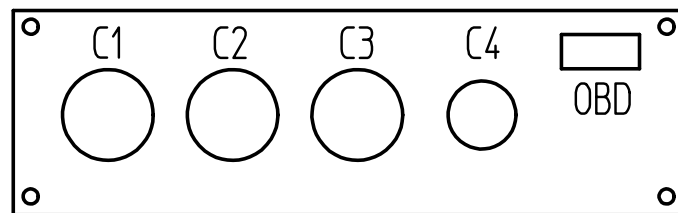
BLOCCO TRAZIONI

A DANFOSS

RISCALDATORI

BLOCCO STERZO

PIASTRA CONNETTORI



NOTA:

mettere etichetta adesiva vicino al connettore con il suo nominativo

SE NON INDICATO:
TUTTO FILO DA 1mmq

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FRESIA - Standar 1-2001 -
General tolerances and other specifications

FRESIA s.p.a.

Q.T.A. Nr. .

DATA Date 11/02/2019

DIS.RE Name **D. R.**

17017 - MILLESIMO (SV) Italy

MASSA Masse

SCALA Scale .

CAD HEWLETT Drawing PACKARD

MATERIALE / Material

SOST.it N° Rep. for .

DESIGNAZIONE / Designation

SOST.dat N° Rep. by .

INDOOR BOX PLC

