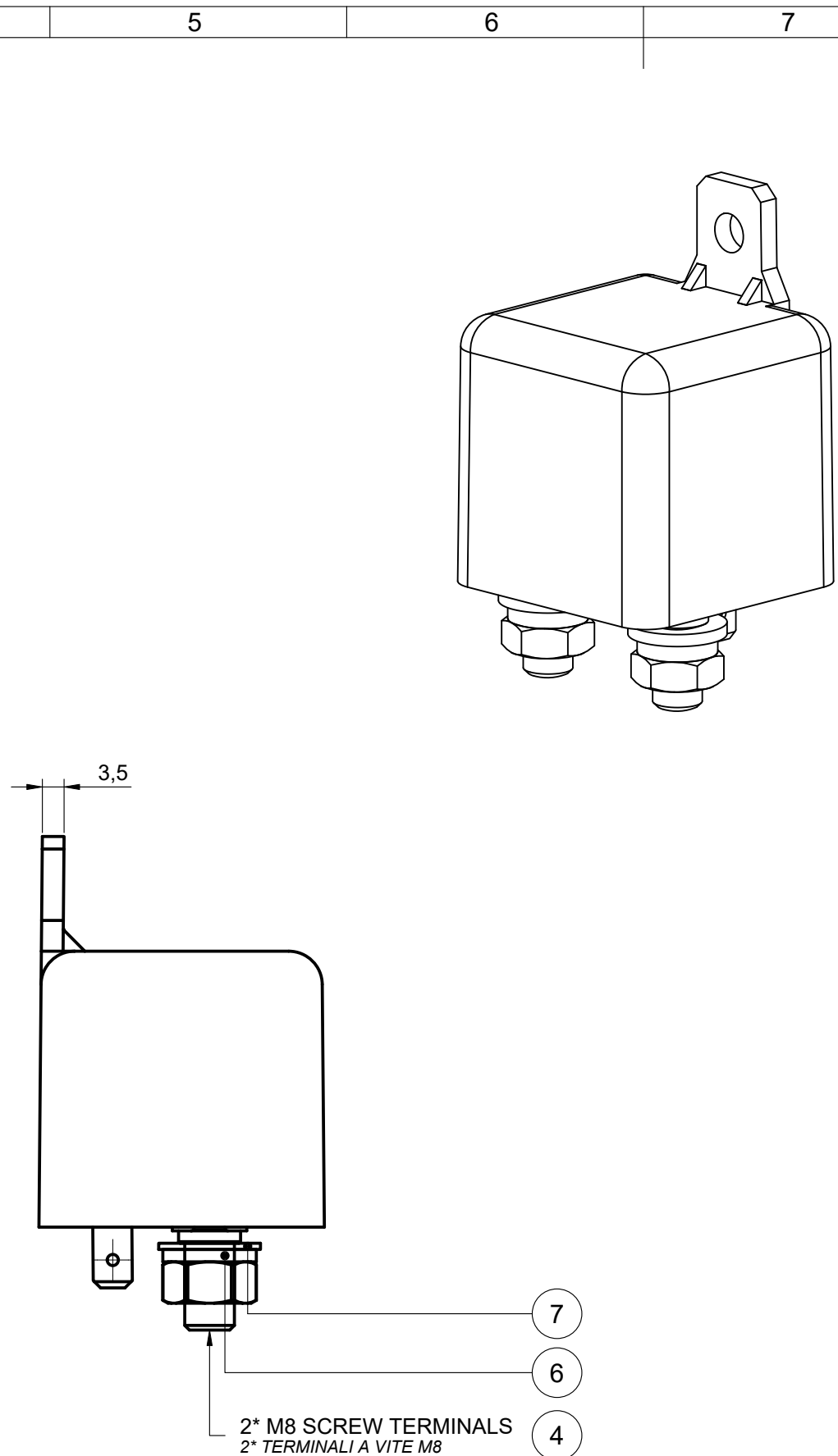
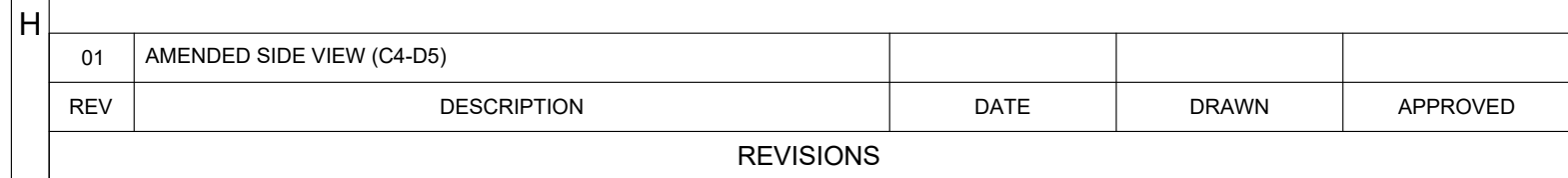
