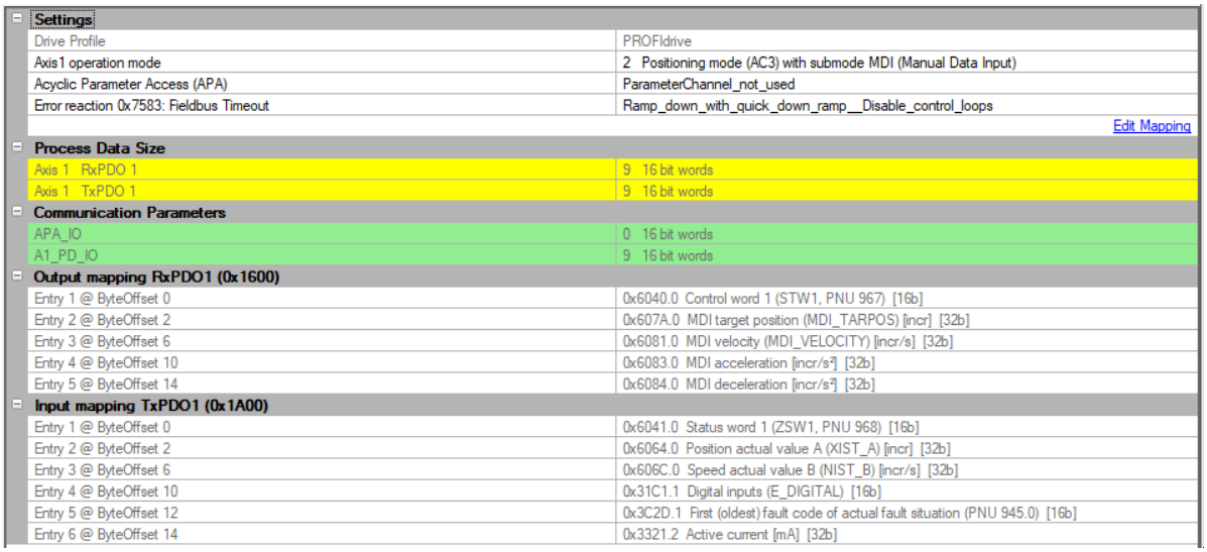
2. Configurazione del PSD1 Motor Drive

Impostazioni Device:

- In *Device > Device Settings > PSD multi filedbus*: `Fieldbus type = Profinet`

Impostazioni Profinet:

- In *Axis 1 > PROFINET* modificare gli oggetti inviati e ricevuti come nella seguente immagine:



Settings	
Drive Profile	PROFIdrive
Axis1 operation mode	2 Positioning mode (AC3) with submode MDI (Manual Data Input)
Acyclic Parameter Access (APA)	ParameterChannel_not_used
Error reaction 0x7583: Fieldbus Timeout	Ramp_down_with_quick_down_ramp__Disable_control_loops
	Edit Mapping
Process Data Size	
Axis 1 RxPDO 1	9 16 bit words
Axis 1 TxPDO 1	9 16 bit words
Communication Parameters	
APA_IO	0 16 bit words
A1_PD_IO	9 16 bit words
Output mapping RxPDO1 (0x1600)	
Entry 1 @ ByteOffset 0	0x6040.0 Control word 1 (STW1, PNU 967) [16b]
Entry 2 @ ByteOffset 2	0x607A.0 MDI target position (MDI_TARPOS) [incr] [32b]
Entry 3 @ ByteOffset 6	0x6081.0 MDI velocity (MDI_VELOCITY) [incr/s] [32b]
Entry 4 @ ByteOffset 10	0x6083.0 MDI acceleration [incr/s²] [32b]
Entry 5 @ ByteOffset 14	0x6084.0 MDI deceleration [incr/s²] [32b]
Input mapping TxPDO1 (0x1A00)	
Entry 1 @ ByteOffset 0	0x6041.0 Status word 1 (ZSW1, PNU 968) [16b]
Entry 2 @ ByteOffset 2	0x6064.0 Position actual value A (XIST_A) [incr] [32b]
Entry 3 @ ByteOffset 6	0x606C.0 Speed actual value B (NIST_B) [incr/s] [32b]
Entry 4 @ ByteOffset 10	0x31C1.1 Digital inputs (E_DIGITAL) [16b]
Entry 5 @ ByteOffset 12	0x3C2D.1 First (oldest) fault code of actual fault situation (PNU 945.0) [16b]
Entry 6 @ ByteOffset 14	0x3321.2 Active current [mA] [32b]

È ora possibile **effettuare il download** della configurazione sul PSD.

Revision #5
Created 2024-11-05 15:44:25 UTC by Davide Molino
Updated 2024-11-06 12:39:59 UTC by Davide Molino