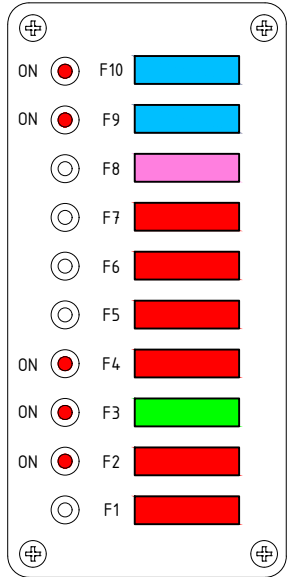
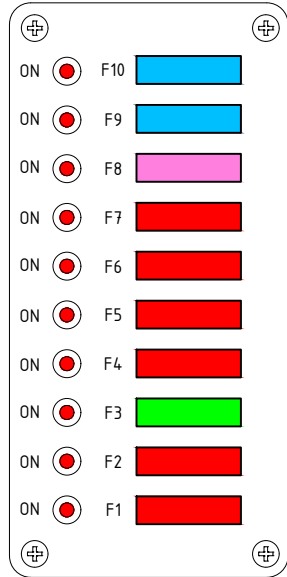


MODIFICHE (REVISIONS)			
ZONE	REV	DESCRIPTION	DATE
	A0	RELEASE	03/05/2018

LED STATUS
 ● POWERON
 ● KEYOFF



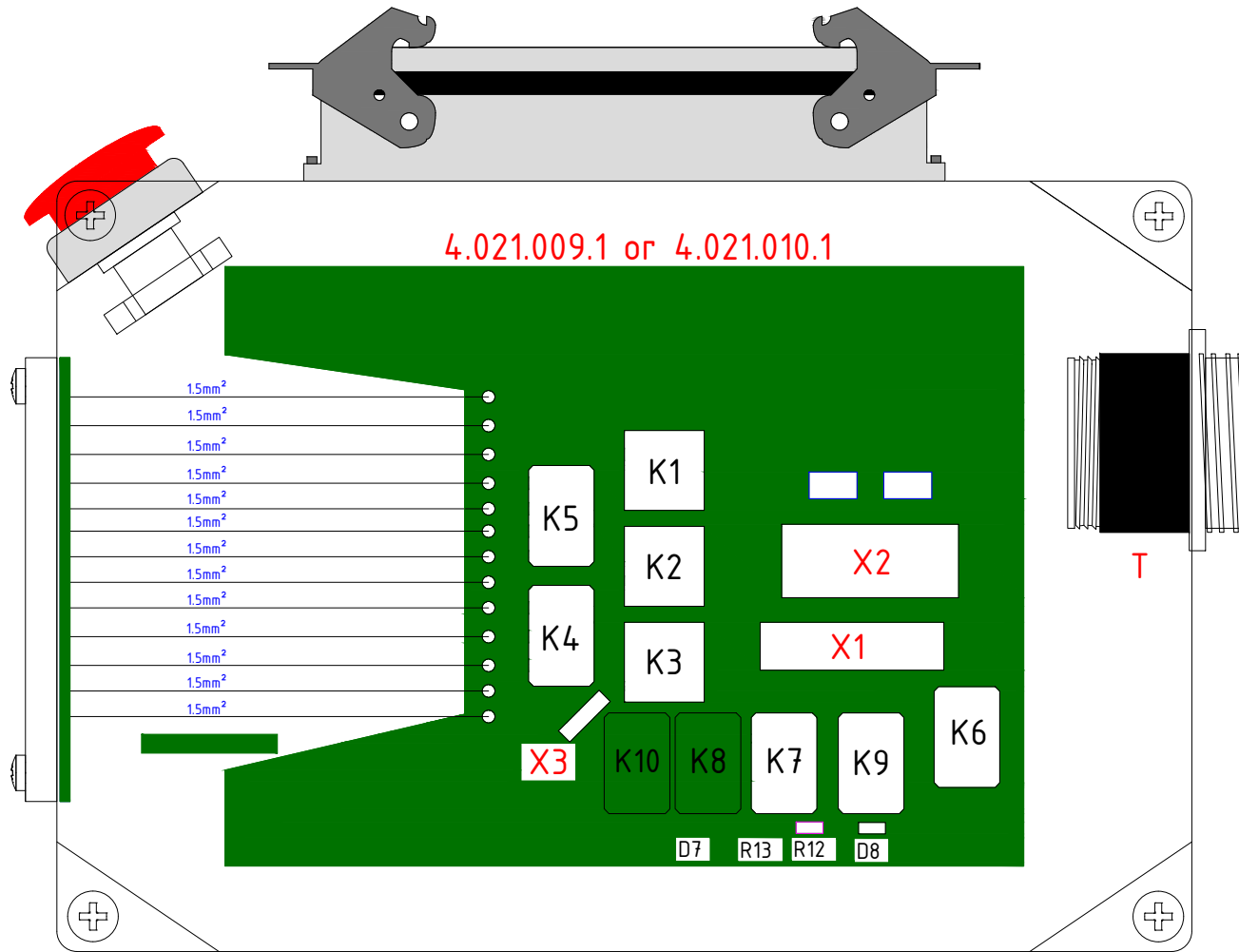
LED STATUS
 ● POWERON
 ● KEYON



FUSES (12Vdc)

FUSE	RATING	DESCRIPTION
F1	10A	(Unused)
F2	10A	VETUS Glow Lamp Relay + Alternator Lamp
F3	30A	STARTER MOTOR
F4	10A	EOBD Diagnosis
F5	10A	KEYON ECU
F6	10A	MAIN RELAY - pin5 ECU + coil fuel pre-heat relay
F7	10A	MAIN RELAY - pin4 ECU + coil fuel pump relay
F8	3A	OUT MAIN RELAY - coil glow plugs module
F9	15A	FUEL PUMP - low pressure circuit
F10	15A	FUEL PRE-HEATING

4.021.009.1 or 4.021.010.1



RELAY

RELAY	DESCRIPTION
K1	MAIN RELAY
K2	STARTER MOTOR
K3	POWER ON
K4	FUEL PUMP
K5	FUEL PRE-HEATING
K6	FLY BRIDGE STOP-RELAY
K7	GLOW LAMP RELAY (VETUS)
K8	spare
K9	ALTERNATOR LAMP
K10	spare

ECUBOX_Rev3 PCB

Part Number	Configuration	Manufacturer
4.021.009.1	R12=0R , R13=nm	FNM
4.021.010.1	R12=nm , R13=0R	VETUS



FILE NAME: ECUBOX - RELAY_FUSES_LED-STATUS - RevB0	NOTE: The two figures show the LED STATUS in two conditions: 1. POWERON/KEYOFF 2. POWERON/KEYON		
PROJECT: FNM & VETUS MARINE ENGINES	CMD CODE: n.a.	SCALE: not	SHEET 1/1
DESIGNED: G. CUOMO	CHECKED: N. SCALDARELLA	SPECIFICATIONS: Unless otherwise specified the dimensions are in mm. Tolerances: +10mm-0mm	
DRAWN: S. LA MANNA	PROPRIETARY NOTICE: THIS DOCUMENT IS PROPERTY OF CMD ENGINE SpA IT SHALL NOT BE USED IN ANY WAY NOR COMMUNICATED TO THIRD PARTIES OR REPRODUCED WITHOUT AUTHORIZATION		

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