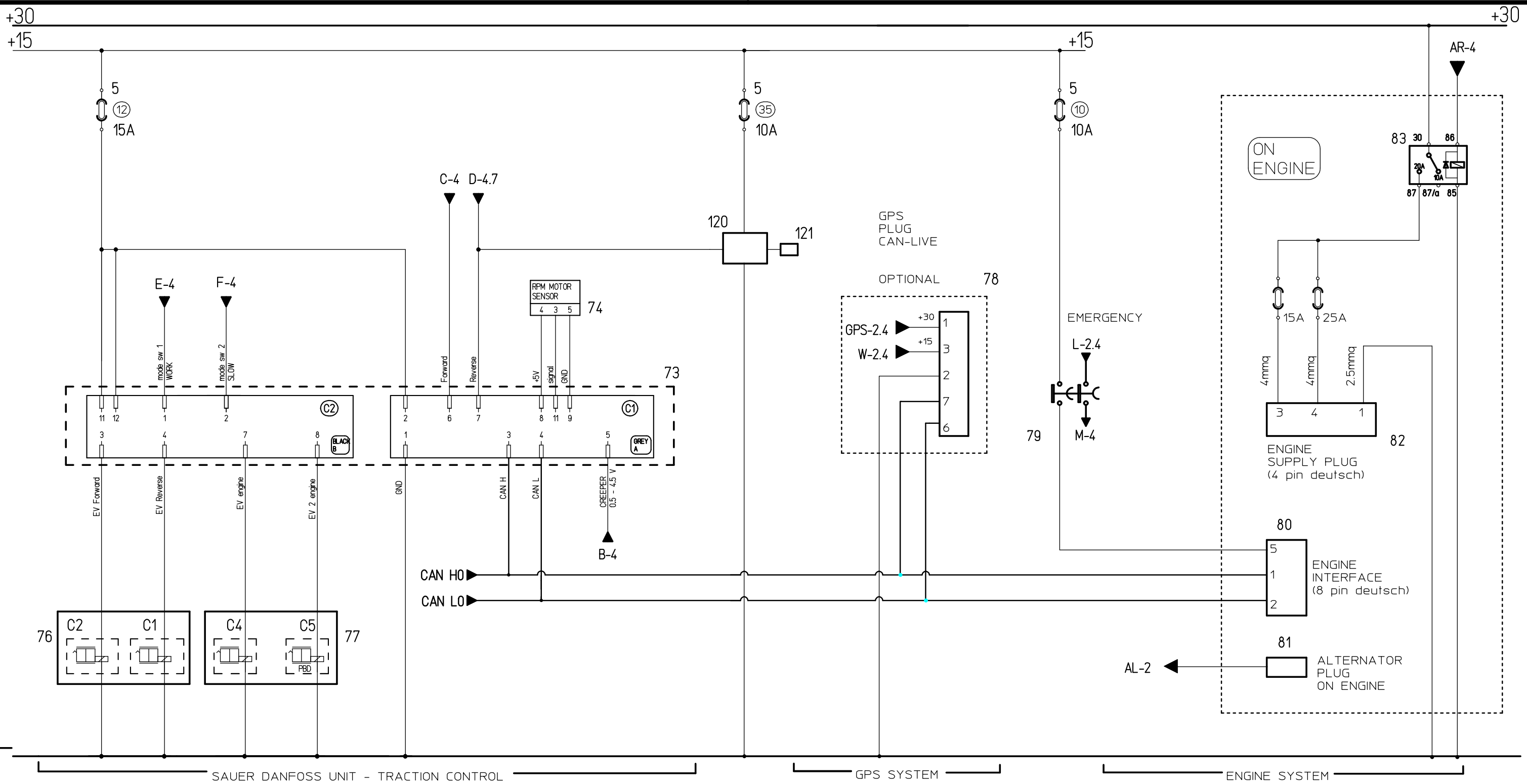
VER-1

TIPO Type **F90i PORTOGALLO**

CODICE Code Nr. .

N° / Nr **29723**

FUOGLIO Sheet 5/8



SW1	SW2	
0	0	TRANSFERT MODE
0	1	TRANSFERT MODE + SLOW
1	0	WORK MODE
1	1	WORK MODE + SLOW

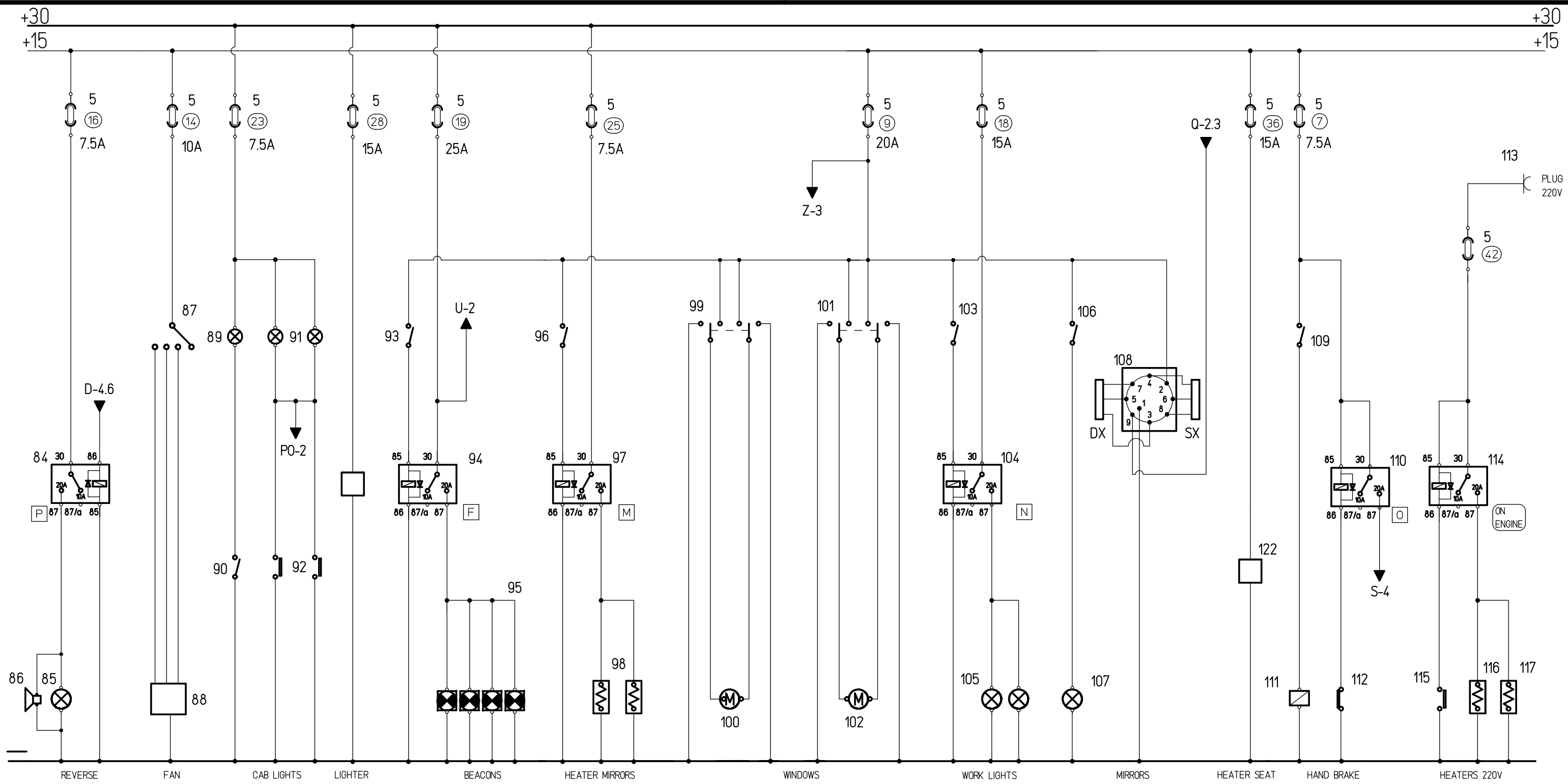
- 73 SAUER-DANFOSS unit - traction control
- 74 RPM motor sensor - SAUER-DANFOSS
- 75 ---
- 76 Pump electrovalves - SAUER-DANFOSS
- 77 Motor electrovalves - SAUER-DANFOSS
- 78 GPS plus - CAN_LIVE
- 79 Emergency button
- 80 Supply engine connector
- 81 Engine interface connector
- 82 Supply engine relay
- 120 Monitor camera 7"
- 121 Rear camera

