

E vietato assegnare a terzi o riprodurre questo documento, utilizzarne il contenuto o renderlo comunque noto a terzi senza esplicita autorizzazione. Ogni infrazione comporta il risarcimento dei danni e la restituzione della documentazione. La concessione di brevetti per invenzioni industriali, di utilità o di brevetti per modelli ornamentali.

Senza nostra espresa autorizzazione, questa temerariamente proibita la riproduzione totale o parziale di questo documento, così come su uso pubblico o in qualsiasi forma di comunicazione o informazione. La concessione di brevetti per invenzioni industriali, di utilità o di brevetti per modelli ornamentali.

Este documento es propiedad de CAF Power & Automation. La reproducción, transmisión o su uso por terceras personas de este documento o de su contenido no está permitido sin expresa autorización escrita.

The ownership of this document belongs to CAF Power & A. Any reproduction, transmission or use by third parties of this document contents whether total or partial is not authorized without previous contract or written authorization.



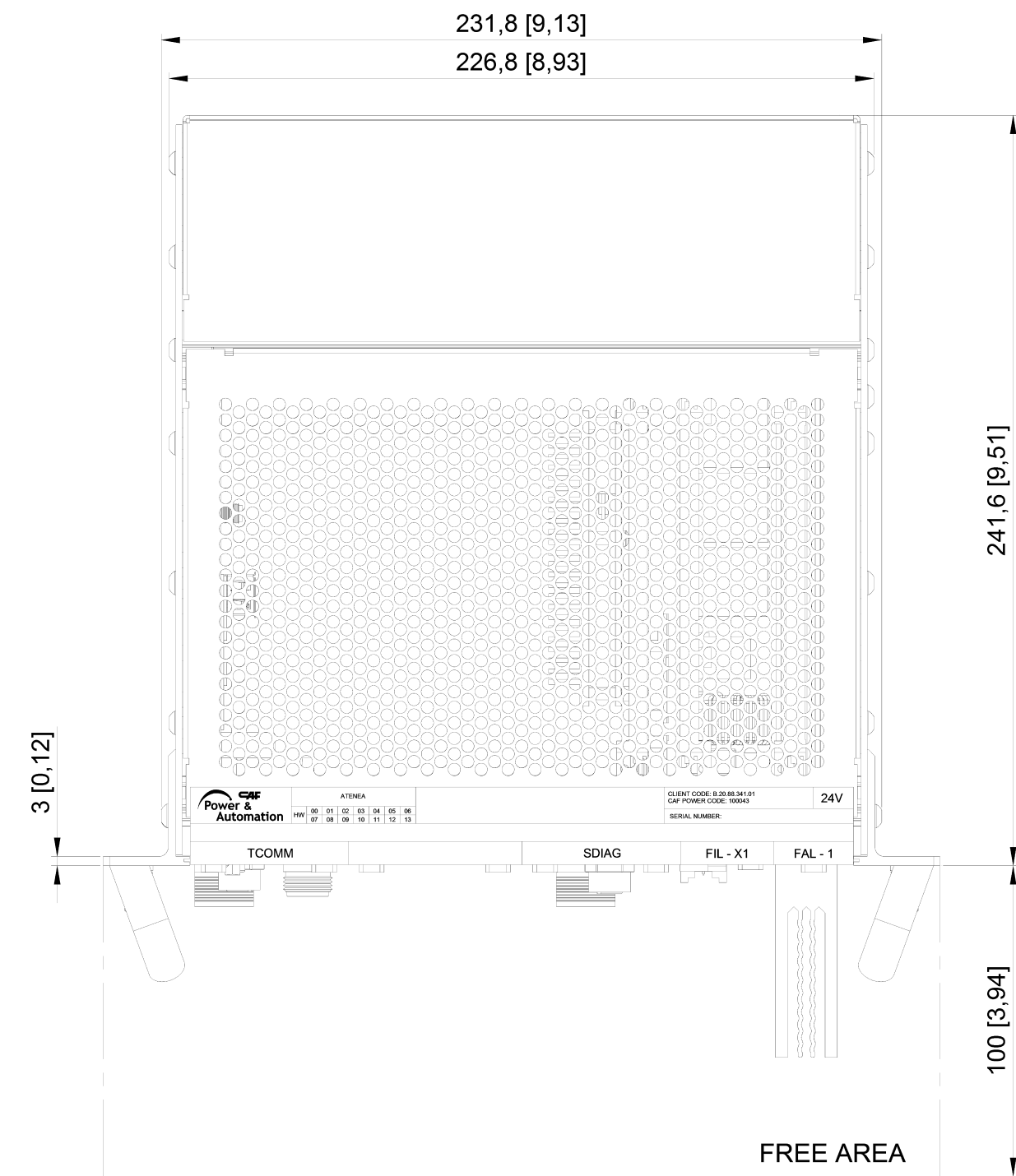
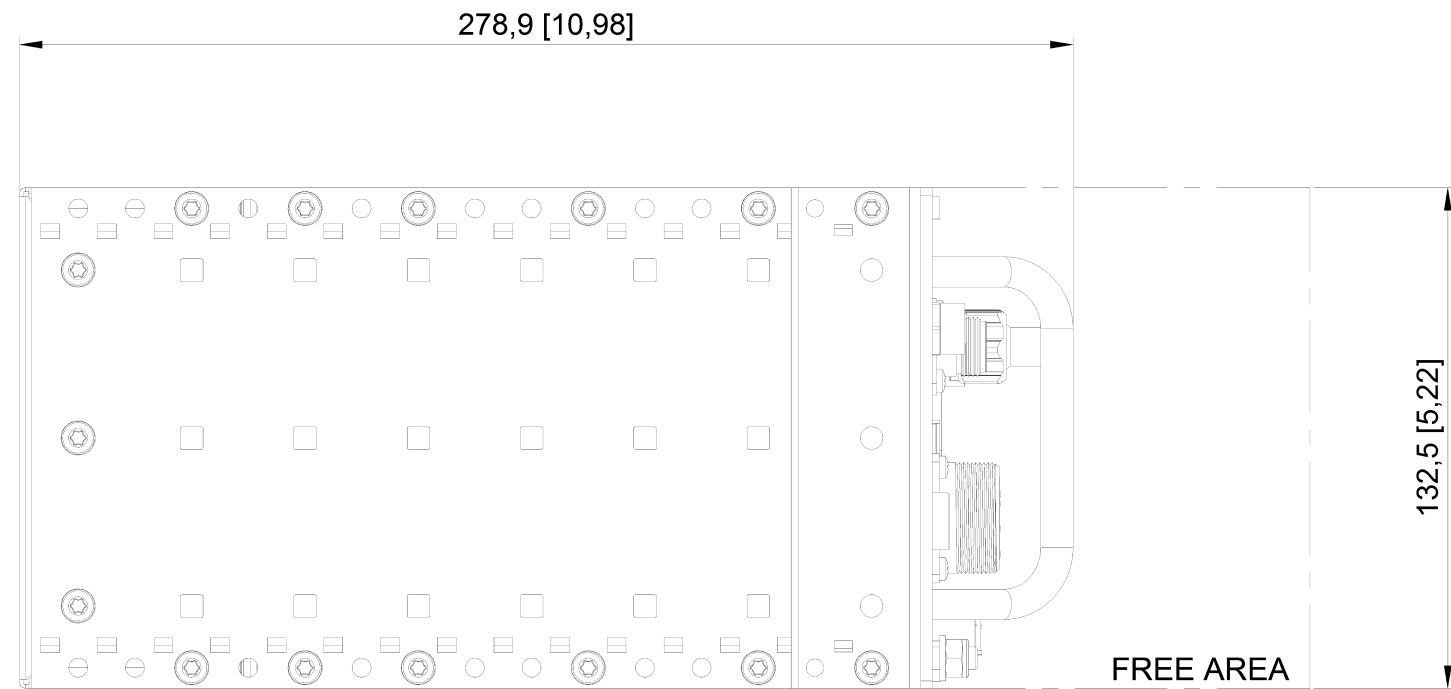
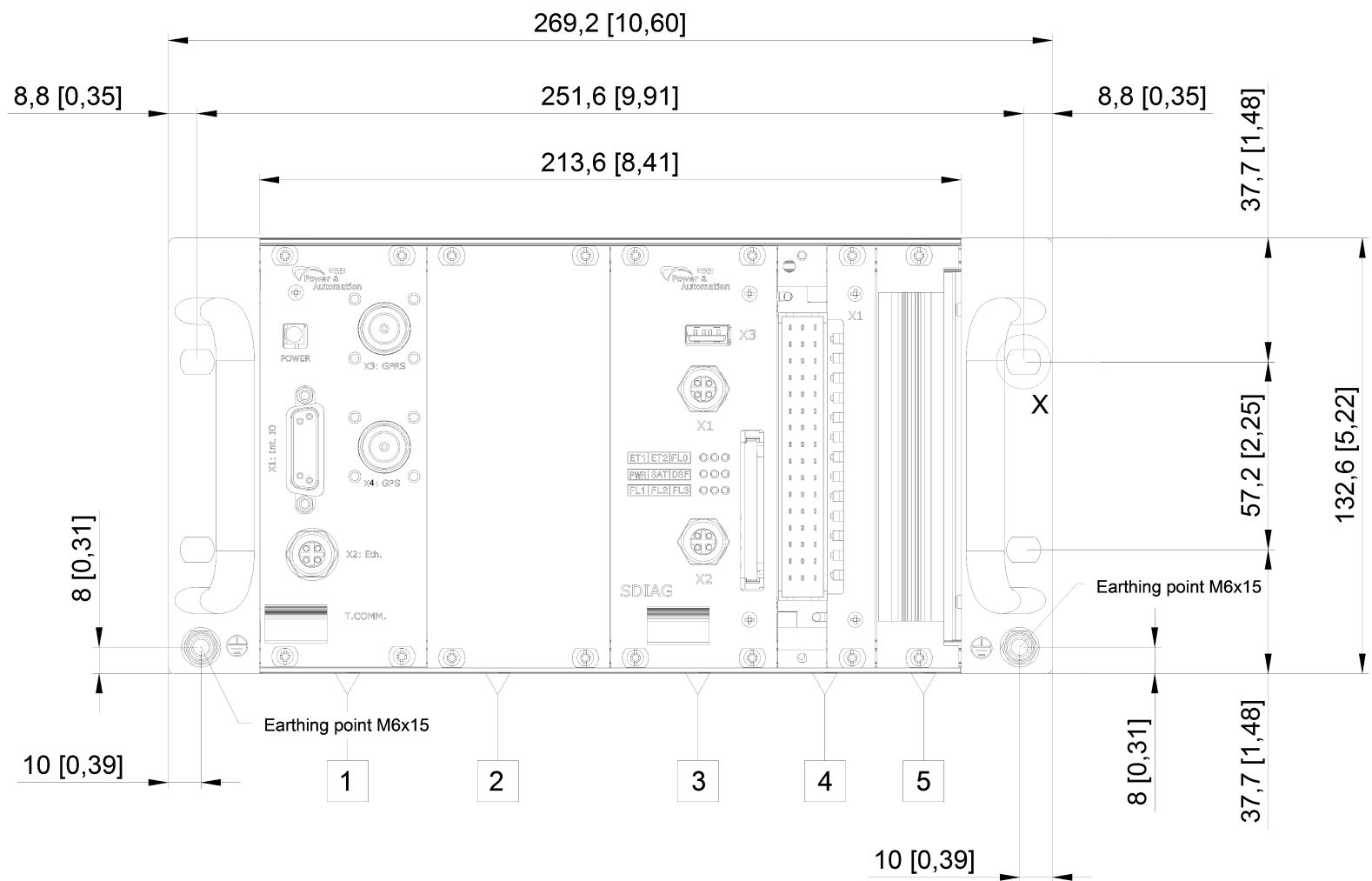
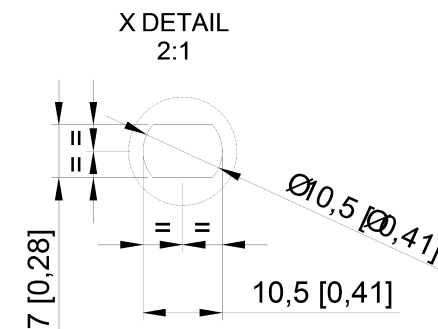
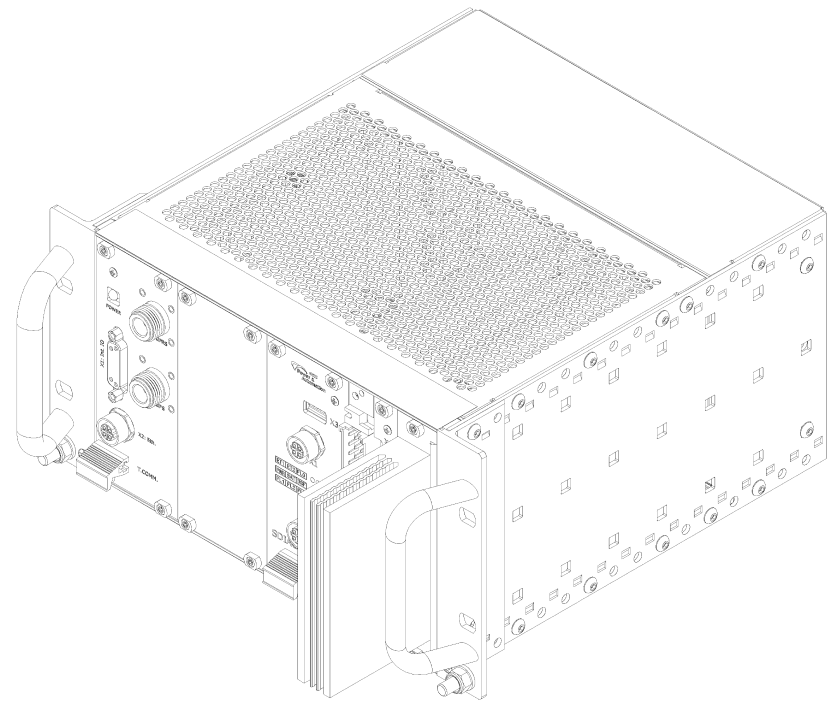
Dimensions in: mm [inches]

