

D

C

B

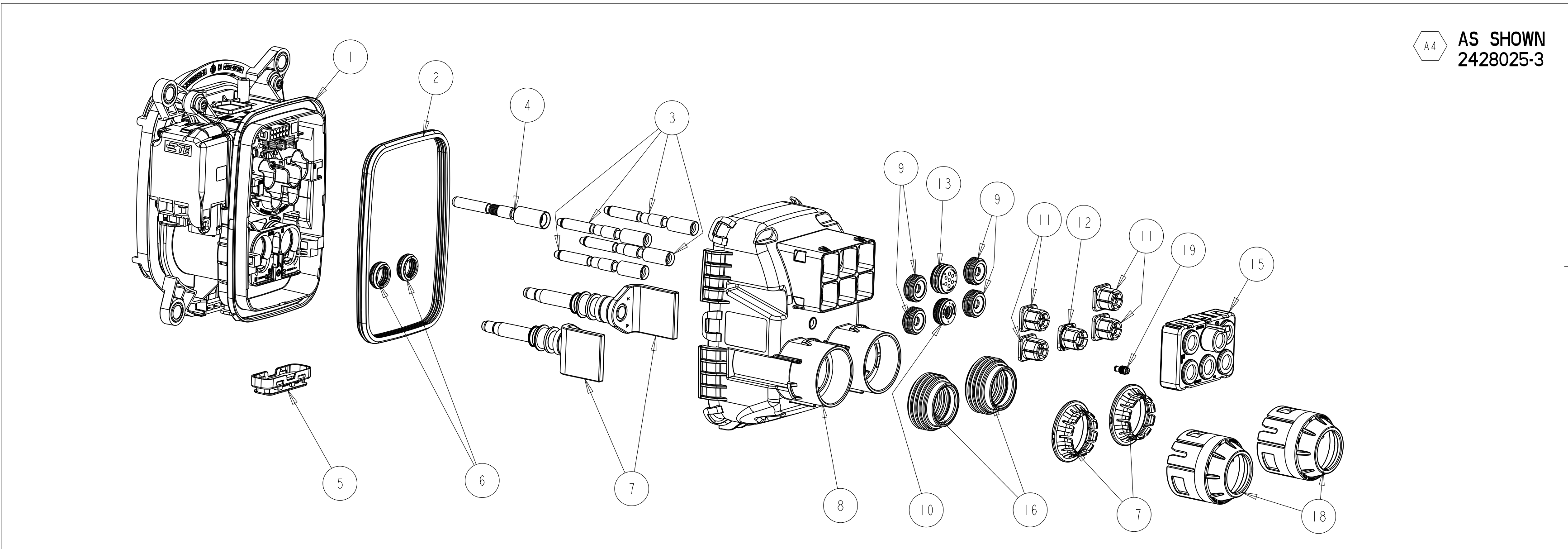
A

D

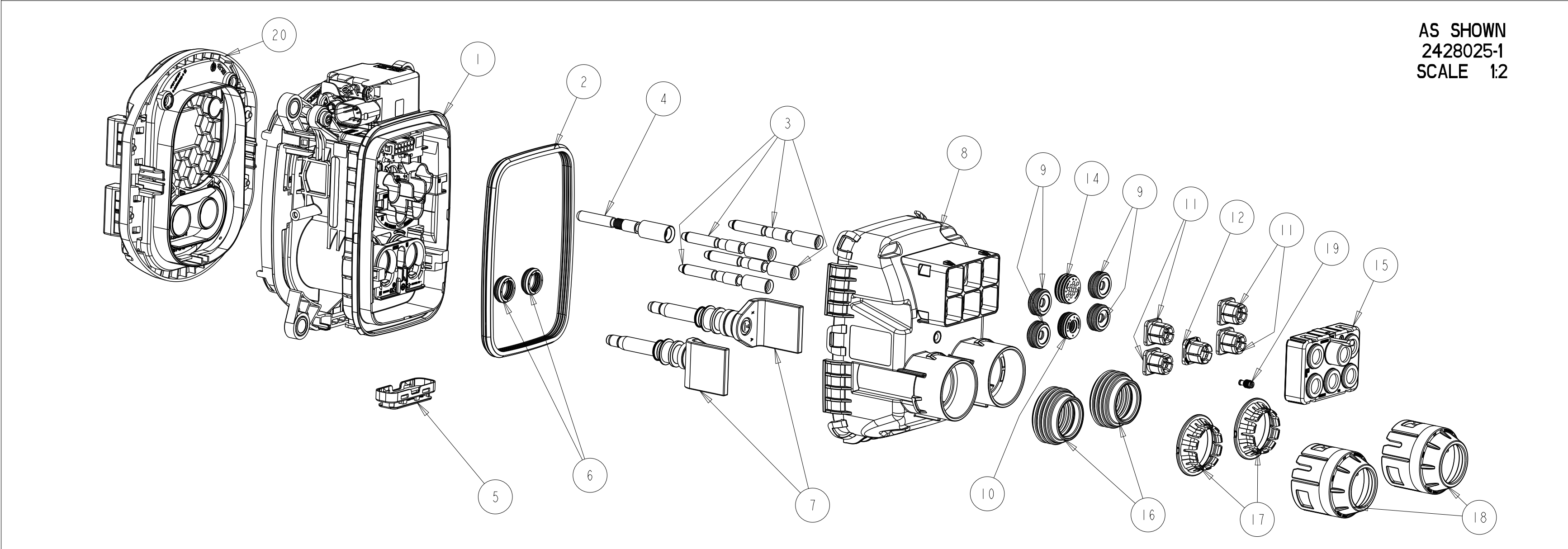
C

B

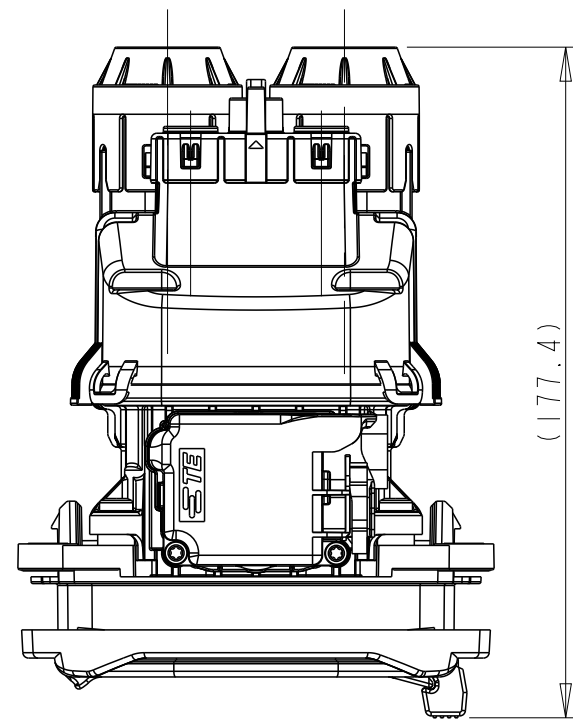
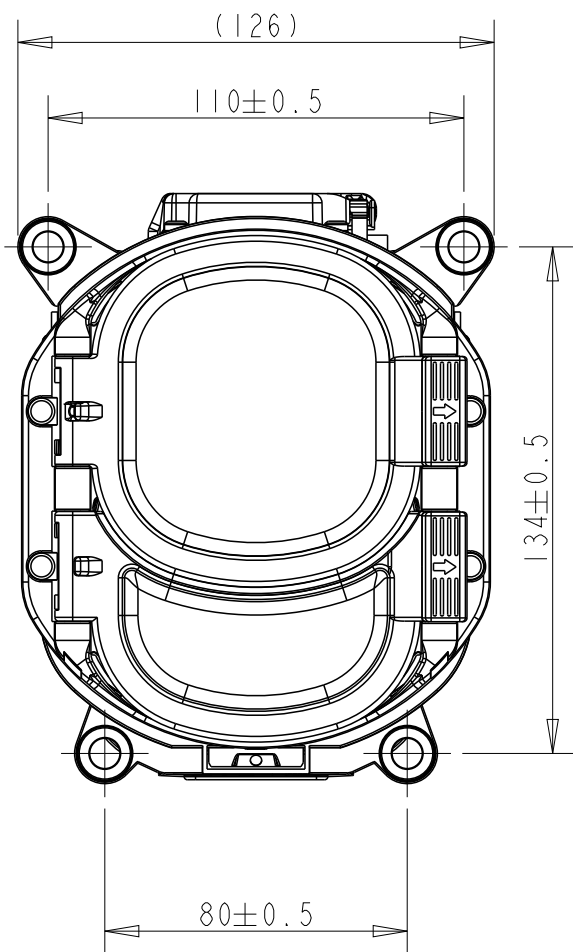
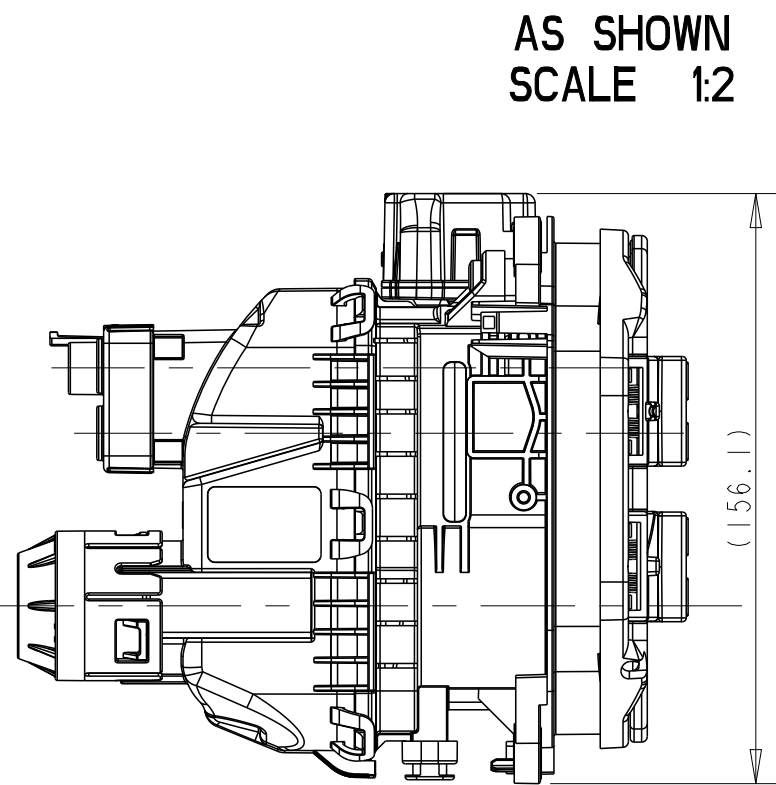
A



A4 AS SHOWN
2428025-3



AS SHOWN
2428025-1
SCALE 1:2



REVISIONS				
P	LYR	DESCRIPTION	DATE	DWN
A1		PCN-24-214967	30JUL2024	AJ
A2		PCN-25-247497	12JUN2025	KG
A3		PCN-25-262999	20NOV2025	KG
A4		PCN-26-280538	25MAY2026	KG