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Tolleranze ed altre prescrizione generali
General tolerances and other specifications

FRESIA - Standar 1-2001 -

FRESIA s.p.a.	Q.TA Nr.	DATA Date	11/02/2019	DIS.RE Name	D.R.
	17017 - MILLESIMO (SV) Italy	MASSA Masse	SCALA Scale		
MATERIALE / Material			SOST.it N° Rep. for		
DESIGNAZIONE / Designation			SOST.dal N° Rep. by		
Sauer-Danfoss unit, GPS system			TIPO Type		
Egine connectors			F90i PORTOGALLO		
			CODICE Code Nr.		
			N° / Nr		
			29723		
			FOGLIO Sheet		
			6/8		



- 5 Fuse
- 84 Reverse relay
- 85 Reverse light
- 86 Reverse buzzer
- 87 Fan heater control
- 88 Fan
- 89 Cab light
- 90 Cab light switch
- 91 Cab light on door
- 92 Cab light on door switch
- 93 Beacon switch
- 94 Beacon relay
- 95 Beacon
- 96 Heater mirrors switch
- 97 Heater mirrors relay
- 98 Heater mirrors
- 99 Right window switch
- 100 Right window motor
- 101 Left window switch
- 102 Left window motor
- 103 Front work light switch
- 104 Front work light relay
- 105 Front work light
- 106 Rear work light switch
- 107 Rear work light
- 108 Mirrors controller
- 109 Hand brake switch
- 110 Hand brake relay
- 111 Electrovalve hand brake
- 112 Hand brake pressure switch
- 113 Heater 220V plug
- 114 Heater 220V relay
- 115 Heater 220V thermostat
- 116 Heater 220V hydraulic oil
- 117 Heater 220V cooling
- 122 Heater seat

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Tolleranze ed altre prescrizioni generali
 FRESIA - Standar 1-2001 -
 General tolerances and other specifications

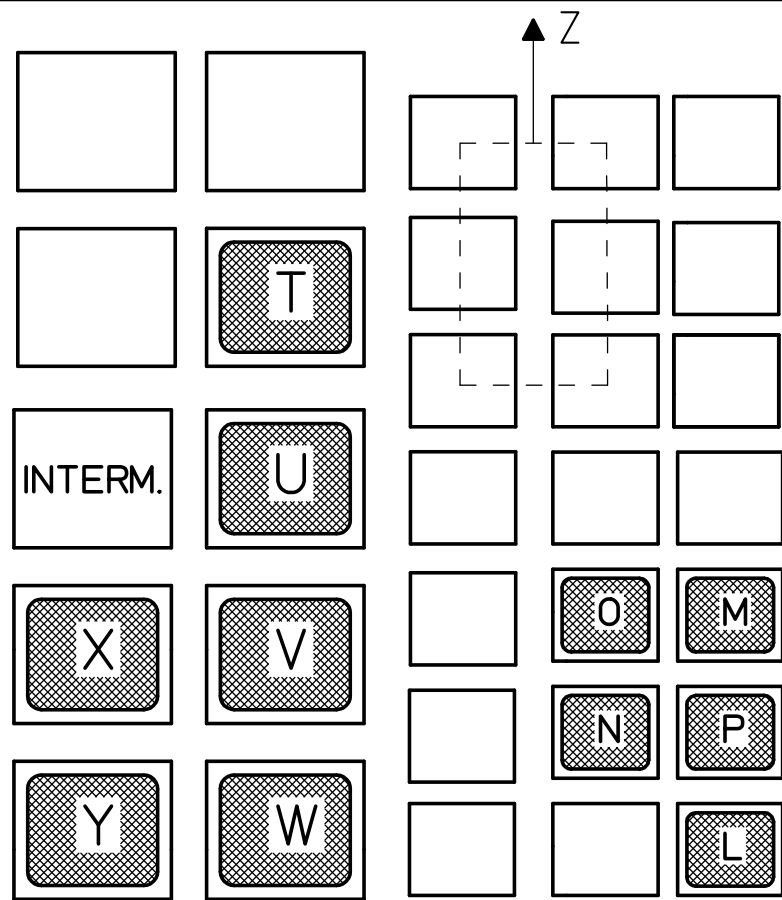
FRESIA s.p.a.	Q.TA Nr.	DATA Date	DIS.RE Name
	17017 - MILLESIMO (SV) Italy	11/02/2019	D. R.
MASSA Masse	SCALA Scale	CAD HEWLETT PACKARD	