Weight 3 Kg / 6.6 lb

| Ver. | Date | Name | MODIFICATION |
|------|----------|--------|---------------------------|
| 1 | 26-03-14 | G.Tomé | Generation of the drawing |
| 2 | 08-04-16 | G.Tomé | SDIAG code updated |
| 3 | 25-11-16 | G.Tomé | Update |
| 4 | 12-12-16 | G.Tomé | X1 PWR pinout updated |

| SCALE | 1/2 |
|----------|---------------------------|
| Drawn | Date 26-03-14 Name G.Tomé |
| Approved | Date 26-03-14 Name G.Tomé |

| GENERAL LINEAR TOLERANCES DIN-ISO 2768 | | | | | |
|--|--------|-------|-------|------|-------|
| TOLERANCE CLASS | | > 0,5 | > 3 | > 6 | > 30 |
| f | fine | ±0.05 | ±0.05 | ±0,1 | ±0,15 |
| m | medium | ±0.1 | ±0.1 | ±0,2 | ±0,3 |



| X1 POWER CONNECTOR DIN41612 F48 MALE | | |
|--------------------------------------|---------------|--------|
| CONNECTOR | PIN | SIGNAL |
| 32 | 32z, 32b, 32d | NC |
| 30 | 30z, 30b, 30d | NC |
| 28 | 28z, 28b, 28d | Vbatt+ |
| 26 | 26z, 26b, 26d | Vbatt- |
| 24 | 24z, 24b, 24d | NC |
| 22 | 22z, 22b, 22d | NC |
| 20 | 20z, 20b, 20d | NC |
| 18 | 18z, 18b, 18d | NC |
| 16 | 16z, 16b, 16d | NC |
| 14 | 14z, 14b, 14d | NC |
| 12 | 12z, 12b, 12d | NC |
| 10 | 10z, 10b, 10d | NC |
| 8 | 8z, 8b, 8d | NC |
| 6 | 6z, 6b, 6d | NC |
| 4 | 4z, 4b, 4d | NC |
| 2 | 2z, 2b, 2d | NC |