NOTES

- PACKED INTERLAYERED IN PLASTIC BAG IN CORRUGATED SHIPPING BOX
- CHARGE INLET SIMILAR TO IEC62196-3.CCS 2, SHEET 3-IVa
- CHARGE INLET SIMILAR TO IEC62196-2,TYPE 11, SHEET 2-11f
- ADAPTIVE CABLES SEE APPLICATION SPECIFICATION 114-94786
- COMPATIBLE PCB CONNECTOR: PN 1-794617-2 WITH TERMINAL PN 0-794606-1
- FUNCTIONAL AND ELECTRICAL REQUIREMENTS OF ACTUATOR SEE SPECIFICATION 108-94519
- COMPATIBLE CONNECTOR FOR ACTUATOR: 1-967640-1
- APPLICABLE SCREWS FOR MOUNTING, HEAD DIAMETER MIN. 10.5mm, TORQUE 6Nm±0.9Nm FOR M6 SCREWS
- DELIVERY CONDITION: SEC LOCK IN PRELOCK CONDITION
- DELIVERY CONDITION ACTUATOR: ACTUATOR IN BASE POSITION
- MAKE SURE THAT NO MECHANICAL FORCES ARE APPLIED ON THE HEADER OF PCBA
- MAXIMUM VOLTAGE RATING 480 VAC
MAXIMUM CONTINUOUS CURRENT RATING 63 A
- MAXIMUM VOLTAGE RATING 1000 VDC
MAXIMUM CONTINUOUS CURRENT RATING 500 A
- ALL COMPONENTS OF THE PARTS LISTED ARE DELIVERED IN SEPARATE SUB PACKAGES

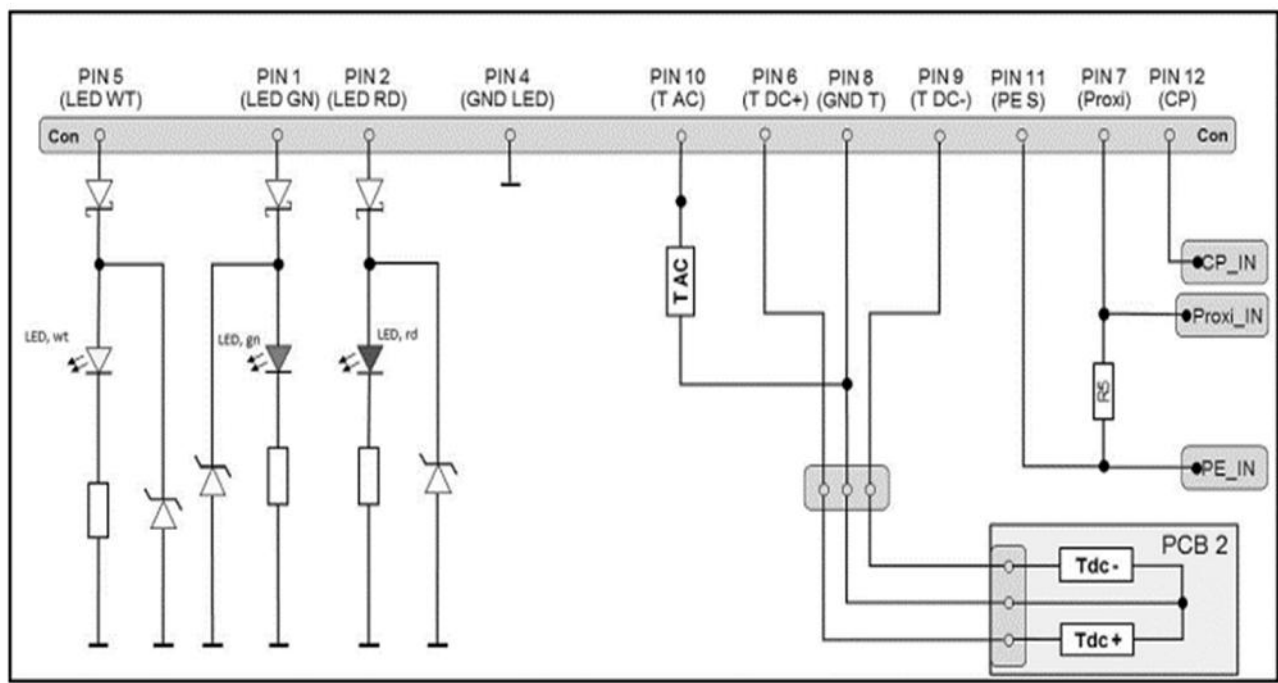
PINNING PCB

PIN NO.	COMBO 1
1	LED gn
2	LED rd
3	-
4	GND LED
5	LED wt
6	T DC+
7	Proxi
8	GND, Temp
9	T DC-
10	T AC
11	PE S
12	CP

TEST ITEM	TEST VOLTAGE		GROUND PIN	PROPERTY	
	VALUE	PIN		LIGHT EMISSION	CURRENT
LED WHITE	11V±0.2V	5	4	WHITE	20mA+4mA
LED GREEN	11V±0.2V	1	4	GREEN	20mA+4mA
LED RED	11V±0.2V	2	4	RED	20mA+4mA

TEST ITEM	RESISTANCE MEASUREMENT		VALUE @T _{amb} : 25° ±5° C
	TEST PINS		
TAC	10	8	1097Ω ±20Ω
TDC +	6	8	1097Ω ±20Ω
TDC -	9	8	1097Ω ±20Ω
R5	11	7	4700Ω ±140Ω
Proxi	Proxi	7	0Ω +1Ω
CP	CP	12	0Ω +1Ω

