



L-force *Drives*

Montageanleitung

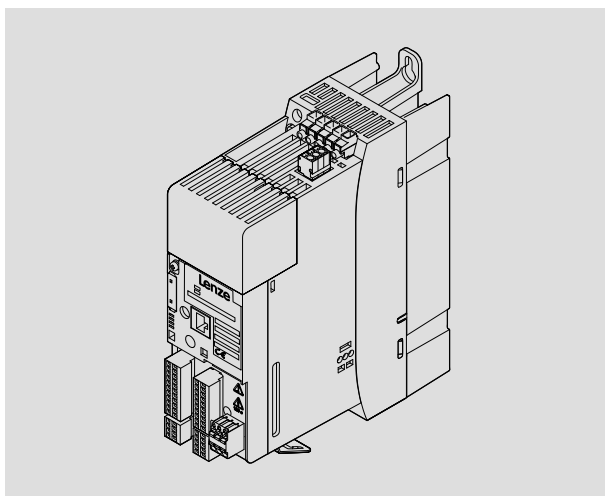
Mounting Instructions

Instructions de montage

Instrucciones para el montaje

Istruzioni per il montaggio

8400 *0.25 ... 3.0 kW*



E84AVHCExxxx HighLine C

Frequenzumrichter

Frequency Inverter

Convertisseur de fréquence

Convertidor de frecuencia

Inverter di frequenza

Lenze



Warnings!

Operation of this equipment requires detailed installation and operation instructions provided in the Hardware manual intended for use with this product. This information is provided on the CD-ROM included in the container this device was packaged in. It should be retained with this device at all times. A hard copy of this information may be ordered by phone or e-mail, printed on the back of this document.



Avertissements !

Pour assurer le bon fonctionnement de cet équipement, se conformer aux instructions d'installation et de mise en service contenues dans le manuel correspondant et régissant l'utilisation de ce produit. Ces informations sont contenues sur le CD-ROM compris dans l'emballage livré, qui doit être consultable à tout moment. Une version papier de ces informations peut être commandée par téléphone ou par mail (coordonnées figurant au dos du présent document).



Gefahr!

Gefährliche elektrische Spannung

- Die Leistungsanschlüsse X100 und X105 führen bis zu 3 Minuten nach Netz-Ausschalten gefährliche elektrische Spannung.

Mögliche Folgen:

- Tod oder schwere Verletzungen beim Berühren der Leistungsanschlüsse.

Schutzmaßnahmen:

- Vor Arbeiten am Gerät Netzspannung ausschalten und mindestens 3 Minuten warten.
- Prüfen, ob alle Leistungsanschlüsse spannungsfrei sind.

Beachten Sie auch weitere wichtige Informationen zur Geräte- und Sicherheitstechnik auf der beiliegenden CD-ROM!



Danger!

Dangerous voltage

- ▶ The power terminals X100 and X105 carry dangerous voltages for up to 3 minutes after mains disconnection.

Possible consequences:

- ▶ Death or severe injury if the power terminals are touched.

Protective measures:

- ▶ Switch off the mains voltage and wait at least 3 minutes before starting to work on the device.
- ▶ Check that all power terminals are deenergised.

Please also observe more important information on device and safety technology provided on the enclosed CD-ROM!



Danger !

Tension électrique dangereuse

- ▶ Les raccordements de puissance X100 et X105 sont susceptibles de véhiculer une tension dangereuse jusqu'à 3 minutes après une coupure réseau.

Risques encourus :

- ▶ Mort ou blessures graves en cas de contact avec les raccordements de puissance

Mesures de protection :

- ▶ Avant toute manipulation de l'appareil, couper la tension réseau et attendre 3 minutes au minimum.
- ▶ S'assurer que tous les raccordements de puissance sont hors tension.

Veuillez également tenir compte des consignes importantes sur la technologie des appareils et les fonctions de sécurité comprises sur le cédérom joint !



¡Peligro!

Voltaje eléctrico peligroso

- ▶ Las conexiones de potencia X100 y X105 siguen vivas hasta 3 minutos después de la desconexión de red.

Posibles consecuencias:

- ▶ Muerte o serias lesiones al tocar las conexiones de potencia.