| TCOMM X1 CONNECTOR | | |
|--------------------|-----|-----------------|
| CONNECTOR | PIN | SIGNAL |
| 1 | 1 | Audio Out+ |
| 2 | 2 | Shield |
| 3 | 3 | Audio In+ |
| 4 | 4 | NC |
| 5 | 5 | Relay Out1 SR1+ |
| 6 | 6 | Digital Input1 |
| 7 | 7 | NC |
| 8 | 8 | NC |
| 9 | 9 | Audio Out- |
| 10 | 10 | Shield |
| 11 | 11 | Audio Input- |
| 12 | 12 | NC |
| 13 | 13 | Relay Out1 SR- |
| 14 | 14 | Common DI 1 |
| 15 | 15 | NC |

| TCOMM X3 / X4 GPRS/GPS ANTENNA CONNECTOR | |
|--|------------------|
| CONNECTOR | |
| X3: GPRS | N - FEMALE PANEL |
| | 50 Ohmios |

| X2 ETHERNET CONNECTOR | | |
|-----------------------|-----|--------|
| CONNECTOR | PIN | SIGNAL |
| Pin 3 | 1 | TX+ |
| | 2 | RX+ |
| | 3 | TX- |
| | 4 | RX- |
| Pin 2 | | |
| Pin 4 | | |
| Pin 1 | | |

| | | | | | |
|-------------|---------------------------|----------------|-------------------|----------------|-----------|
| 5 | Modulo DCDC+Disipador_24V | 070046 | -- | 5 HP | 1 |
| 4 | Modulo TFIL101_24V | 070054 | -- | 6 HP | 1 |
| 3 | SDIAG MSC-CXC-BT | 070250 | -- | 10 HP | 1 |
| 2 | PL_11_CIEGA | 010868 | -- | 11 HP | 1 |
| 1 | TITAN GPS+GPRS 10HP | 100052 | -- | 8 HP | 1 |
| Pos. | Description | CAF Power Code | Manufacturer Part | Notes | Quant. |
| Reference | | | | Drawing number | 100043-00 |
| Designation | | | | Version | 04.00 |

| | | | | | | |
|-------|-----------------|--------|----------------|-----------------------|-------|-------------|
| 01 | RACK 42HP SDIAG | 1 | | CAF P&A | 3.000 | |
| | 42HP SDIAG RACK | | | 100043 | | |
| MARCA | DESCRIPCIÓN | CANT. | CÓDIGO O NORMA | MATERIAL O REFERENCIA | PESO | DIMENSIONES |
| MARCA | DESCRIZIONE | QUANT. | CODICE O NORMA | MATERIALE O REFERENZA | PESO | DIMENSIONES |
| | | | | | (Kg) | (mm) |

| | | | | | | |
|---|------------------|----------------------------------|-------|-----------------|-----|---|
| LOCOMOTIVA E401 | | 3.000 | A1 | BEASAIN | OT | Y |
| A Modificar cajetín | 2016-07-04 96411 | ISO 2768 -cK DIN ISO 13920-BF | | | | |
| B ACTUALIZAR | 2016-12-23 14518 | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Ed. | Descrizione | Date | Nome | RACK 42HP SDIAG | | |
| X:X | Disegnato | 01/07/2015 | 10221 | | | |
| | Comprovato | 01/07/2015 | 14044 | | | |
| | Verificato | 01/07/2015 | 14422 | | | |
| | | Date | Nome | 42HP SDIAG RACK | | |
| | | es/it | | | | |
| | | B.20.88.341 | | B | 1/1 | |
| CONSTRUTTORES Y AUXILIAR DE FERROCARRILES, S.A. | | BEASAIN (GIPUZKOA) | | | | |