MATERIALE / Material	SOST.it N° Rep. for
DESIGNAZIONE / Designation	SOST.dat N° Rep. by

Reverse light, beacon, work lights, cab light, hand brake, heaters 220V

N° / Nr	29723	FOGLIO Sheet 7/8
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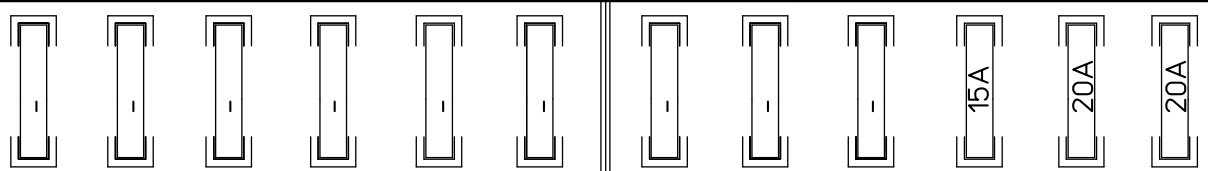
RELAY ON DASHBOARD



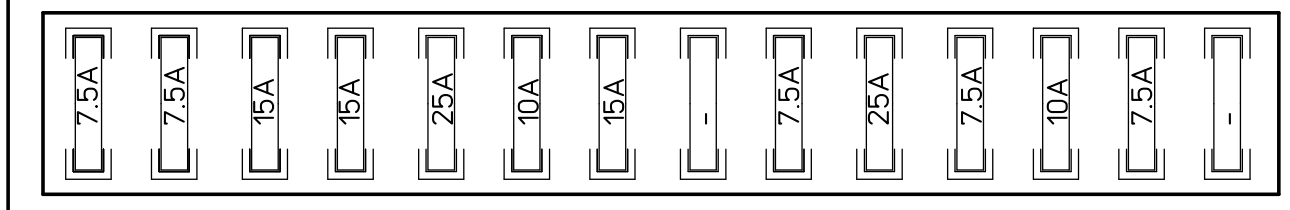
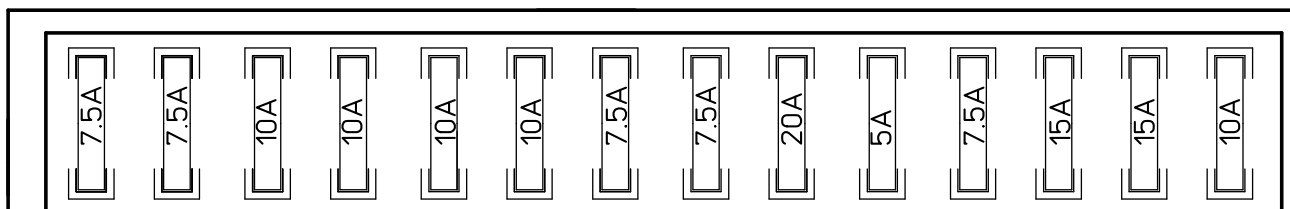
FUSES