Medidas de protección:

- ▶ Antes de trabajar en el equipo, desconectar la alimentación de red y esperar por lo menos 3 minutos.
- ▶ Comprobar, si todas las conexiones de potencia están libres de voltaje.

Observe también la información importante sobre aspectos relativos a la técnica del dispositivo



y de seguridad incluida en el CD-ROM adjunto!



Pericolo!

Tensione elettrica pericolosa

- I collegamenti di potenza X100 e X105 presentano una tensione elettrica pericolosa fino a 3 minuti dopo la disinserzione della rete.

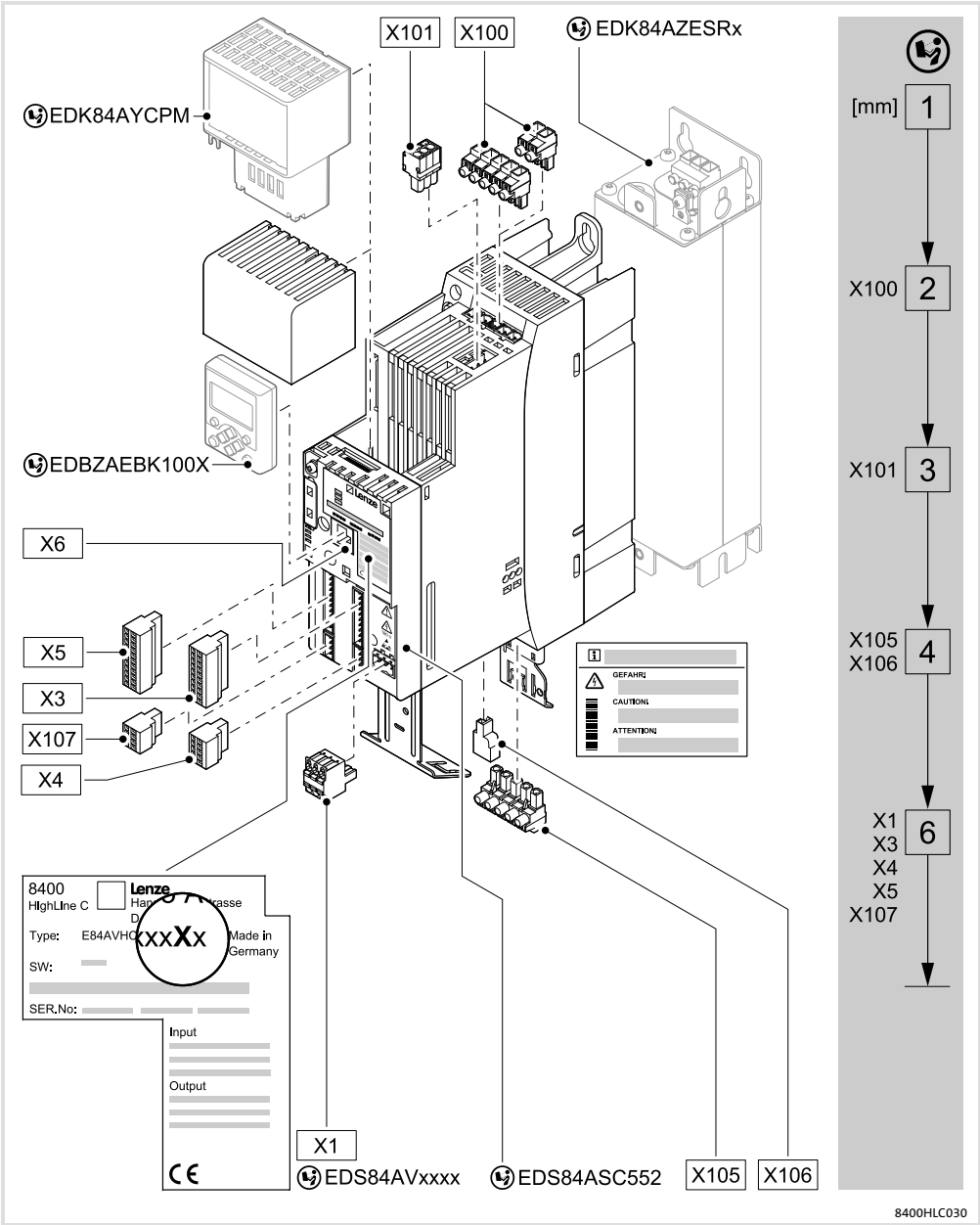
Possibili conseguenze:

- Morte o gravi lesioni in caso di contatto con i collegamenti di potenza.

