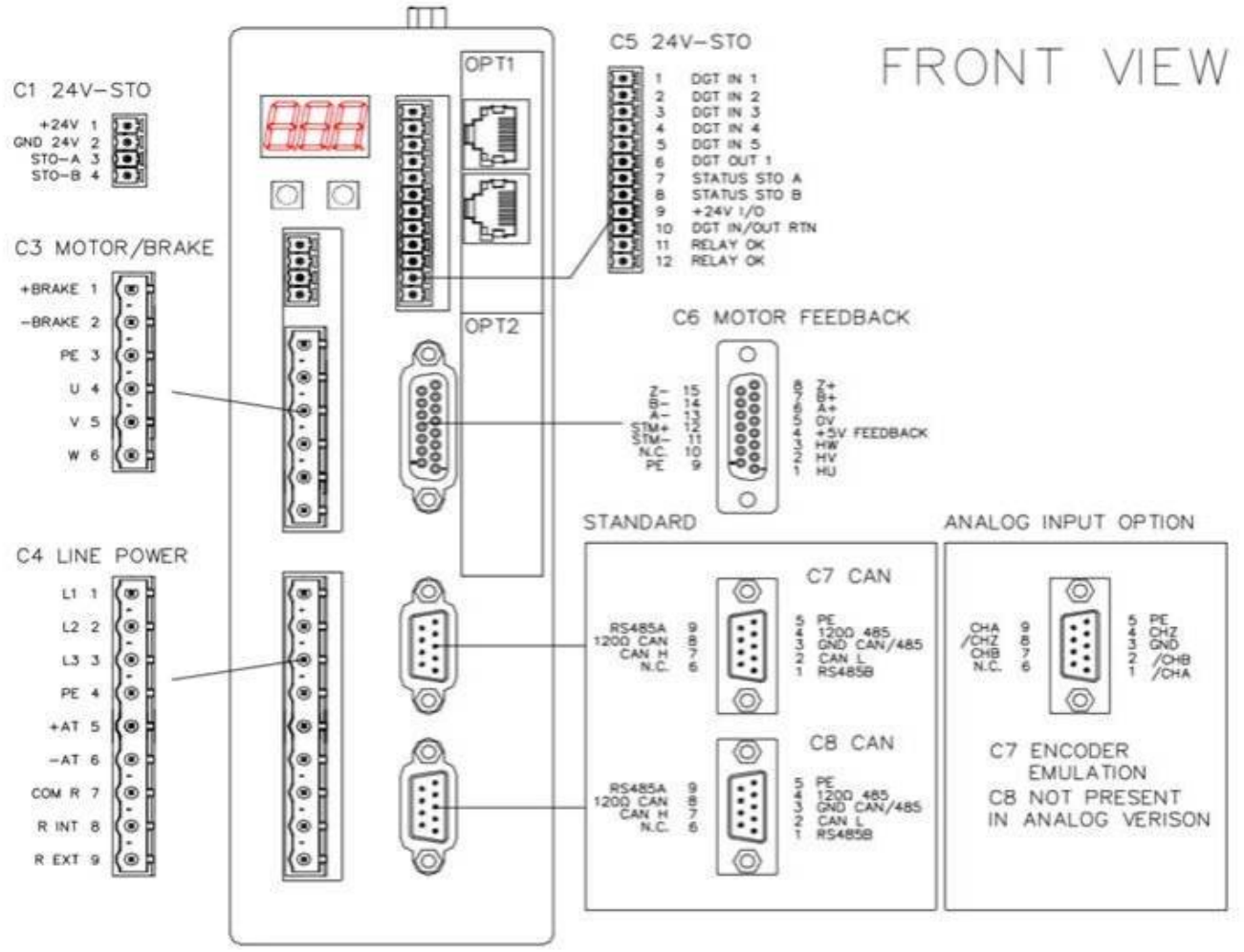
MBM Motors connections

This page describes the **MBM motor connections** on the MBD servo drive. The MBM motors are connected through the motor feedback connector; the wiring depends on the connector type of the motor.

The feedback from the motor is connected to the MOTOR FEEDBACK C6 connector.
STM+/STM- are the thermal sensor connections. HU, HV and HW are the commutation signals. A/B/Z are the incremental signals.



Please consider the correct pinout in respect to the connector type shown below.

TTL ENCODER CONNECTION			
Function	*M15 –12+3p – SIZE 0 [1]*	*M17 – 17p*	*M23 – 17p*
+5VDc	B	10	10
GND	A	7	7
A+	11	1	1
A/	12	2	2
B+	1	11	11
B/	2	12	12
Z+	3	3	3
Z/	10	13	13
U+	4	4	4
U/	-	14	14
V+	6	5	5
V/	-	6	6
W+	5	16	16
W/	-	15	15
PTC / PT1000+ / KTY+	8	8	8
PTC / PT1000- / KTY-	9	9	9

Connection notes

- The motor feedback is connected to the **C6** connector. - **STM+/STM-** are the thermal (PTC) sensor connections. - **HU, HV, HW** are the commutation (Hall) signals. - **A/B/Z** are the incremental encoder signals. - Verify the pinout against the motor connector type before commissioning; a wrong connection can damage the feedback or the drive.

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