

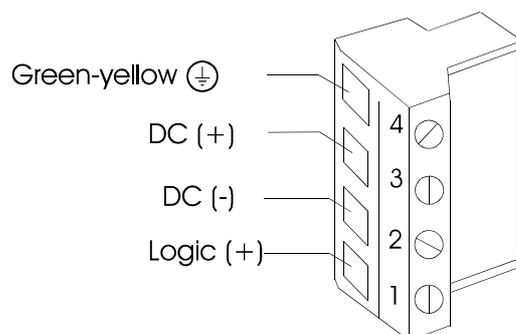
Change from 6411-PB4 to DSM9-PB

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).
DC -	J2-2	
DC + Power	J2-3	There is no internal connection in the DSM between J2-1 (DC-) and J2-3 (PE).
	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!

All rights reserved. No part of this work may be reproduced in any form (by printing, photocopying, microfilm or any other method) or processed, copied or distributed by electronic means without the written permission of Danaher Motion

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

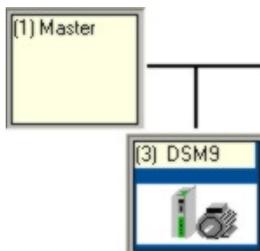
LED-Function

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	nach 50ms ▼
	keine Stromreduzierung
	nach 50ms
	nach 100ms
	nach 1 Sekunde

User Prm Daten:

001	002	003	004	005
00	00	00	18	01

OK
Abbrechen
Hilfe

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

All rights reserved. No part of this work may be reproduced in any form (by printing, photocopying, microfilm or any other method) or processed, copied or distributed by electronic means without the written permission of Danaher Motion