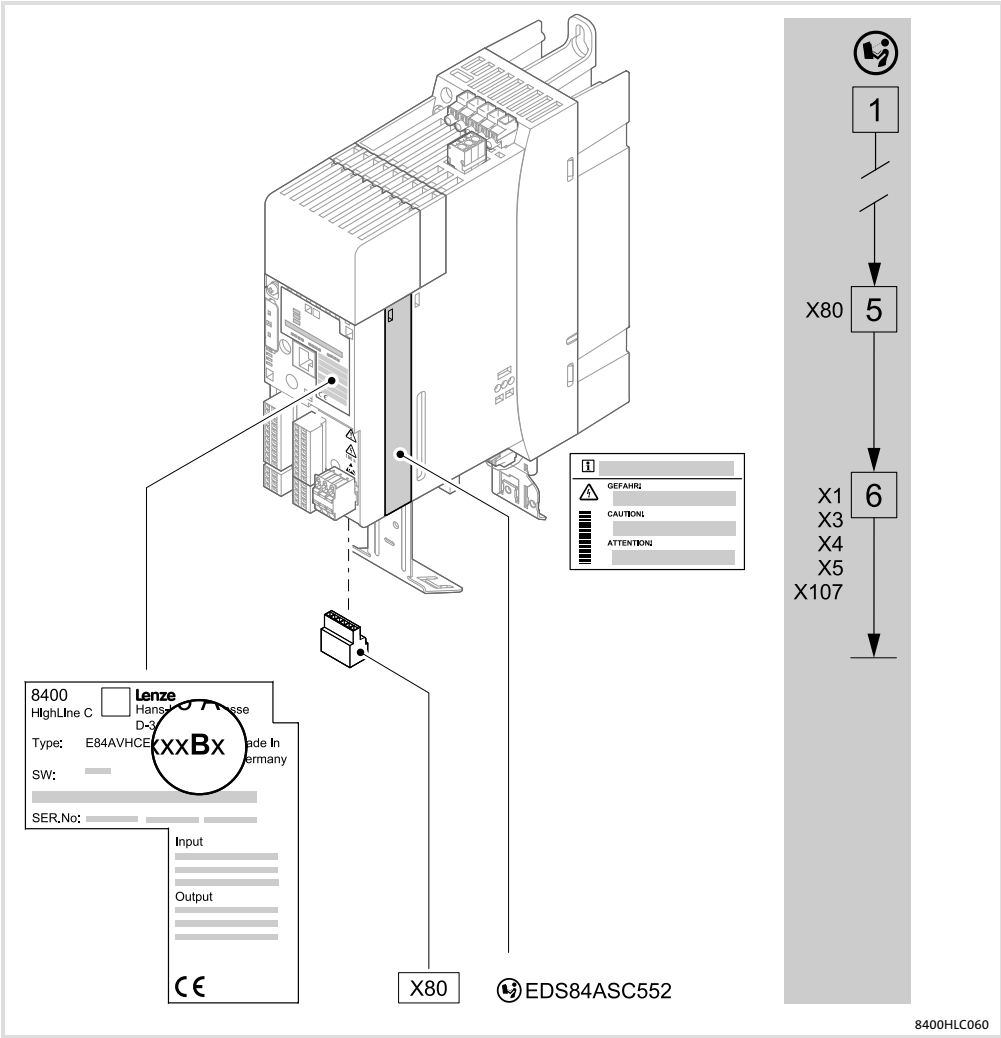
Misure di protezione:

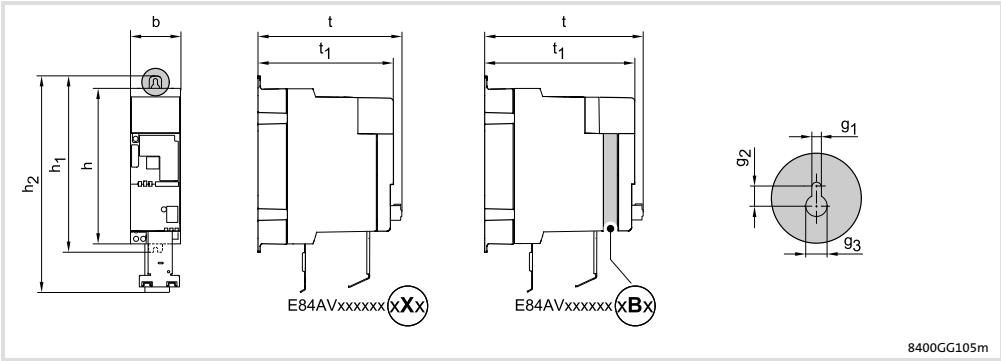
- Attendere almeno 3 minuti prima di eseguire qualsiasi intervento sui collegamenti di potenza.
- Controllare tutti i collegamenti di potenza per accertare l'assenza di tensione.

Osservare anche le ulteriori informazioni importanti relative a installazione e sicurezza incluse nel CD-ROM allegato!