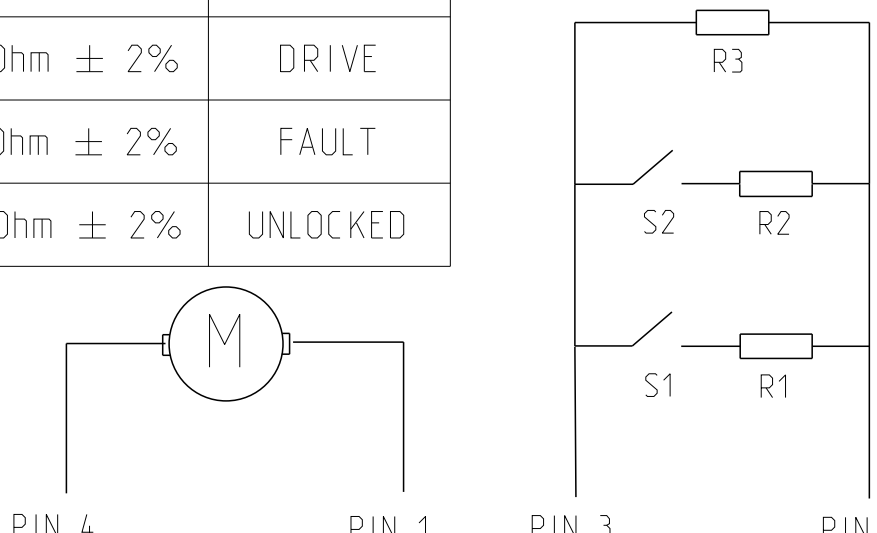
CIRCUIT DIAGRAM (FOR INFORMATION ONLY)



3-2293469-2 : 12V ACTUATOR
4-2293469-2 : 24V ACTUATOR
4 WIRE VARIANT:

PIN 3	PIN 2	SENSE RESISTANCE	FUNCTION
-	+	11,000 kOhm ± 2%	LOCKED
-	+	2,194 kOhm ± 2%	DRIVE
-	+	1,540 kOhm ± 2%	FAULT
-	+	0,989 kOhm ± 2%	UNLOCKED

