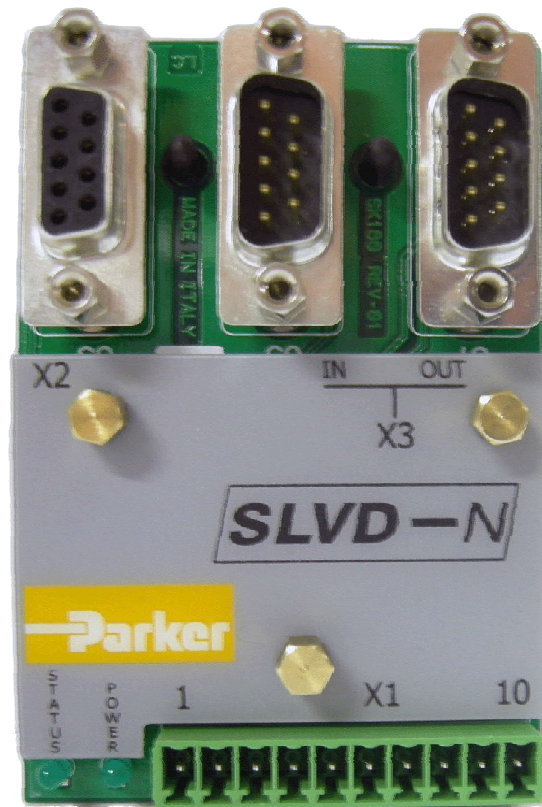


Adattatore sLVD per SLVD-N
SLVD-N to sLVD adapter



Rev. 0.0
Gennaio 2008
January 2008

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)*

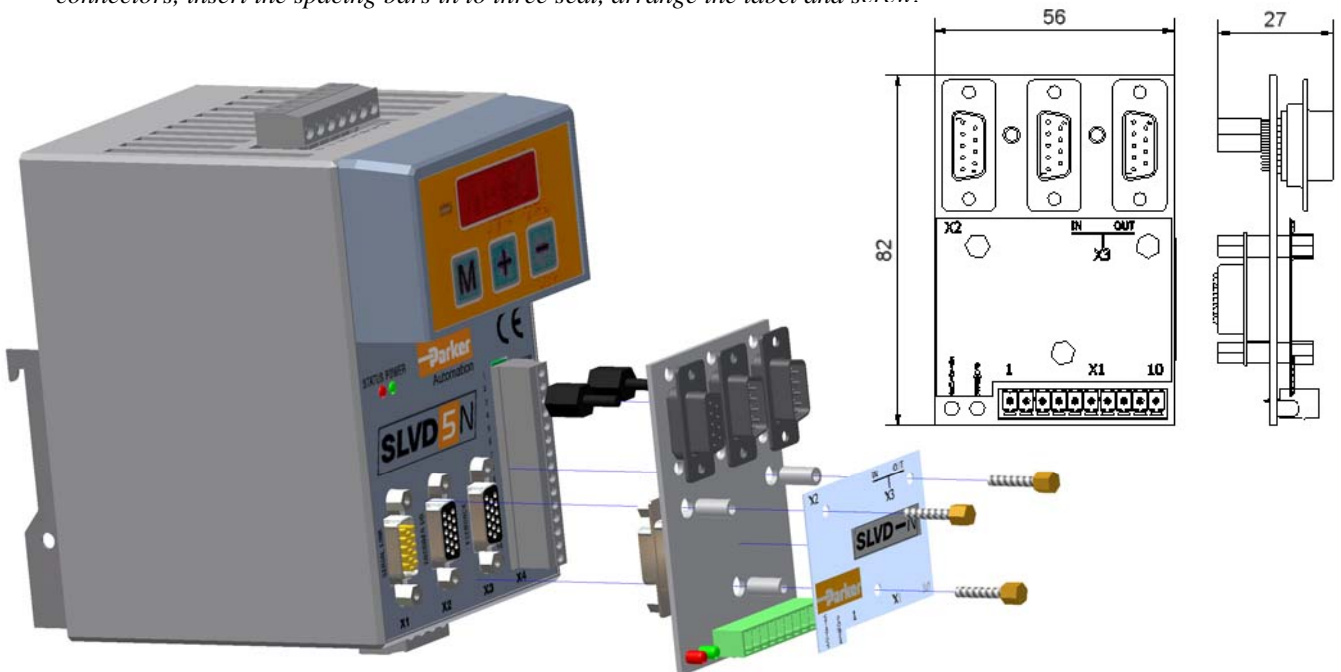
Attention: for sLVD drives the Encoder connection (programmable Encoder IN/OUT) now (for adapter card) is divided into two different connectors: X3_IN and X3_OUT.

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.

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