
		Applicationnote		APL-6411-DSM9-PB-E	
Zust. Stelle:	Date:	language:	change:	page:	
E	18.07.2007	E	00	1 of 2	
created:	checked:	approved:	File name:		
A.Haefner	Kloster	Kloster	00-APL-6411-PB4-DSM9-PB-E.doc		

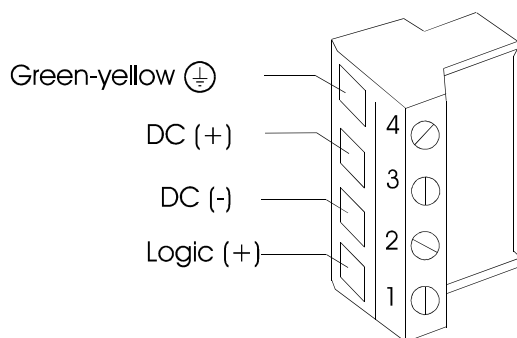
Change from 6411-PB4 to DSM9-PB

Generally

- Maximum Transfer Rate: 12 MBaud instead of 1,5 MBaud
- Up to 30% less heat losses
- Logic can be supplied with separate 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 supply in 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.



Technical changes to improve the performance of the equipment may be made without notice!

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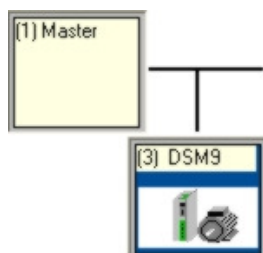
LED-Function

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)



Slave Eigenschaften - DSM9

Allgemein

Parameterzuordnung

Modul Daten:

Parameter	Value
Schrittweite	1/1 Vollschritt 200 Schr./Umdr.
Endschalter	Endschalter sind angeschlossen
Motorstrom	0.625 A
Stillstandsstromreduzierung	<div>nach 50ms</div> <div>keine Stromreduzierung</div> <div>nach 50ms</div> <div>nach 100ms</div> <div>nach 1 Sekunde</div>

User Prm Daten:

001	002	003	004	005
00	00	00	18	01

OK

Abbrechen

Hilfe

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