PIN 1	PIN 4	FUNCTION
-	+	UNLOCKING
+	-	LOCKING

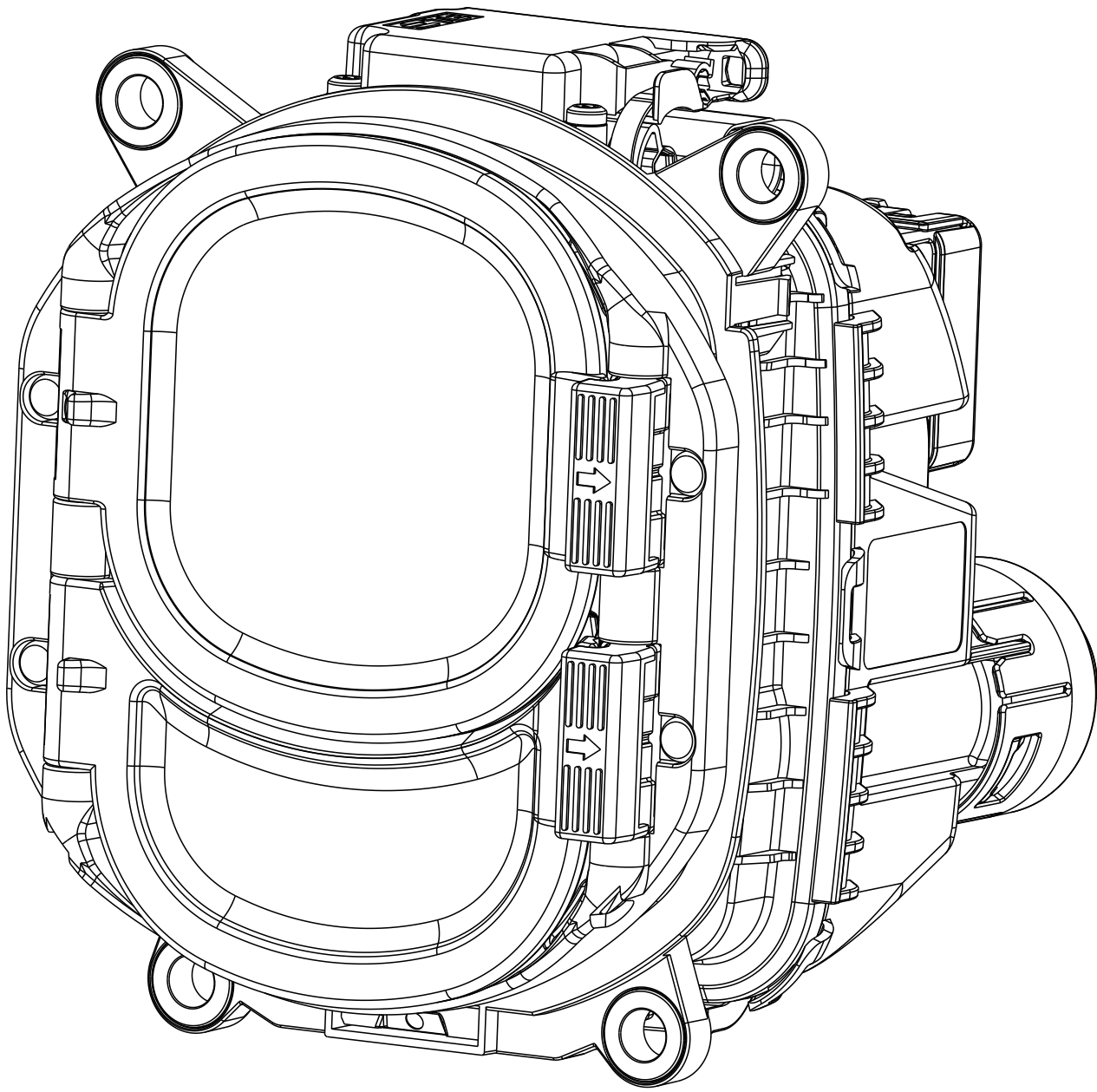


A4				A4			
1	1	1	963143-1	MOS BLIND PLUG	SILICON	WHITE	19
2	2	2	2399669-3	DC SINGLE SEAL COVER, 120 mm ²	PA66-GF30	ORANGE	18
2	2	2	2399668-3	STRAIN RELIEF, 120 mm ²	PA66-GF30	BLACK	17
2	2	2	2399667-3	RADIAL SEAL, 120 mm ²	LIQUID SILICONE RUBBER	YELLOW	16
1	1	1	2415869-1	AC LARGE EXIT BACK COVER	PBT-GF30	BLACK	15
-	-	1	2401251-1	GROMMET SEAL, 11 X 0.35/0.5 mm2 WIRE	LUBRICATED SILICONE	YELLOW	14
1	1	-	2418662-1	GROMMET SEAL, 7 X 0.35/0.5 mm2 WIRE	LUBRICATED SILICONE	BROWN	13
1	1	1	2390861-1	STRAIN RELIEF_PE, 25 mm2	PBT-GF30	BLACK	12
4	4	4	2369841-3	STRAIN RELIEF AC	PBT-GF30	BLUE	11
1	1	1	2418661-1	SINGLE WIRE SEAL PE, 25 mm ²	LUBRICATED SILICONE	LIGHT BLUE	10
4	4	4	2369839-4	SINGLE WIRE AC SEAL	LUBRICATED SILICONE	CHERRY RED	9
1	1	1	2390858-4	CABLE EXIT, LARGER AC	PA6-GF30	ORANGE	8
2	-	-	2390840-3	DIA 8MM,PIN TERMINAL ASSY	COPPER	TENDUR	7
-	2	2	2390840-2	SEALING	VMQ	RED	6
2	2	2	2338077-1	PROTECTION CAP,WATER DRAIN	PA6-GF10+GB20	BLACK	5
1	1	1	2292534-1	PIN DIA 6.0, RIGID, POWER PE	BRASS	TENDUR	4
