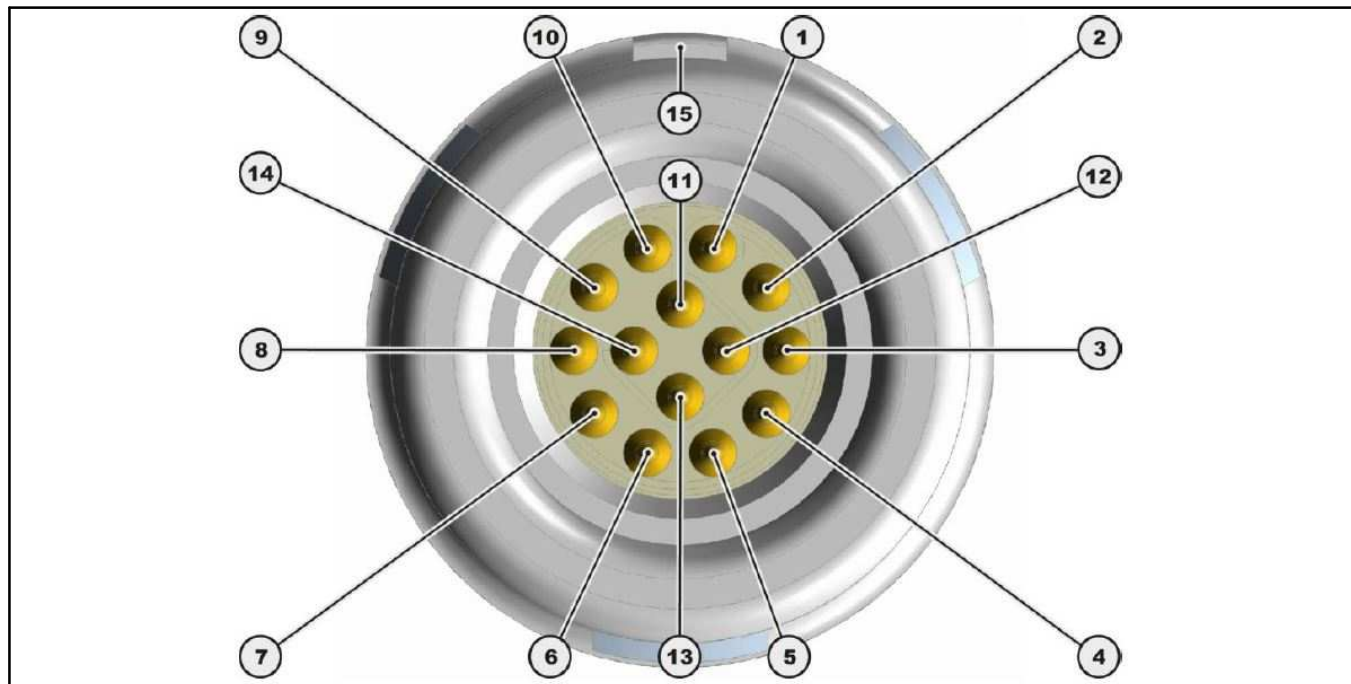


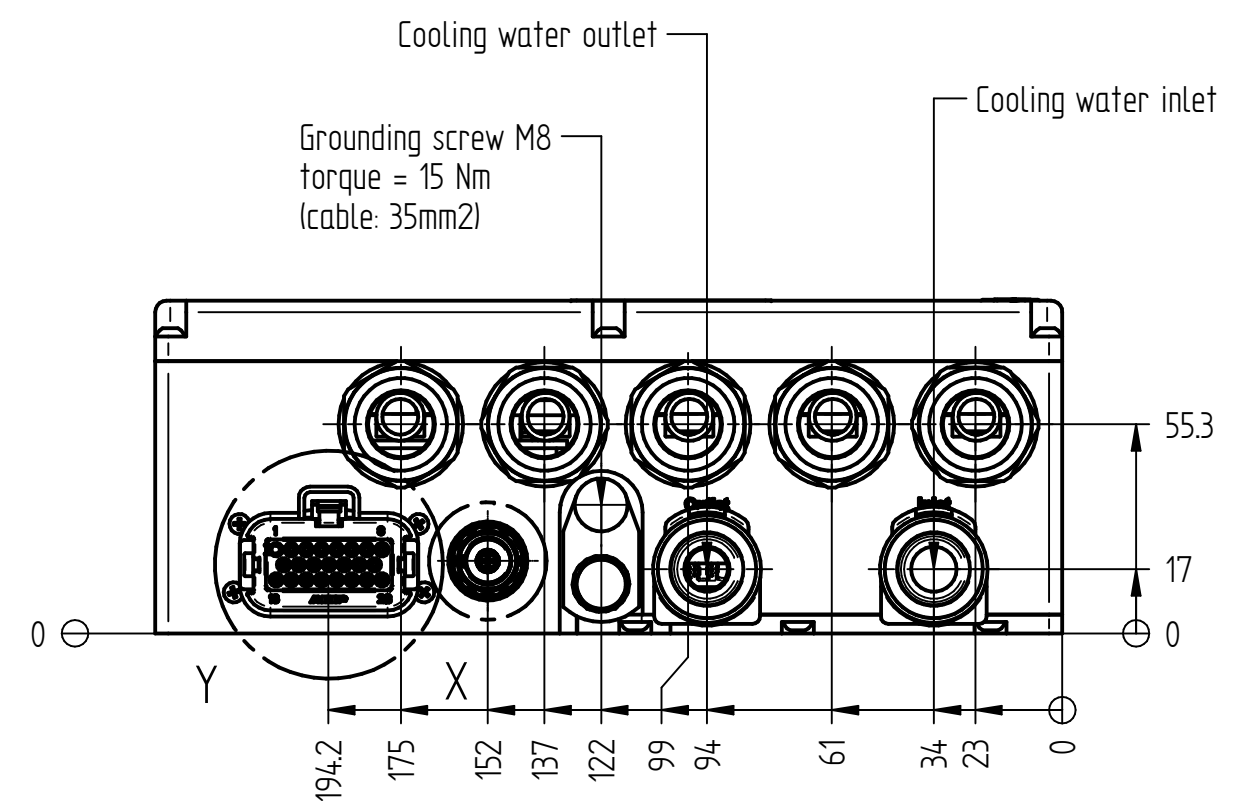
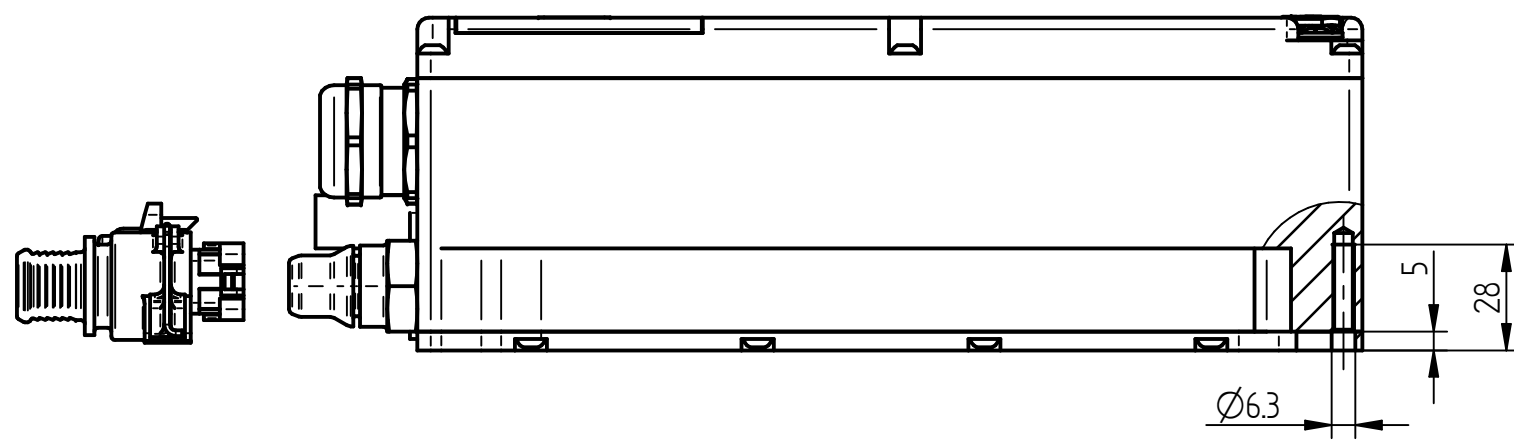
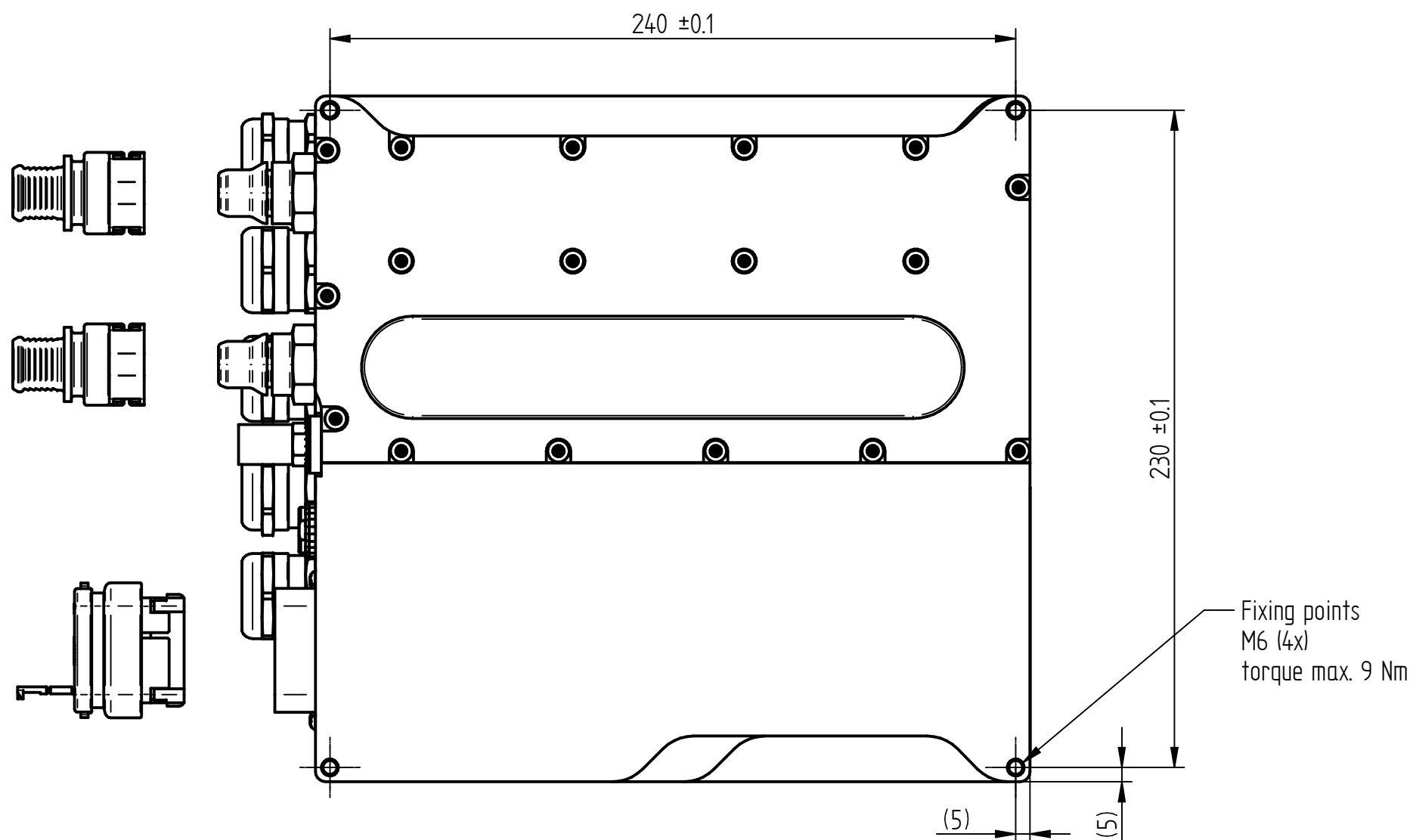
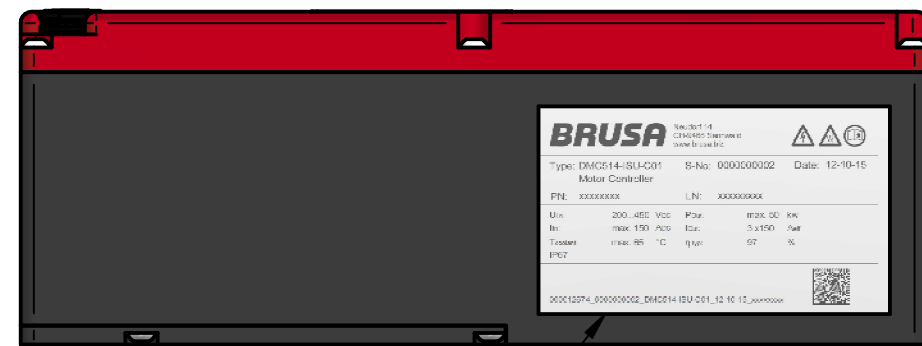
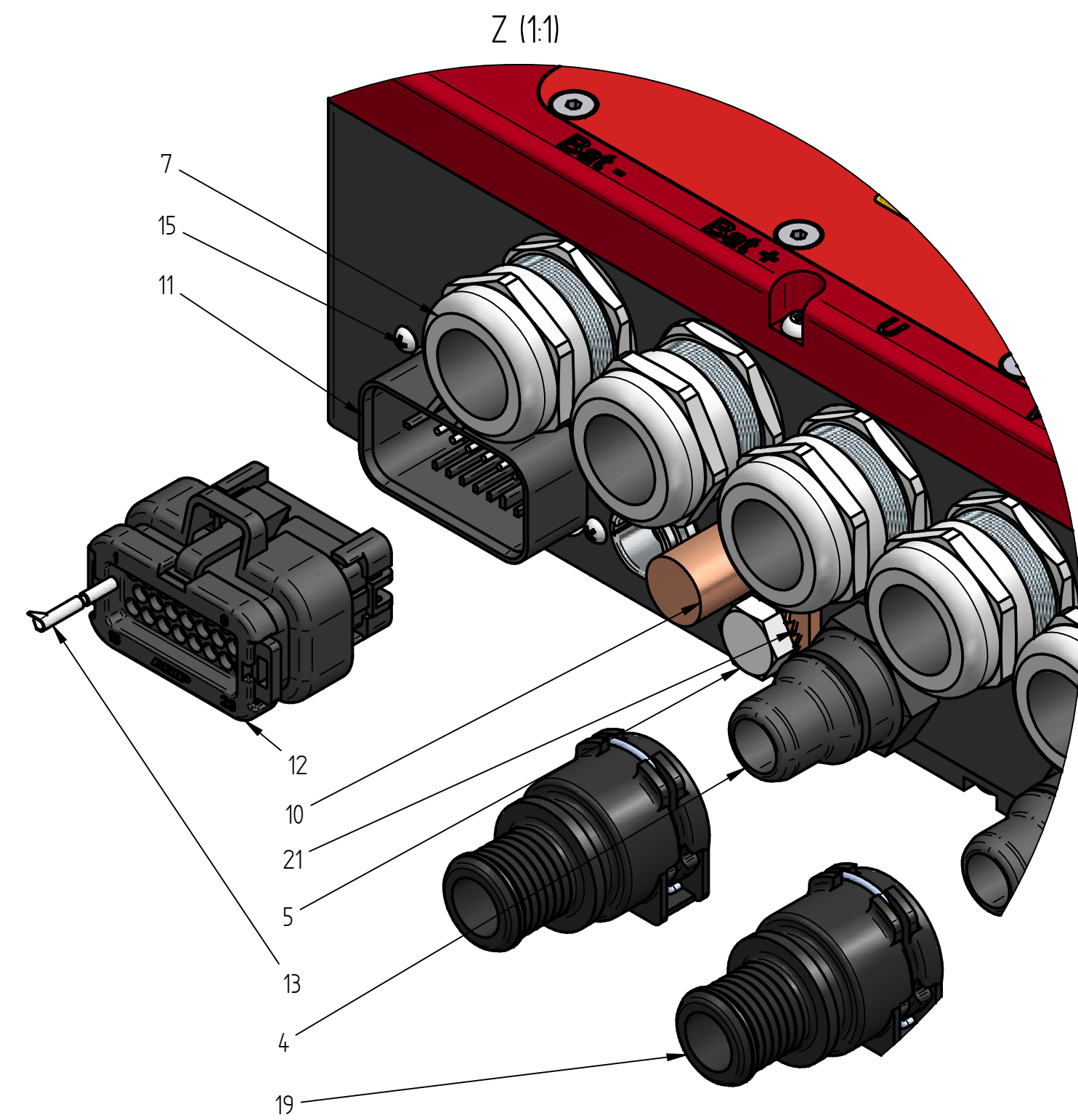
1. GND*	Ground (Minus wiring system, terminal 31)	2. AUX*	+12 V (Plus wiring system, terminal 30)
3. EN*	Enable (Power ON, terminal 15)	4. DO0	Reserve
5. DO1	Reserve	6. DO2	Reserve
7. DO3	Reserve	8. PG1	Ground reserve
9. CNL*	CAN low	10. CNH*	CAN high
11. TXD**	RS232 Transmit (9 pole D-Sub pin 2)	12. RXD**	RS232 Receive (9 pole D-Sub pin 3)
13. PRO**	Enable firmware download	14. PG2	Ground reserve
15. PG3**	RS232 ground (9 pole D-Sub: pin 5)	16. DI0	Reserve
17. Ext. AW1*	External shut down path 1 (Plus wiring system, terminal 30)	18. Ext. AW2*	External shut down path 2 (Plus wiring system, terminal 30)
19. IL1*	Interlock signal loop	20. IL2*	Interlock signal loop
21. AI1	Reserve	22. AI2	Reserve
23. AI3	Reserve		

* = The connections must be wired for normal operation!
