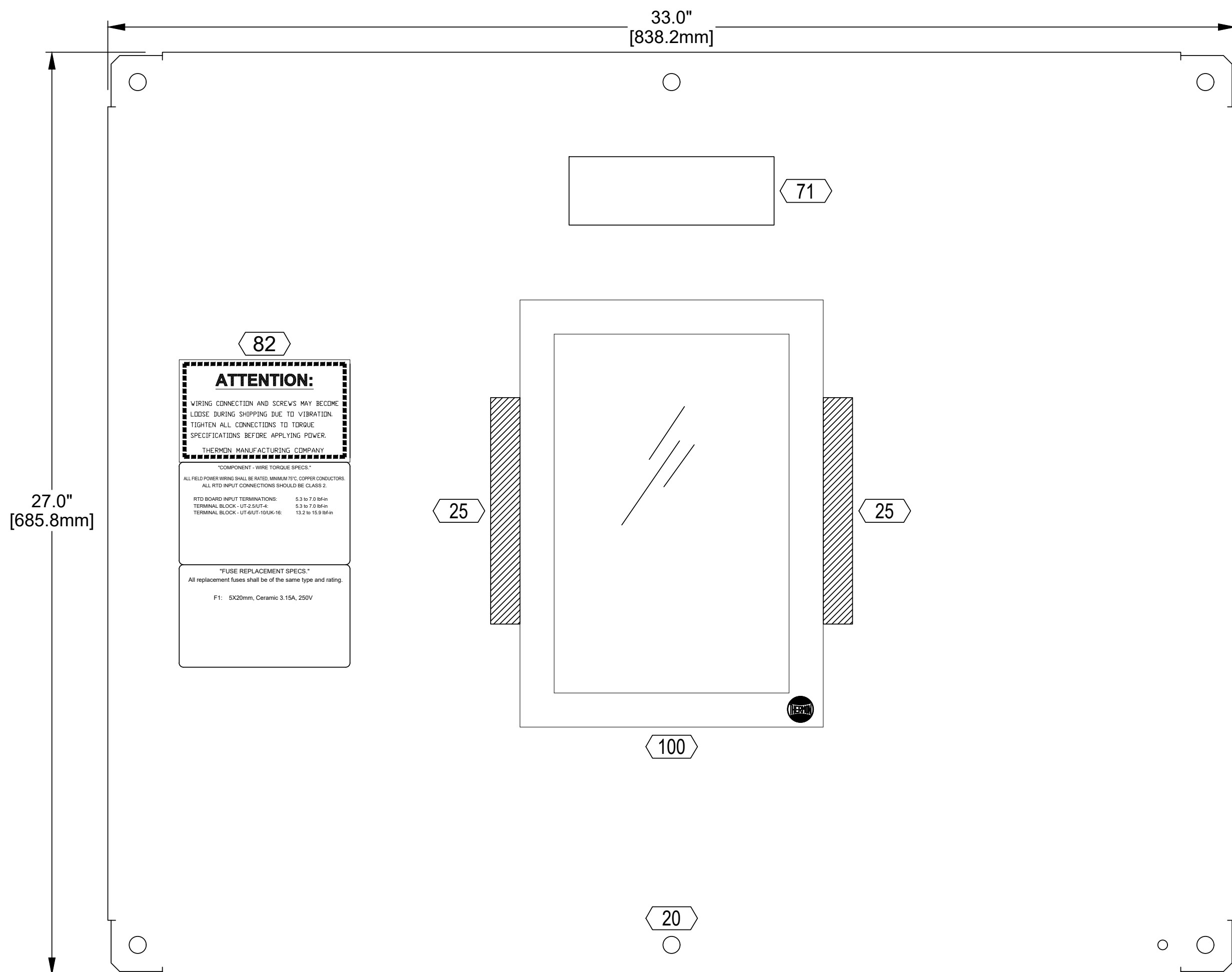
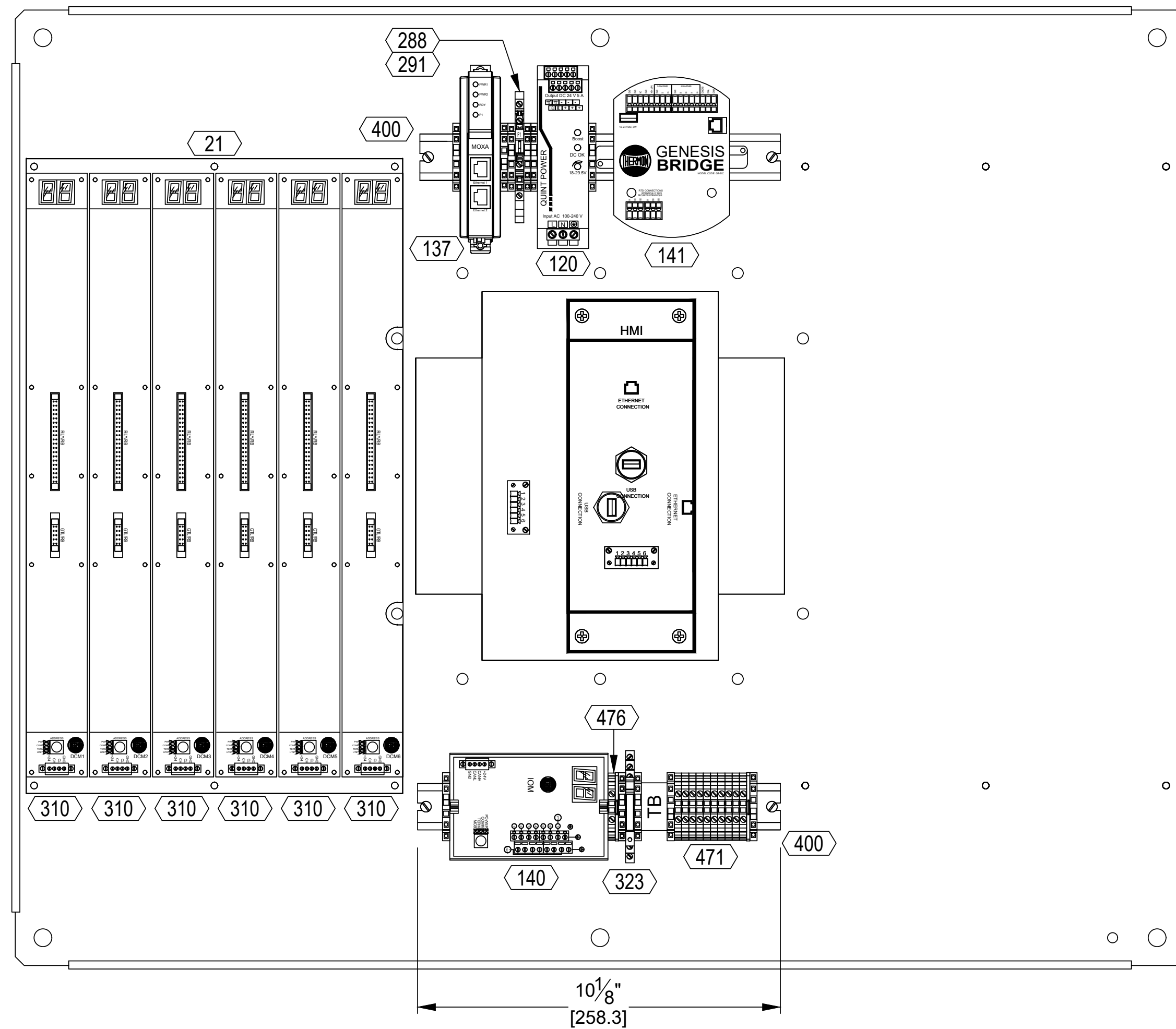


POS	QTY	ITEM NO	MANUFACTURER	CATALOG NUMBER	DESCRIPTION
14	1	191002	HOFFMAN	A-NADFK-MOD	ENCLOSURE, SWING PANEL MOUNTING KIT WITH QUARTER TURN LATCHES, PER THERMON DWG 49A14 REV C
[20]	1	171370	EXM	3" X 27" BACKPANEL WITH CUTOUT	SAME AS 191181, WITH CUSTOM CUTOUTS FOR THE RETROFIT KIT
[21]	1	171350	THERMON	EVO DCM MOUNTING PLATE	18"X12" ALUMINUM PLATE WITH MOUNTING HOLES
[25]	2	171340	THERMON	HMI MOUNT MASKING PLATE	LASER-CUT 2.9" X 8.7" (73.1MM X 221.5MM) FLAT, WITH THREE MOUNTING HOLES
[71]	1	270701	THERMON	270701	TAG, CABINET, PLASTIC (TEXTURED), WHITE WITH BLACK LETTERS, 2" (51MM) X 6" (152MM)
[82]	1	27234	TENAQUIP	LAR482	TAG, ATTENTION, 3" (76MM) X 5" (127MM) YELLOW WITH BLACK LETTERS, CHECK WIRE CONNECTIONS BEFORE ENERGIZING
[83]	1	27805	THERMON	CUSTOM LABEL	LABEL GENESIS DUO EVO
[100]	1	81040	THERMON	TNG-HMI	GENESIS TOUCH SCREEN INTERFACE ASSEMBLY
[120]	1	17573	PHOENIX	QUINT-PS/1AC/24DC/5 (2320908)	POWER SUPPLY, 100 TO 240 VAC INPUT, 24 VDC, 5 AMP OUTPUT, DIN RAIL MOUNTED, WITH PROTECTIVE COATING