-	-	-	2293270-8	PIN DIA 6.0, RIGID, POWER AC 16mm ² ASSY	COPPER	SILVER	3
4	4	4	2415870-1	PERIPHERIAL SEAL COMBO	VMQ	SIGNAL BLUE	2
1	1	1	2338079-1	COMBO 2, CHARGE INLET ASSY W/O LED 12V ACTUATOR, RIGHT ACTUATOR	-	-	1
1	1	-	2415865-6	COMBO 2, CHARGE INLET ASSY W/O LED 12V ACTUATOR, TOP ACTUATOR	-	-	1
-	-	-	2415865-2	COMBO 2, CHARGE INLET ASSY WITH LED 12V ACTUATOR, TOP ACTUATOR	-	-	1
-	-	1	2415865-1	COMBO 2, CHARGE INLET ASSY WITH LED 12V ACTUATOR, TOP ACTUATOR	-	-	1

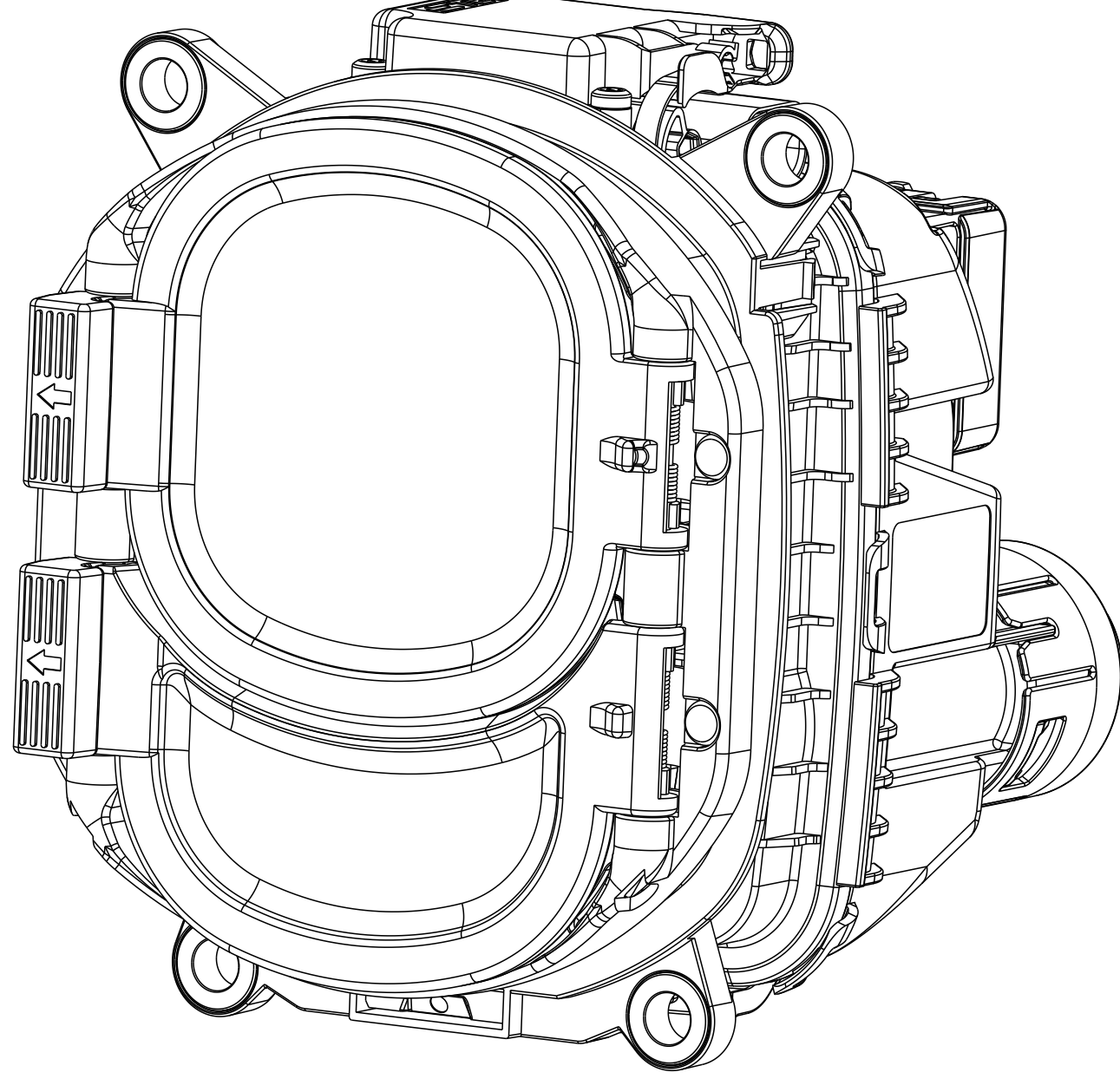
2428025-3	2428025-2	2428025-1	ORDER PN	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO
COMBO 2, CHARGE INLET KIT ASSY, LARGER AC, W/O LED, 12V RIGHT ACTUATOR	COMBO 2, CHARGE INLET KIT ASSY, LARGER AC, W/O LED, 12V ACTUATOR	COMBO 2, CHARGE INLET KIT ASSY, LARGER AC, WITH LED, 12V ACTUATOR					
THIS DRAWING IS A CONTROLLED DOCUMENT.							
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED			
MATERIAL SEE TABLE				DIN 20457 DIN EN ISO 8015 (A1) - DIN EN ISO 291 DIN EN ISO 14405-1/-2/-3			
SIZE				CAGE CODE			
DRAWING NO				RESTRICTED TO			
SCALE				REV			
SHEET				OF			
CUSTOMER DRAWING				A4			

