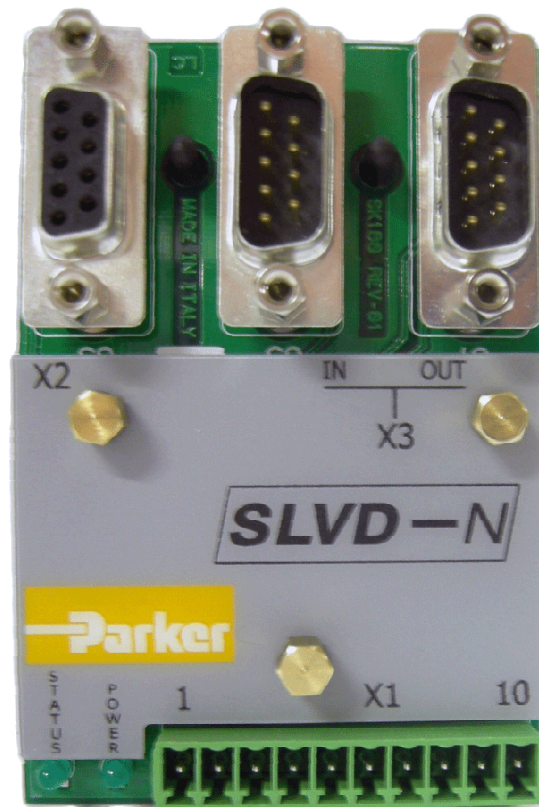




Adattatore sLVD per SLVD-N *SLVD-N to sLVD adapter*



Rev. 0.0
Gennaio 2008
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1.DESCRIZIONE – USE

Codice ordine – *order code*: **ADP-SLVDN**

La scheda adattatore è un'interfaccia che permette la sostituzione di un sLVD con un azionamento SLVD-N senza alcuna modifica del cablaggio. Le connessioni disponibili sono:

- retroazione motore (X1)
- CAN (X2)
- RS422 e RS485 (X2)
- Encoder In (X3_IN)
- Encoder Out (X3_OUT)

Attenzione: per gli sLVD l'unica porta encoder (Encoder IN/OUT programmabile) risulta ora (scheda adattatore) sdoppiata su due connettori differenti: X3_IN e X3_OUT.

Onde evitare errori di connessione e conseguenti guasti, far riferimento al paragrafo “Connessioni”.

Per la connessione dell'alimentazione dell'elettronica a 24Vdc, e per ingressi/uscite (sia digitali che analogici) dovrà essere utilizzata la nuova morsettiera..

The adapter card is an interface that permits to substitute a sLVD drive with a new series of drive SLVD-N using the same cables. The connections available are:

- *motor feedback (X1)*
- *CAN (X2)*
- *RS422 and RS485 (X2)*
- *Encoder In (X3_IN)*
- *Encoder Out (X3_OUT)*