** = Programming of the inverter is necessary!



1. POS3	6 bit absolute position bit 3	2. POS4	6 bit absolute position bit 4
3. POS5	6 bit absolute position bit 6	4. GND-NTC	Ground NTC / PTC
5. NTC	Motor temperature sensor	6. PTC	Motor overheat switch-off
7. VCC-GEb	Motor sensor- supply voltage 6 V _{DC}	8. POS0	6 bit absolute position bit 0
9. POS1	6 bit absolute position bit 1	10. POS2	6 bit absolute position bit 2
11. GND	Ground	12. MOTB	Motor B (incremental)
13. MOTA	Motor A (incremental)	14. UPD	Position update data
15. —	Centering groove		

Pos.	item number	description	material
1	13043	Type DMC514 bedruckt	PVC
2	RAAA125	KA SCH M8x25mm2	Cu
3	MHAA294	M 4x16 LI ISR Ro gw-furch	stainless steel
4	MHAA777	Stecknippel zu Norma PS3, NW12	Al
5	RAAA079	DIN933 M 8x10 6-Kt vz	steel
6	RAAA175	M 4x10 Senk ISK Ro	stainless steel
7	RKAA144	KA SB M25x15 HSK-M-EMV	brass
8	12677	Gehäusedeckel	Al
9	10921	MEM AVS46 PBT-GF30	PBT-GF30 & Silicone 50° Shore A
10	AACC175	KA SCH 50-08 90°	Cu
11	AACC569	S AMP 23Pol. SS	PBT-GF
12	CTS001	S AMP 23Pol. BS	PBT-GF & Silicone Rubber
13	CTS003	S AMP 23Pol. PIN	copper alloy
14	MBAA133	LABEL HV-Warnkleber	
15	MBAA169	M 3x12 KA30x12 WN1412 A2	steel
16	12676	Gehäuse	Al
17	12678	Wasserddeckel	Al
18	MHAA681	DMC5-Servicedeckel-E elox	Al
19	MHAA775	KW-Kupplung 0° Norma PS3	PA66-GF
20	MPAA472	S LEMO 14pol. CMS-Con.	brass
21	MSAA449	M 8 F-Sch AZ Br	steel



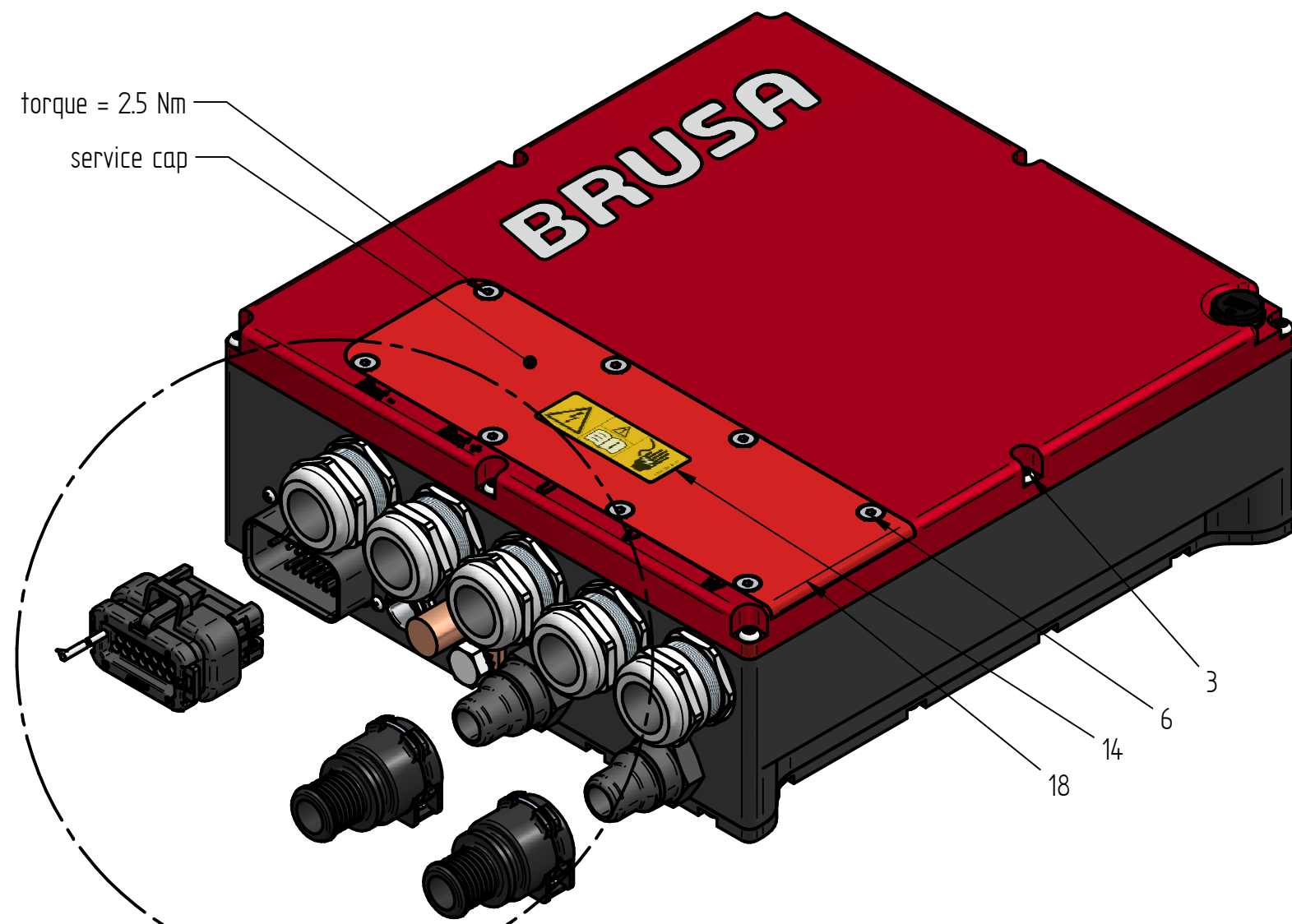
INFORMATION