VARIANTS OVERVIEW

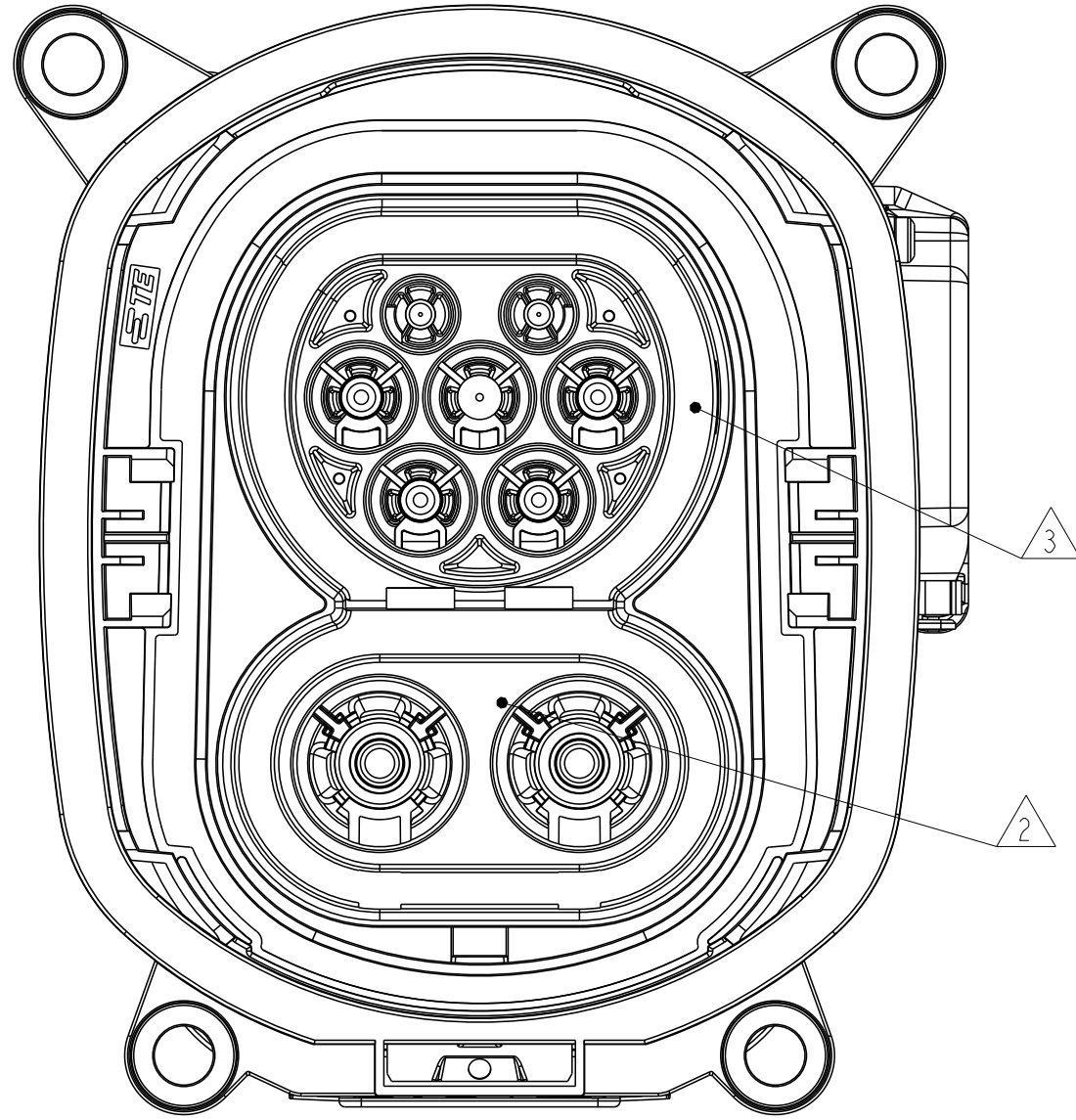
CHARGE INLET ASSEMBLY 180° DC & 180° AC
FLAP ASSEMBLY LEFT
SCALE 1:1



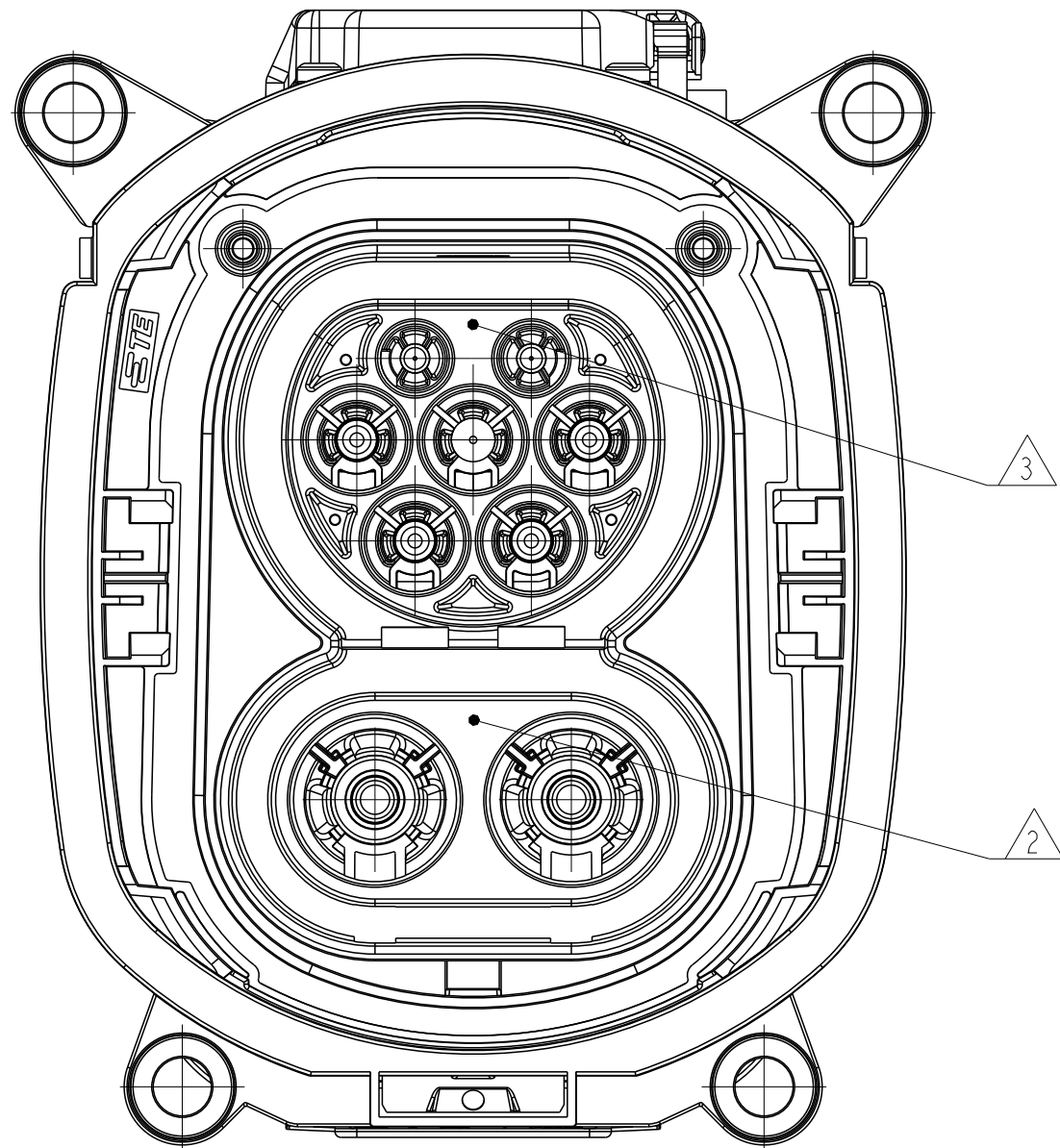