[130]	6	81060	THERMON	DTM6	GENESIS, INTERFACE BOARD, SIX RTD INPUTS (AKA "DTM6")
[137]	1	1748200	MOXA	MGATE MB3170-T	INDUSTRIAL DEVICE SERVER, 1 PORT RS-232/422/485, MODBUS TCP TO MODBUS SERIAL/ASCII/RTU, CLASS 1 DIV 2, DIN RAIL, 15KV SURGE, -40 TO 75°C
[140]	1	81070	THERMON	IOM7	GENESIS, INTERFACE BOARD, SYSTEM ALARM OUTPUTS
[141]	1	81403	THERMON	GB-DC	GENESIS BRIDGE – PANEL MOUNT KIT
[288]	1	37088	PHOENIX	UT 4-L/HESI	FUSE TB SECTION, DUAL LEVEL 30 AMP, 250V ACCEPTS 0.14 MM2 (#26 AWG) TO 6 MM2 (#10 AWG) WIRE
[291]	1	37049	LITTELFUSE	02153.15HXP	FUSE, CERAMIC, 3.15 AMP, 250 VAC
[310]	6	810530	THERMON	DCM-RETRO	GENESIS, 6 CIRCUIT, DISTRIBUTED CONTROL MODULE
[323]	1	13056	PHOENIX	PLC-RSC-24DC/21/EX	RELAY, SPDT, 6 AMP CONTACTS AT 250 VAC/DC, 24 VDC COIL, RATED FOR CLASS 1 DIV 2 / ZONE 2 AREA
[400]	2	49158	IBOCO	3FD	TRACK, DIN MOUNTING, LOW PROFILE, 2 METER LENGTH
[471]	10	15120	PHOENIX	UT 2.5	TERMINAL BLOCK SECTION, 24 AMP, 600 VAC, ACCEPTS, 0.14 MM2 (#26 AWG) TO 4 MM2 (#12 AWG) WIRE
[476]	1	15126	PHOENIX	UT 2.5-PE	TERMINAL BLOCK SECTION, UNIVERSAL GROUND, 600 VAC, ACCEPTS, 0.14 MM2 (#26 AWG) TO 4 MM2 (#12 AWG) WIRE