To commission the device successfully, the entire documentation as well as diverse software are required. With the provision of the customer package, it is ensured that the documentation and software are complete and up-to-date. The updating of specific documents is carried out automatically and can be seen in the history.

The customer package includes the following indexes:

- **Manual:** Contains all information fundamentally necessary for the installation and operation of the inverter.
- **Firmware / motor table:** Contains the necessary firmware, a motor specific motor parameter table and instructions for installation.
- **Tools:** Contains additional tools for the operation, parameter setting and maintenance of the inverter.
- **Debugging / calibration:** Contains additional specific documentation for further work on the inverter (e.g. error analysis, Rotor offset adjustment).
- **History:** Listing of all upgrades within the customer package with a specification of the affected documents or software / firmware etc.

CAD Solid Edge		Allgemeintoleranz		Kundenzeichnung		Prüfmasse	
Datename	12674_DMC514-ISU-C01_RZ_Kundenzeichnung					-	
Erstellt	26.02.2014	Name	Martin Berkmann	Benennung	DMC514-ISU		
Geprüft	-			Version	C01		
Freigegeben	27.02.2014	Christian Marxer					
BRUSA				Werkstoff		Errechnet 0.000 kg	
Schutzvermerk ISO 16016 beachten - Refer to proprietary notice ISO 16016				Artikelnummer 12674	Revision R2	Format A1	Masse 6.5 kg



Sealing is glued to lid
be careful about opening and closing
the service cap - the seal is damageable