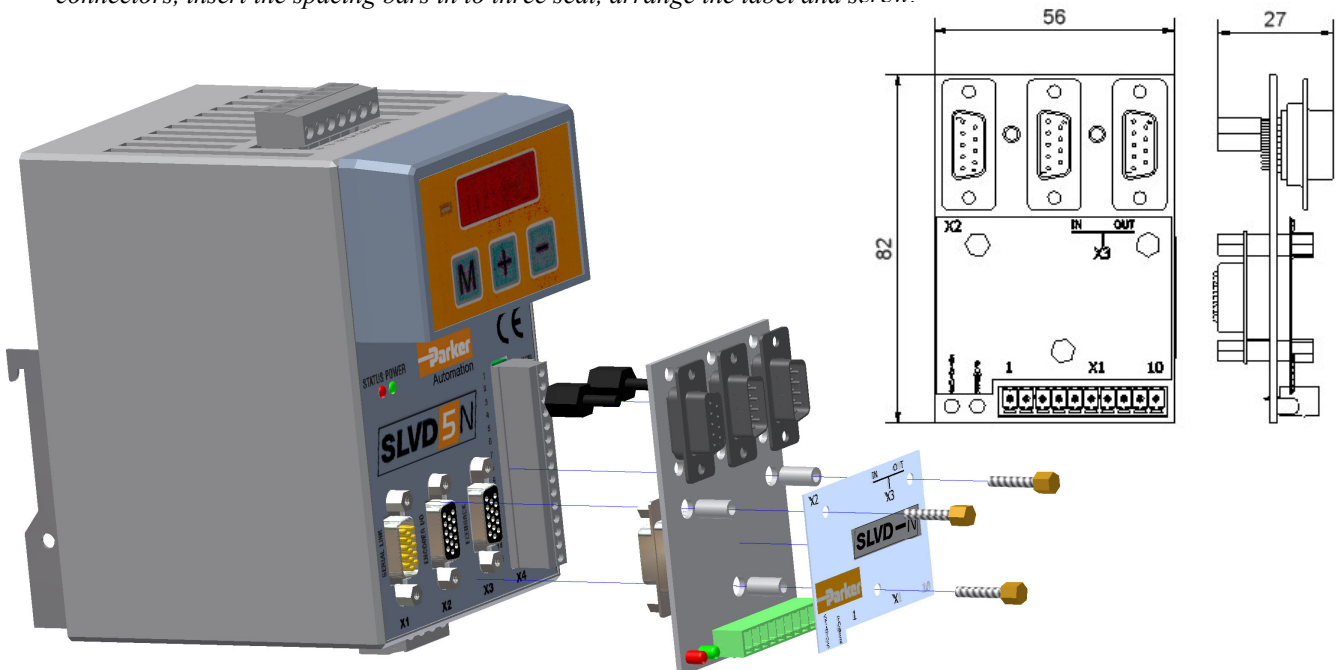
Attention: for sLVD drives the Encoder connection (programmable Encoder IN/OUT) now (for adapter card) is divided into two different connectors: X3_IN and X3_OUT.

To avoid errors of connection and damages, see the paragraph “connections”.

To connect the 24Vdc power supply of control stage, and per I/O digital and analog use the terminal block X4 of the new drive (n.b.: to make use of the old cable).

2.INSTALLAZIONE – INSTALLATION

Collegare la scheda all'azionamento SLVD-N tramite i connettori DB15 HD, inserire le tre colonnine nei tre fori di fissaggio, mettere l'etichetta ed avvitare le tre viti. – Connect the card to the drive SLVD-N by the DB15 HD connectors, insert the spacing bars in to three seat, arrange the label and screw.



3.CONNESSIONI – CONNECTION

Connessione su scheda adapter: - *connection of adapter board:*

10 pole terminal (left) X1	
1	+ ECC
2	- ECC
3	SIN +
4	SIN -
5	COS +
6	COS -
7	0 V
8	0 V
9	NC
10	NC

DB9 female poles X2 links	
1	TX
2	RX
3	/TX
4	/RX
5	CANH
6	+BR180
7	- BR180
8	CANL
9	0V

DB9 male poles X3 IN encoder in	
1	PHA_IN
2	/PHA_IN
3	PHB_IN
4	/PHB_IN
5	PHC_IN
6	/PHC_IN
7	0V
8	
9	

DB9 male poles X3 OUT encoder out	
1	PHA_OUT
2	/PHA_OUT
3	PHB_OUT
4	/PHB_OUT
5	PHC_OUT
6	/PHC_OUT
7	0V
8	
9	

Connessioni su SLVD-N: – *connection of SLVD-N*

Morsettiera 15 poles X4 (Phoenix MCVW1,5/15-ST-3,5)			
1	+24VIN	9	0VA
2	0VQ	10	IN3
3	0VA	11	IN2
4	AX-	12	IN1
5	AX+	13	IN0
6	REF-	14	OUT1
7	REF+	15	OUT0
8	MON		

Attenzione:

1. I segnali IN0 ed IN1, collegati a X1 di SLVD devono essere ricablati su X4 di SLVD-N nelle rispettive posizioni; così come la morsettiera X4 (10 poli) di SLVD va ricablati su X4 (15 poli) di SLVD-N.
2. Se X3 di SLVD era usata come enc. IN (config. SW), il connettore andrà inserito in X3_IN della scheda adapter. Viceversa, se X3 era enc. OUT si dovrà collegare a X3_OUT.
3. Se enc. IN era usato in modalità Freq.-Dir. (b42.5=0), si dovrà impostare il verso di rotazione opposto: cambiare segno Pr53.