480	11	15125	PHOENIX	3032350 / CLIP FIX 35-5	TERMINAL BLOCK END CLAMP
481	2	15353	PHOENIX	D-UT2.5/10	END COVER - D-UT 2.5/10 FOR EARTHTERMINAL.
760	2	440781	ANIXTER	C4199A.30.10	WIRE, #16 AWG, ONE PAIR, BLACK/RED, STRANDED COPPER, SHIELDED, 600 VAC, UL, CSA
761	6	440815	ANIXTER	1015-14/41-4	WIRE, #14 AWG (2.1MM2), STRANDED COPPER, YELLOW, 600V, CSA TEW (105C), UL AWM (105C), AND UL MTW (90C)
761	2	440811	ANIXTER	1015-14/41-0	WIRE, #14 AWG (2.1MM2), STRANDED COPPER, BLACK, 600V, CSA TEW (105C), UL AWM (105C), AND UL MTW (90C)
761	2	440813	ANIXTER	1015-14/41-9	WIRE, #14 AWG (2.1MM2), STRANDED COPPER, WHITE, 600V, CSA TEW (105C), UL AWM (105C), AND UL MTW (90C)
761	2	44314	ANIXTER	1015-14/41-5	WIRE, #14 AWG (2.1MM2), STRANDED COPPER, GREEN, 600V, CSA TEW (105C), UL AWM (105C), AND UL MTW (90C)
762	6	44550	ANIXTER	1028-8/133-54	WIRE, #8 AWG (8.4MM2), STRANDED COPPER, GRN/YEL, 600, CSA TEW (105C), UL AWM (105C), AND UL MTW (90C)
[769]	40	810413	ALPHA WIRE	5004C	22-4C STR TNC PVC JKT CM 105C 300V AWM 80C 300V
777	1	17366	CABLESANDKITS	PC6AS-BL-03	CAT6A, SHIELDED-COPPER ETHERNET PATCH CABLE, RJ45-RJ45, BOOTED, BLUE, 1 METER (3.28 FT.)