CHARGE INLET ASSEMBLY 180° DC & 180° AC
FLAP ASSEMBLY RIGHT
SCALE 1:1



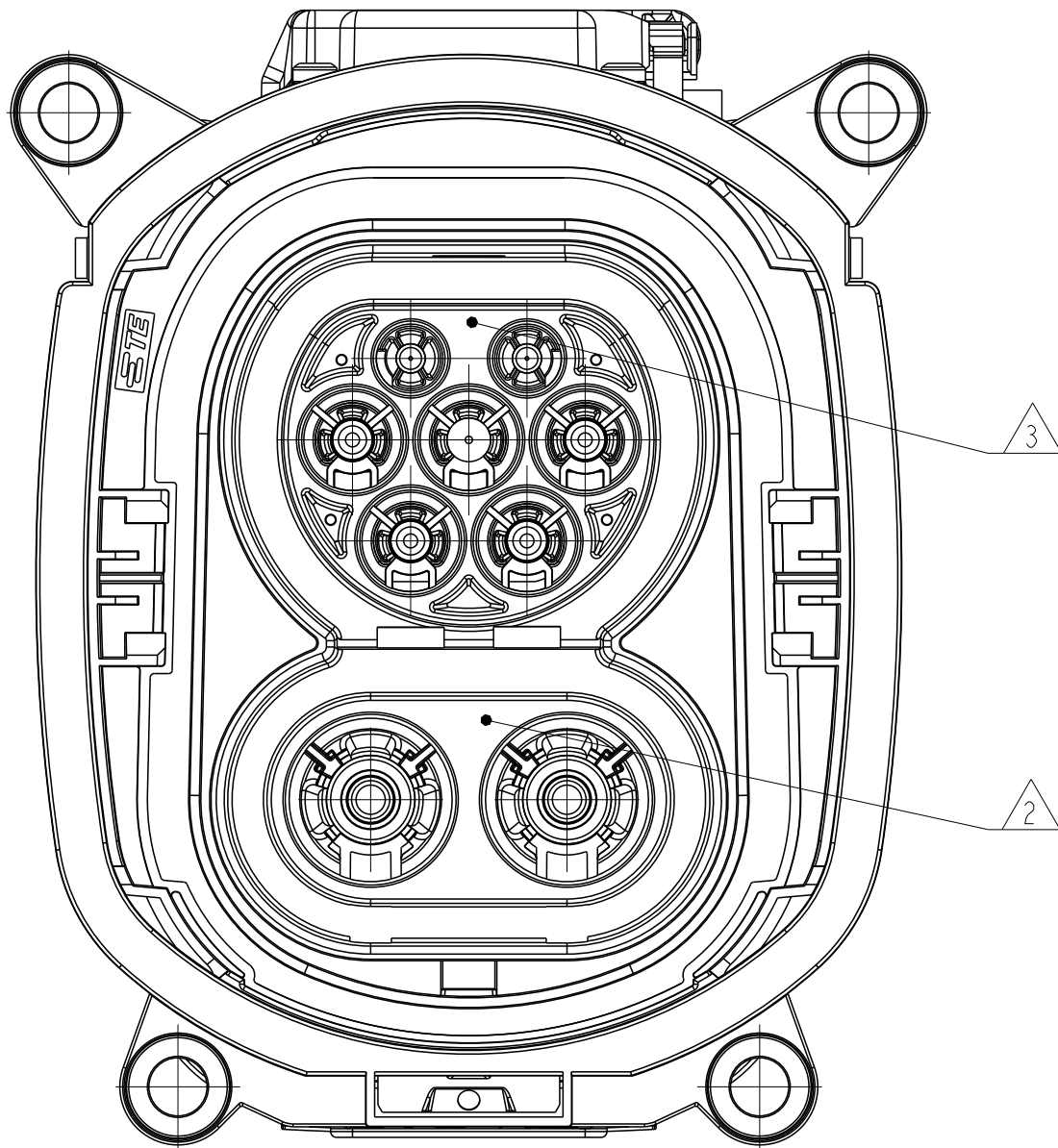
WITHOUT FLAP ASSEMBLY-WITH AC & W/O LED
2428025-3 SCALE 1:1



