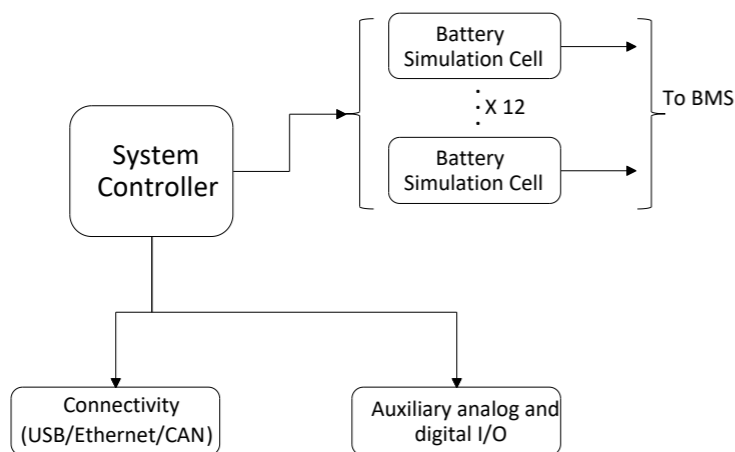
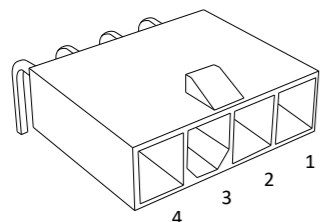


SYSTEM FUNCTIONALITY CHART

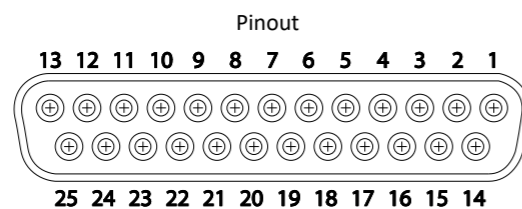


CELL OUTPUT CONNECTOR (CONNECTION TO BMS) (PART NO:0039303046)



1	2	3	4
Sense +	Vout +	Vout -	Sense -

Auxiliary I/O Connector (Part No:L77SDB2551ACH4F)



Pin Number	Connection	Pin Number	Connection	Pin Number	Connection	Pin Number	Connection
Pin 1	Analog In #1	Pin 7	GND	Pin 13	CANH	Pin 19	Analog In #1
Pin 2	Analog In #3	Pin 8	Digital I/O #2	Pin 14	Analog In #2	Pin 20	Analog In #3
Pin 3	Analog In #5	Pin 9	Digital I/O #4	Pin 15	Analog In #4	Pin 21	Analog In #5
Pin 4	Analog In #7	Pin 10	Digital I/O #6	Pin 16	Analog In #6	Pin 22	Analog In #7
Pin 5	GND	Pin 11	Digital I/O #8	Pin 17	Analog In #8	Pin 23	GND
Pin 6	Analog Out #1	Pin 12	GND	Pin 18	GND	Pin 24	Analog Out #1
						Pin 25	CANL

1.0 MECHANICAL SPECIFICATIONS:

1.1 ENCLOSURE MATERIAL: AL-5754
FINISH: POWDER TEXTURED MATTE PAINT, RAL 9005
CHEMICAL FILM PER SI-0000-0036, CLASS 2

2.0 ENVIRONMENTAL SPECIFICATIONS:

2.1 STORAGE TEMPERATURE: -40°C to 71°C (IEC 60068-2-1 & IEC 60068-2-2. MEETS MIL-PRF-28800F CLASS 3 LIMITS.)

2.2 OPERATING TEMPERATURE: 0°C to 50°C (IEC-60068-2-1 & IEC-60068-2-2. MEETS MIL-PRF-28800F CLASS 3 LOW TEMPERATURE LIMIT AND MIL-PRF-28800F CLASS 2 HIGH TEMPERATURE LIMIT.)

2.3 OPERATING HUMIDITY: 10% TO 90%, NONCONDENSING (IEC 60068-2-78)

2.4 STORAGE HUMIDITY: 5% TO 95%, NON CONDENSING (IEC 60068-2-78)

2.5 OPERATING VIBRATION: 5 HZ TO 500 HZ, 0.3 GRMS (WITH SOLID-STATE HARD DRIVE)

2.6 NON-OPERATING VIBRATION: 5 HZ TO 500 HZ, 2.4 GRMS (IEC 60068-2-64. NON-OPERATING TEST PROFILE EXCEEDS THE REQUIREMENTS OF MIL-PRF-28800F, CLASS 3.)

2.7 SHOCK: 30 G PEAK, HALF-SINE, 11 MS PULSE (IEC 60068-2-27. MEETS MIL-PRF-28800F CLASS 2 LIMITS.)

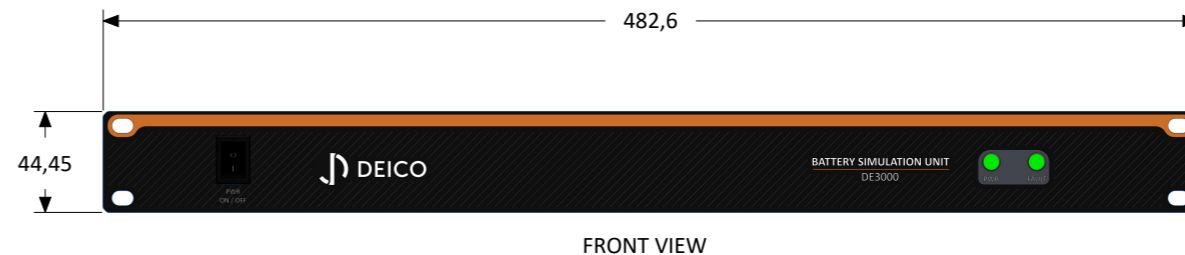
2.8 ACOUSTIC: ACOUSTIC TESTING SHOULD BE CARRIED OUT ACCORDING TO ISO-7779 ON A STANDARD TEST TABLE AT THE OPERATOR POSITION. CHASSIS TESTING SHOULD BE CONDUCTED WITH THE CHASSIS RUNNING AT FULL LOAD WITH FRONT PANELS INSTALLED. IF MULTIPLE FAN SPEED OPTIONS ARE AVAILABLE, THE SOUND PRESSURE LEVELS SHALL BE PROVIDED FOR THE VARIOUS FAN SPEED OPTIONS.