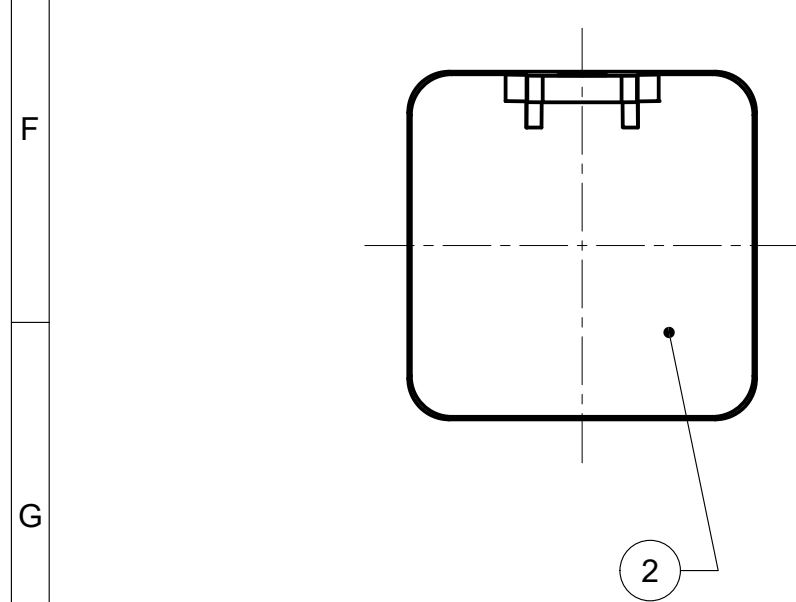
