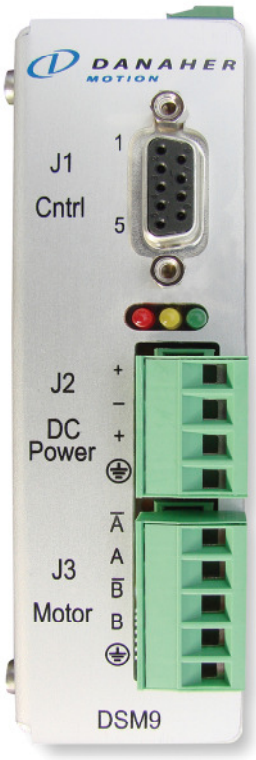
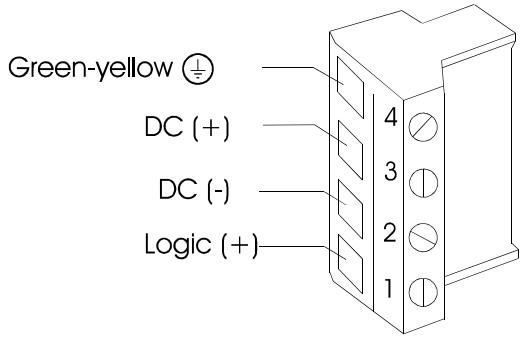
Change from 6411-PB4 to DSM9-PB

Generally



- Maximum Trasfer Rate: 12 MBaud instead of 1,5 MBaud
- Up to 30% less heat losses
- Logic can be supplied with seperate voltage
- Step Range and Current reduction adjustable via PROFIBUS
- Only one Sub-D socket (no more risk of mistake)
- Configuration of the address on the upper side of the drive
- Connectors for digital inputs on the upper side of the drive
- Overheating protection
- Power Supply Connector J2

Input J2	**Pin**	**comment**
DC + Logic	J2-1	Supply is +24V_{DC} to max. +75V_{DC}, max. 6,4A. A different lower voltage for logic can be used. Power supplymin 24V_{DC}The negative connection of the supply must be joined externally to PE (protective earth). There is no internal connection in the DSM between J2-1 (DC–) and J2-3 (PE).
DC –	J2-2	
DC + Power	J2-3	
⏚	J2-4	Protective earth connection for the DSM chassis, internally joined to the PE terminal of the motor connector J3-5.



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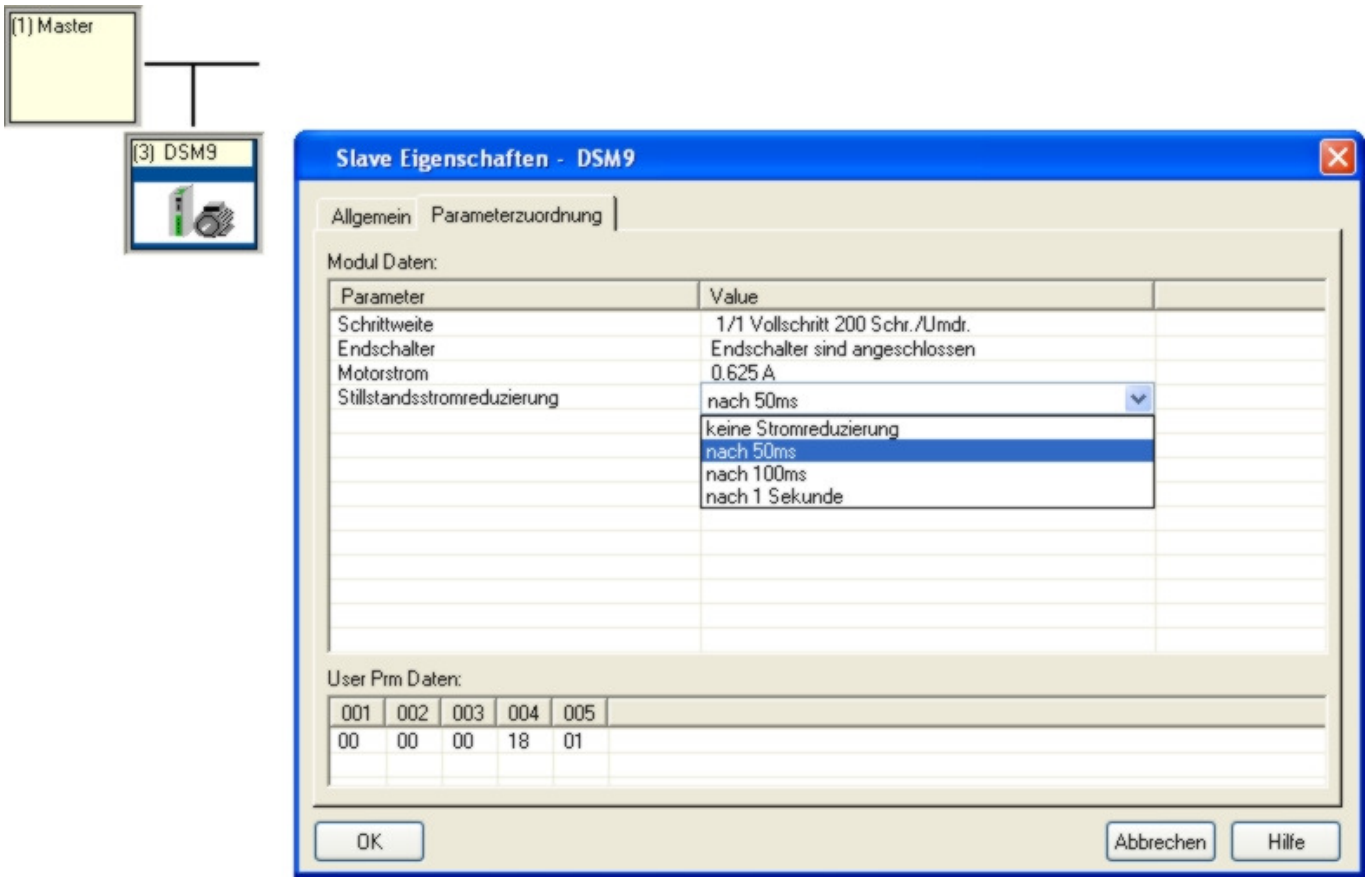
LED-Function

LED *			Operation State		
red	yellow	green	Motor	Profibusconnection	Motion
○	○●○	○	off	No connection	-
○	●○●	○	off	yes	-
○	●	●	active	yes	no
○	●○	●	active	yes	Motor is running
●	●○	○	off	The yellow LED shows the error number	

*

○	Led is off
●	Led is on.
○●○	Led is **on** every 3 seconds for a short time
●○●	Led is **off** every 3 seconds for a short time
●○	Led is blinking

Parameter Settings (Software Example – not included)



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