2.9 EMI/EMC:

EN 61326-1 (IEC 61326-1): CLASS A EMISSIONS; BASIC IMMUNITY
EN 55011 (CISPR 11): GROUP 1, CLASS A EMISSIONS
EN 55022 (CISPR 22): CLASS A EMISSIONS
EN 55024 (CISPR 24): IMMUNITY
AS/NZS CISPR 11: GROUP 1, CLASS A EMISSIONS
AS/NZS CISPR 22: CLASS A EMISSIONS
FCC 47 CFR PART 15B: CLASS A EMISSIONS
ICES-001: CLASS A EMISSIONS

3.0 SAFETY REQUIREMENTS:

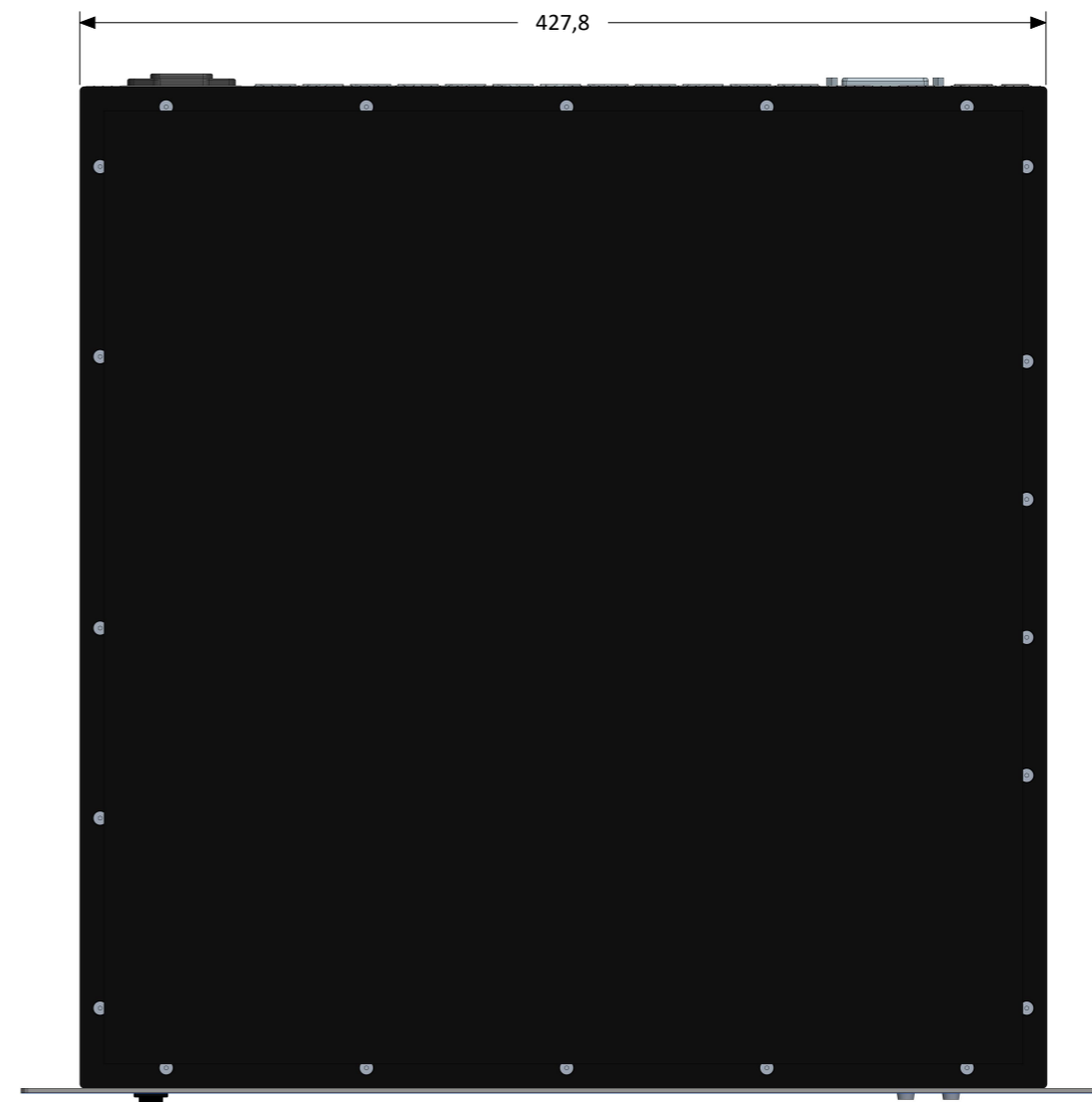
IEC 61010-1, EN 61010-1
UL 61010-1, CSA C22.2 No. 61010-1



FRONT VIEW



BACK VIEW



TOP VIEW

SIDE VIEW

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.

PRODUCT NAME					 www.deico.com.tr
12 CH BATTERY CELL SIMULATOR					
DOCUMENT NAME					SHEET
DE3000 - TECHNICAL DRAWING					
SIZE	SCALE	REVISION	REVISION DATE		
A3	13:100	0	15.08.2023		1/1