- | | |
|---|---------------------------------------|
| 01 Right position lights - Sh.3 | 24 Oil exchanger - Sh.1 |
| 02 Left position lights - Sh.3 | 25 Heater mirrors - Sh.6 |
| 03 Right beam lights - Sh.3 | 26 Instrument, GPS (+30) - Sh.4 |
| 04 Left beam lights - Sh.3 | 27 Horn, Emergency lights - Sh.3 |
| 05 High lights - Sh.3 | 28 Lighter - Sh.6 |
| 06 High lights - Sh.3 | 29 Right heater lateral window - Sh.1 |
| 07 Hand brake - Sh.6 | 30 Left heater lateral window - Sh.1 |
| 08 Rear fog - Sh.3 | 31 ---- |
| 09 Switches and windows - Sh.6 | 32 ---- |
| 10 Engine (+15) - Sh.5 | 33 ---- |
| 11 Cluster (+15) - Brake and Steering sensor - Sh.2 | 34 ---- |
| 12 Sauer-Danfoss unit - Sh.5 | 35 Camera - Sh.5 |
| 13 PLC - Pushbutton - Sh.4 | 36 Seat, Cab up sensor - Sh.6 |
| 14 Fan cab - Sh.6 | 37 DEFA / Heater |
| 15 Direction lights - stop lights - Sh.3 | 38 Webasto - Sh.1 |
| 16 Reverse light - Sh.6 | 39 Right heater windshield - Sh.1 |
| 17 Wiper - Sh.3 | 40 Left heater windshield - Sh.1 |
| 18 Work lights - Sh.6 | |
| 19 Beacons - Sh.6 | |
| 20 Radio - Sh.1 | |
| 21 Heater rear window - Sh.1 | |
| 22 Fog lights (available) | |
| 23 Cab lights - Sh.6 | |

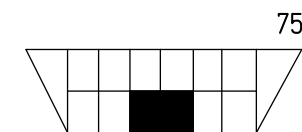
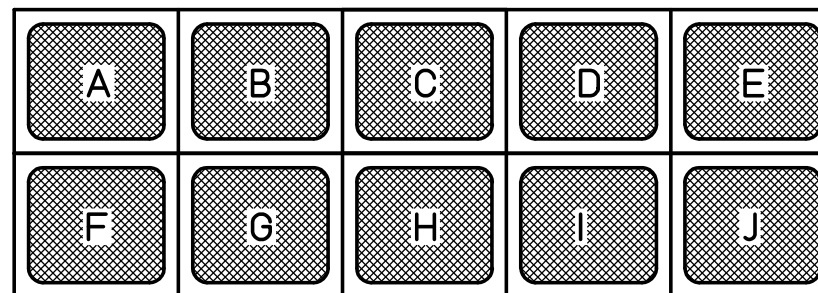
29 30 31 32 33 34 35 36 37 38 39 40



1 2 3 4 5 6 7 8 9 10 11 12 13 14



15 16 17 18 19 20 21 22 23 24 25 26 27 28



DIAGNOSTIC
OBD
CAN BUS PLUG

75

RELAY

- | | | | |
|--------------------------|-----------------------------|---|--|
| A Position lights - Sh.3 | G Heater rear window - Sh.1 | N Fog lights - Sh.6 (available) | X Left heater lateral windows - Sh.1 |
| B High lights Sh.3 | H Horn - Sh.3 | O Hand brake - Sh.6 | Y Right heater lateral windows - Sh.1 |
| C Beam lights Sh.3 | I Work lights - Sh.6 | P Reverse - Sh.6 | Z Heater windshield and lateral - Sh.1 |
| D Flashing - Sh.3 | J Oil exchanger - Sh.1 | R ---- | |
| E Main relay Sh.1 | L Stop lights - Fg.3 | S ---- | |
| F Beacons - Sh.6 | M Heater mirrors - Sh.6 | T-U-V-W Superior and inferior lights - Sh.3 | |

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Tolleranze ed altre prescrizione generali
FRESIA - Standar 1-2001 -
General tolerances and other specifications

FRESIA s.p.a. 17017 - MILLESIMO (SV) Italy	Q.TA Nr. .	DATA Date 11/02/2019	DIS.RE Name D. R.
	MASSA Masse . kg	SCALA Scale .	CAD HEWLETT Drawing PACKARD
MATERIALE / Material .	SOST.it N° Rep. for .		SOST.dat N° Rep. by .
DESIGNAZIONE / Designation Relay and fuses	TIPO Type F90i PORTOGALLO		CODICE Code Nr. .
N° / Nr 29723		FOGLIO Sheet 8/8	