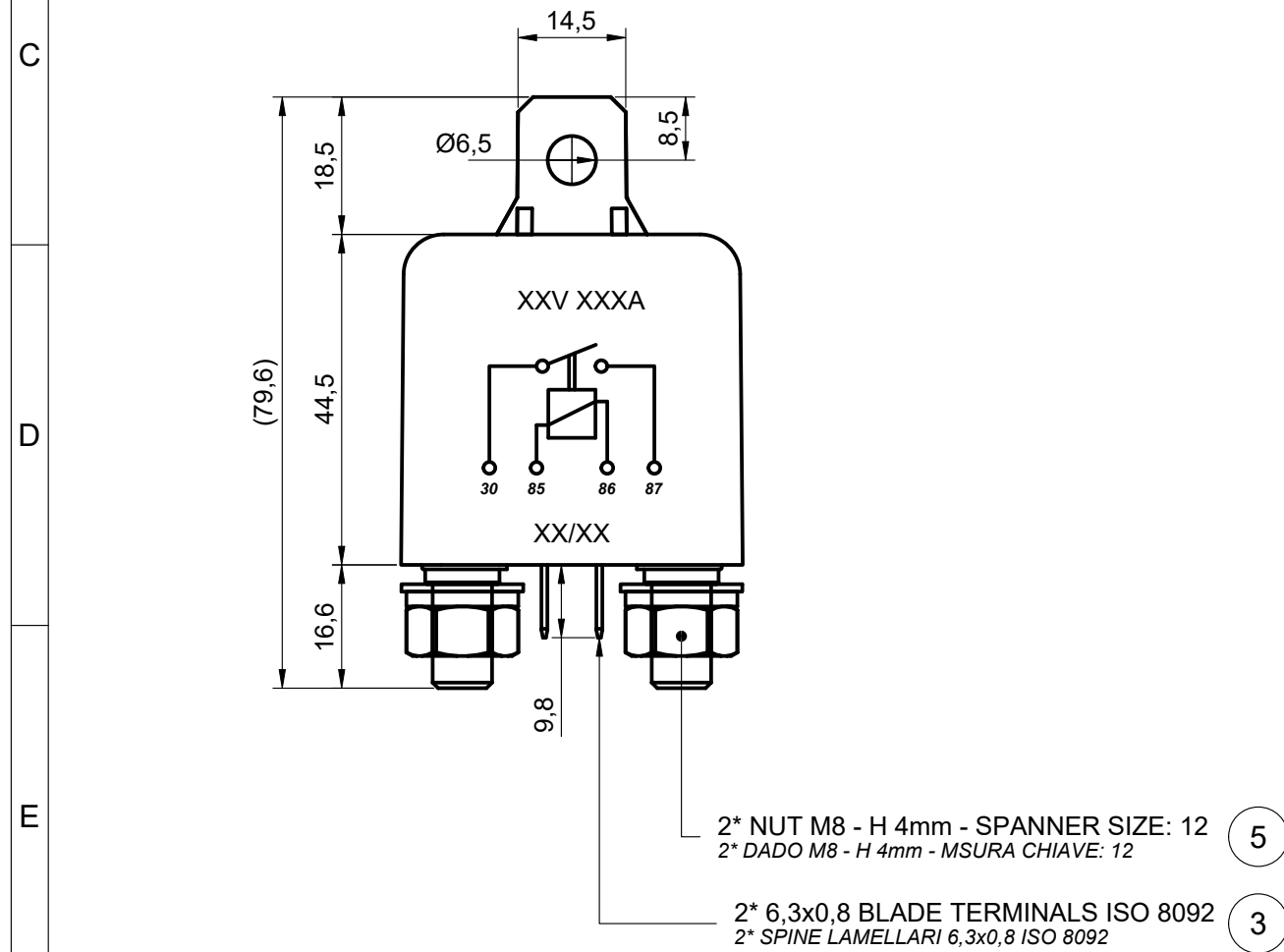
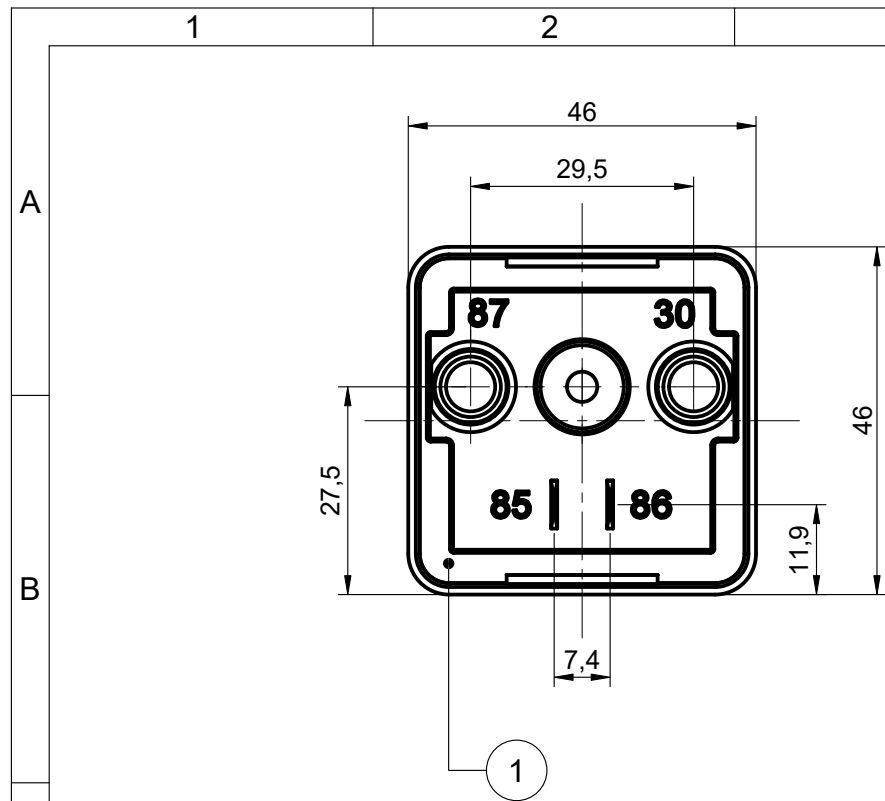