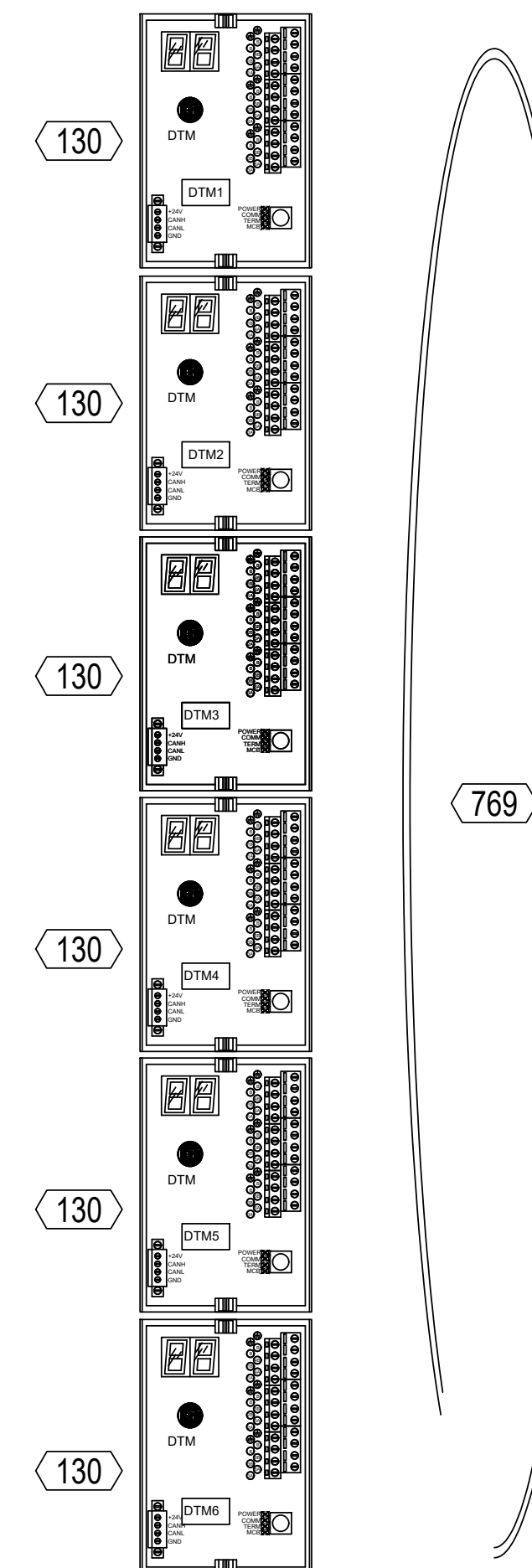
NOTE: ITEMS WITHOUT BRACKETS [] ARE NOT SHOWN ON THE LAYOUT.



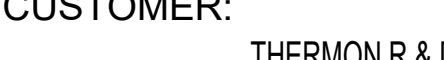
SWING-OUT PANEL FRONT VIEW



SWING-OUT PANEL REVERSE VIEW



DTMs and Power/CAN Cable
(SHIPPED SEPARATELY)

												GENESIS / TCM18 RETROFIT BILL OF MATERIALS AND EQUIPMENT LAYOUT 36 CIRCUIT						CUSTOMER: THERMON R & D		*THIS DRAWING IS PREPARED SOLELY FOR THE USE OF THE CONTRACTUAL CUSTOMER OF THERMON AND THERMON ASSUMES NO LIABILITY TO ANY OTHER PARTY FOR ANY REPRESENTATIONS CONTAINED IN THIS DRAWING.					
																				EHT PANEL DRAWINGS					
																				THERMON PROJECT. NO. 10J006364					
																				THERMON DWG. NO. 10J006364-P-02					
																				SHT. 1					
																				REV. 3					
REV	DATE	DESCRIPTION OF REVISION				DRAWN	DESIGNED	REVIEWED	APPROVED	REV	DATE	DESCRIPTION OF REVISION				DRAWN	DESIGNED	REVIEWED	APPROVED	ITEM NO. 17134				P.O.#	
										3	01/12/26	ISSUED FOR FABRICATION				BAR	BAR	DAJ	DAJ						
										2	07/15/25	ISSUED FOR FABRICATION				DAJ	DAJ	DAJ	DAJ						
										1	04/16/25	ISSUED FOR FABRICATION				WQR	BAR	DAJ	DAJ						
										0	02/20/24	ISSUED FOR FABRICATION				WQR	BAR	DAJ	DAJ						
										A	11/16/23	ISSUED FOR APPROVAL				BAR	BAR	DAJ	DAJ						