Attention:

1. IN0 and IN1 signals, connected to X1 of sLVD must be connect to X4 of SLVD-N in the relative position; the X4 terminal block of sLVD (10 poles) must connect to X4 terminal block (15 poles) of SLD-N.
2. if X3 was used as Enc. IN (config. SW); the cable must be connect in X3_IN of the adapter card. Otherwise, if X3 was connected as enc. OUT this cable must be connect to the connector X3_OUT.
3. If the enc. IN was used in Freq./dir. (b42.5=0), invert the sign of the parameter Pr53.

ISBN1101271600

Sales Offices

Australia

Parker Hannifin
Pty Ltd
9 Carrington Road
Private Bag 4, Castle Hill
NSW 1765
Tel: +61 2 9634 7777
Fax: +61 2 9899 6184

Belgium

Parker Hannifin SA NV
Parc Industriel Sud Zone 11
23, Rue du Bosquet
Nivelles B -1400 Belgium
Tel: +32 67 280 900
Fax: +32 67 280 999

Brasil

Parker Hannifin Ind. e Com. Ltda.
Av. Lucas Nogueira Garcez, 2181
Esperança - Caixa Postal 148
Tel: +55 0800 7275374
Fax: +55 12 3954 5262

Canada

Parker Motion and Control
160 Chisholm Drive
Milton
Ontario L9T 3G9
Tel: +1(905) 693 3000
Fax: +1(905) 876 1958

China

Parker Hannifin Motion & Control
(Shanghai)
Co. Ltd.
SSD Drives
280 Yunqiao Road
Export Processing Zone
Pudong District
Shanghai 201206
P.R.China
Tel: +86 (21) 5031 2525
Fax: +86 (21) 5854 7599

France

Parker SSD Parvex
8 Avenue du Lac
B.P. 249
F-21007 Dijon Cedex
Tel: +33 (0) 3 80 42 41 40
Fax: +33 (0) 3 80 42 41 23

Germany

Parker Hannifin GmbH
Von-Humboldt-Strasse 10
64646 Heppenheim
Germany
Tel: +49(0) 6252 798200
Fax: +49(0) 6252 798205

India

SSD Drives India Pvt Ltd
151 Developed Plots Estate
Perungudi,
Chennai, 600 096, India
Tel: +91 44 43910799
Fax: +91 44 43910700

Italy

Parker Hannifin SPA
Via Gounod 1
20092 Cinisello Balsamo
Milano
Italy
Tel: +39 (02) 361081
Fax: +39 (02) 36108400

Singapore

Parker Hannifin Singapore Pte Ltd
11, Fourth Chin Bee Rd
Singapore 619702
Tel: +65 6887 6300
Fax: +65 6265 5125

Spain

Parker Hannifin (Espana) S.A.
Parque Industrial Las Monjas
Calle de las Estaciones 8
28850 Torrejonde Ardoz
Madrid
Spain
Tel: +34 91 6757300
Fax: +34 91 6757711

Sweden

Parker Hannifin AB
Montörgatan 7
SE-302 60 Halmstad
Sweden
Tel: +46 (35) 177300
Fax: +46 (35) 108407

UK

Parker Hannifin Ltd.
Tachbrook Park Drive
Tachbrook Park
Warwick
CV34 6TU
Tel: +44 (0) 1926 317970
Fax: +44 (0) 1926 317980

USA

Parker Hannifin Corp.
SSD Drives Division
9225 Forsyth Park Drive
Charlotte
North Carolina 28273-3884
Tel: +1 (704) 588 3246
Fax: +1 (704) 588-3249

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Parker Hannifin SpA

SSD SBC

Via C. Gounod, 1
20092 Cinisello Balsamo (Mi)
Tel: +39 02 36108.1
Fax: +39 02 36108400
www.parker.com
info.it.ssd@parker.com
infosbc@parker.com