MATERIALS
MATERIALI

1	BASEPLATE <i>BASE</i>	PA 66 20%GF BLACK
2	HOUSING <i>COPERCHIO</i>	PA 66 25%GF BLACK
3	BLADE TERMINALS <i>SPINE LAMELLARI</i>	CuSn UNI 5649
4	M8 SCREW TERMINALS <i>TERMINALI A VITE M8</i>	Cu
5	M8 NUTS <i>DATO M8</i>	CuSn
6	SPLIT WASHER <i>Rondella spaccata</i>	FeZn
7	PLAIN WASHER <i>Rondella piana</i>	CuSn

TECHNICAL CHARACTERISTICS

CARATTERISTICHE TECNICHE

COIL DATA

SPECIFICHE BOBINA

CODES <i>CODICI</i>	R12V230.A1	R24V180.A1
RATED VOLTAGE <i>TENSIONE NOMINALE</i>	12V DC	24V DC
OPERATING VOLTAGE <i>TENSIONE DI FUNZIONAMENTO</i>	(8,5 ÷ 15)V	(17 ÷ 30)V
OPERATE VOLTAGE <i>TENSIONE DI ECCITAZIONE</i>	≤ 8,5V @23°C	≤ 17V at 23°C
RELEASE VOLTAGE <i>TENSIONE DI DISECCITAZIONE</i>	≥ 1,2V	≥ 2,4 V
COIL RESISTANCE <i>RESISTENZA BOBINA</i>	60Ω ± 10%	240Ω ± 10%
RATED COIL POWER <i>POTENZA NOMINALE BOBINA</i>	2,4W	2,4W

CONTACT DATA

SPECIFICHE CONTATTI

CONTACT ARRANGEMENT <i>DISPOSIZIONE DEI CONTATTI</i>	SPST / NORMALLY OPEN	
CONTACT GAP <i>DISTANZA DEI CONTATTI</i>	2,0 ÷ 2,5mm	
CONTACT OPERATE TIME <i>TEMPO DI CHIUSURA CONTATTO</i>	≤ 10ms	
CONTACT BREAK TIME <i>TEMPO DI APERTURA CONTATTO</i>	≤ 5ms	
LIMITING CONTINUOUS CURRENT - LAMP LOAD <i>LIMITE CORRENTE DI CARICO CONTINUA - CARICO LAMPADE</i>	160A @13,5V @23°C for 6h 130A @13,5V @80°C for 6h	120A @27V @23°C for 6h 80A @27V @80°C for 6h
LIMITING MAKE/BREAK CURRENT 10" ON / 10" OFF - LAMP LOAD <i>LIMITE CORRENTE DI CARICO INTERMITTENTE 10" ON / 10" OFF - CARICO LAMPADE</i>	230A @13,5V @23°C for 50.000 op. 200A @13,5V @80°C for 50.000 op.	180A @27V @23°C for 50.000 op. 150A @27V @80°C for 50.000 op.
CONTACTS MATERIAL <i>MATERIALE DEI CONTATTI</i>	AgSnO ₂	
TEST TEMPERATURE <i>TEMPERATURA DI PROVA</i>	23°C	
TYPICAL VOLTAGE DROP <i>CADUTA DI TENSIONE TIPICA</i>	≤ 25mV at 40A (INITIAL)	
ELECTRICAL LIFETIME <i>DURATA ELETTRICA</i>	50.000 CYCLES	
MECHANICAL LIFETIME <i>DURATA MECCANICA</i>	1.000.000 OPERATIONS	
CONTACT PRESSURE <i>PRESSIONE DI CONTATTO</i>	2,2 ÷ 3,1N	

OTHER DATA

ALTRE SPECIFICHE

OPERATING TEMPERATURE <i>TEMPERATURA DI FUNZIONAMENTO</i>	-40°C ÷ +80°C
DIELECTRIC STRENGTH <i>RIGIDITA' DIELETTICA</i>	500Vrms CONTACT/ COIL <i>500Vrms CONTATTO/ BOBINA</i>
DEGREE OF PROTECTION <i>GRADO DI PROTEZIONE</i>	IP 54
VIBRATION RESISTANCE <i>RESISTENZA ALLE VIBRAZIONI</i>	10Hz~50Hz 1,5mm DA (> 5 G)
STORAGE TEMPERATURE <i>TEMPERATURA DI STOCCAGGIO</i>	MAX. 125°C

DRAWN	DATE	CHECKED	DATE	GENERAL TOLERANCES FOR LINEAR AND ANGULAR DIMENSIONS ACCORDING TO ISO 2768 - mH	 	
A. MATTEAZZI	01/12/2022	M.TESSARO	01/12/2022			
AUTOELETTRIC S.R.L.		DESCRIPTION			WEIGHT	SCALE
		HEAVY DUTY RELAY N.O.				1:1
		PART NUMBER		REV.	SHEET	SIZE
		R12V230.A1 - R24V180.A1		0	1/1	A2
BY TERMS OF LAW IS STRICTLY FORBIDDEN TO COPY OR COMMUNICATE TO THIRD THE CONTENT OF THIS DRAWING						