WITHOUT FLAP ASSEMBLY-WITH AC & WITH LED
SCALE 1:1



WITHOUT FLAP ASSEMBLY-WITH AC & W/O LED
SCALE 1:1



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

FLAP OPTIONS AVAILABLE				
ITEM NO	DESCRIPTION	ORDER PN	QTY	IMAGE
20	FLAP ASSY WITH LED, LEFT	2358664-6	1	SECTION B-B SCALE 14
	FLAP ASSY WITH LED, RIGHT	2358664-8	1	SECTION B-B SCALE 14
21	FLAP ASSY WITHOUT LED, LEFT	2358664-2	1	SECTION B-B SCALE 14
	FLAP ASSY WITHOUT LED, RIGHT	2358664-4	1	SECTION B-B SCALE 14

1	1	963143-1	MQS BLIND PLUG	SILICON	WHITE	19
2	2	2399669-3	DC SINGLE SEAL COVER, 120 mm ²	PA66-GF30	ORANGE	18
2	2	2399668-3	STRAIN RELIEF, 120 mm ²	PA66-GF30	BLACK	17
2	2	2399667-3	RADIAL SEAL, 120 mm ²	LIQUID SILICONE RUBBER	YELLOW	16
1	1	2415869-1	AC LARGE EXIT BACK COVER	PBT-GF30	BLACK	15
-	1	2401251-1	GROMMET SEAL, 11 X 0.35/0.5 mm2 WIRE	LUBRICATED SILICONE	YELLOW	14
1	-	2418662-1	GROMMET SEAL, 7 X 0.35/0.5 mm2 WIRE	LUBRICATED SILICONE	BROWN	13
1	1	2390861-1	STRAIN RELIEF,PE, 25 mm2	PBT-GF30	BLACK	12
4	4	2369841-3	STRAIN RELIEF AC	PBT-GF30	BLUE	11
1	1	2418661-1	SINGLE WIRE SEAL PE, 25 mm ²	LUBRICATED SILICONE	LIGHT BLUE	10
4	4	2369839-4	SINGLE WIRE AC SEAL	LUBRICATED SILICONE	CHERRY RED	9
1	1	2390858-4	CABLE EXIT, LARGER AC	PA6-GF30	ORANGE	8
2	2	2390840-2	DIA 8MM,PIN TERMINAL ASSY	COPPER	SILVER/TIN	7
2	2	2338077-1	SEALING	VMQ	RED	6
1	1	2292534-1	PROTECTION CAP,WATER DRAIN	PA6-GF10+GB20	BLACK	5
1	1	2293270-5	PIN DIA 6.0, RIGID, POWER PE	BRASS	SILVER	4
4	4	2415870-1	PIN DIA 6.0, RIGID, POWER AC 16mm ² ASSY	COPPER	SILVER	3
1	1	2338079-1	PERIPHERIAL SEAL COMBO	VMQ	SIGNAL BLUE	2
1	-	2415865-5	COMBO 2, CHARGE INLET ASSY W/O LED 	-	-	1
-	1	2415865-4	COMBO 2, CHARGE INLET ASSY WITH LED 	-	-	
1-2428025-2		1-2428025-1				
COMBO 2, CHARGE INLET KIT ASSY, LARGER AC, W/O LED, 24V ACTUATOR	COMBO 2, CHARGE INLET KIT ASSY, LARGER AC, WITH LED, 24V ACTUATOR	ORDER PN	PART DESCRIPTION	MATERIAL	SURFACE/COLOR	ITEM NO

DIMENSION AND TOLERANCES ACCORDING TO:

A4 DIN 20457
DIN EN ISO 8015 (A4) - DIN EN ISO 291
DIN EN ISO 14405-1/-2/-3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN AJITH JAMES CHK AMRUTHA RAO C H APVD KASHYAP P B	TE Connectivity	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED	PRODUCT SPEC 108-94891	NAME CCS2-KIT ASSY_120SQMM-63A	
	0 PLC +0.1 1 PLC +0.1 2 PLC +0.001 3 PLC +0.001 4 PCC +0.0001 ANGLES FINISH	APPLICATION SPEC 114-94786	SIZE A1	
MATERIAL SEE TABLE	-	WEIGHT -	CAGE CODE 00779	
CUSTOMER DRAWING		DRAWING NO C=2428025		RESTRICTED TO -
		SCALE 1:1		SHEET 2 OF 2
				REV A4