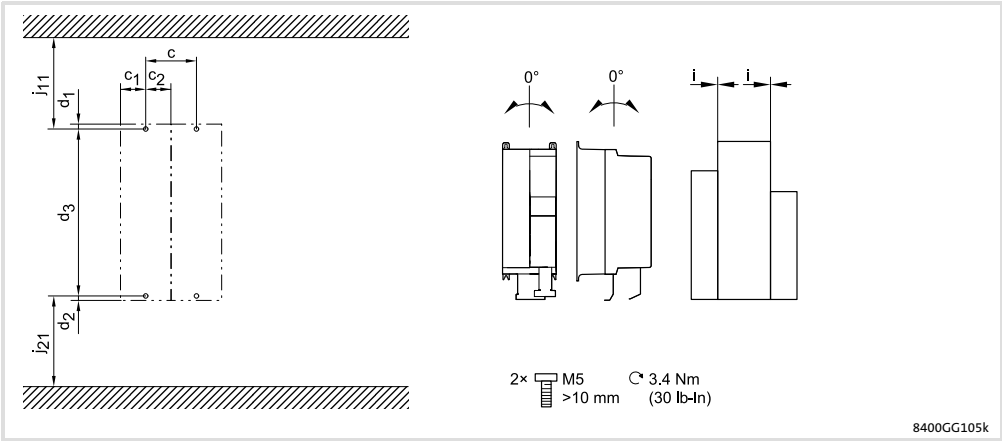


8400HLC030



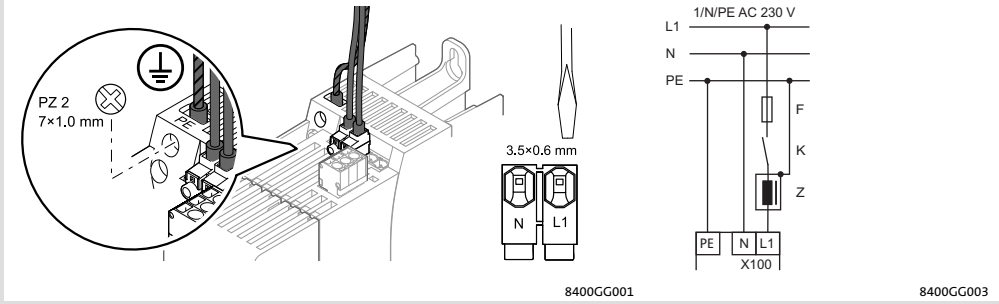


	[kW]	h	b	t	h ₁	h ₂	t ₁	g ₁	g ₂	g ₃
		[mm]								
E84AVHCE2512xXx	0.25	165	70	199	194	235	186	6	11	12
E84AVHCE3712xXx	0.37									
E84AVHCE3714xXx	0.37									
E84AVHCE551xxXx	0.55	215	70	199	244	285	186	6	11	12
E84AVHCE751xxXx	0.75									
E84AVHCE112xxXx	1.1									
E84AVHCE152xxXx	1.5	270	70	199	304	340	186	6	11	12
E84AVHCE222xxXx	2.2									
E84AVHCE3024xXS	3.0									
E84AVHCE2512xBx	0.25	165	70	219	194	235	206	6	11	12
E84AVHCE3712xBx	0.37									
E84AVHCE3714xBx	0.37									
E84AVHCE551xxBx	0.55	215	70	219	244	285	206	6	11	12
E84AVHCE751xxBx	0.75									
E84AVHCE112xxBx	1.1									
E84AVHCE152xxBx	1.5	270	70	219	304	340	206	6	11	12
E84AVHCE222xxBx	2.2									
E84AVHCE3024xB5	3.0									

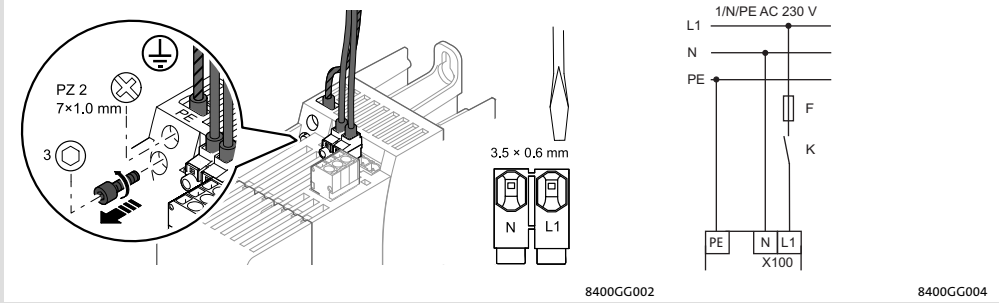


	[kW]	d ₁	d ₂	d ₃	c	c ₁	c ₂	i	j ₁₁	j ₂₁	
		[mm]									[kg]
E84AVHCE2512xXx	0.25	9	5	180	70	35	35	0	> 95	> 95	1.3
E84AVHCE3712xXx	0.37										
E84AVHCE3714xXx	0.37										
E84AVHCE551xxXx	0.55	9	5	230	70	35	35	0	> 95	> 95	1.8
E84AVHCE751xxXx	0.75										
E84AVHCE112xxXx	1.1										
E84AVHCE152xxXx	1.5	8	10	285	70	35	35	0	> 95	> 95	2.1
E84AVHCE222xxXx	2.2										
E84AVHCE3024xXS	3.0										
E84AVHCE2512xBx	0.25	9	5	180	70	35	35	0	> 95	> 95	1.4
E84AVHCE3712xBx	0.37										
E84AVHCE3714xBx	0.37										
E84AVHCE551xxBx	0.55	9	5	230	70	35	35	0	> 95	> 95	1.9
E84AVHCE751xxBx	0.75										
E84AVHCE112xxBx	1.1										
E84AVHCE152xxBx	1.5	8	10	285	70	35	35	0	> 95	> 95	2.2
E84AVHCE222xxBx	2.2										
E84AVHCE3024xB5	3.0										

X100 - TN, TT

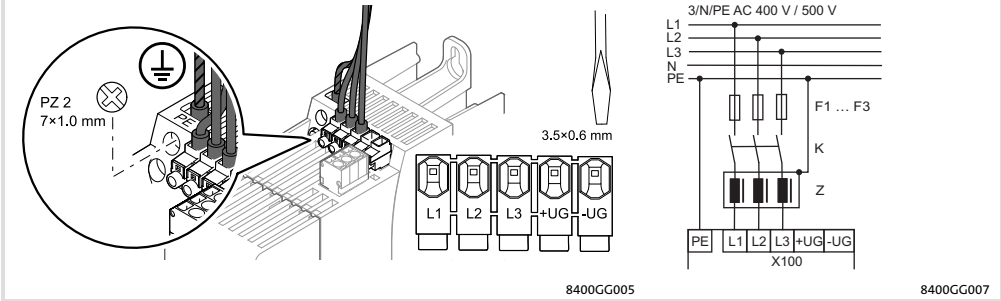


X100 - IT

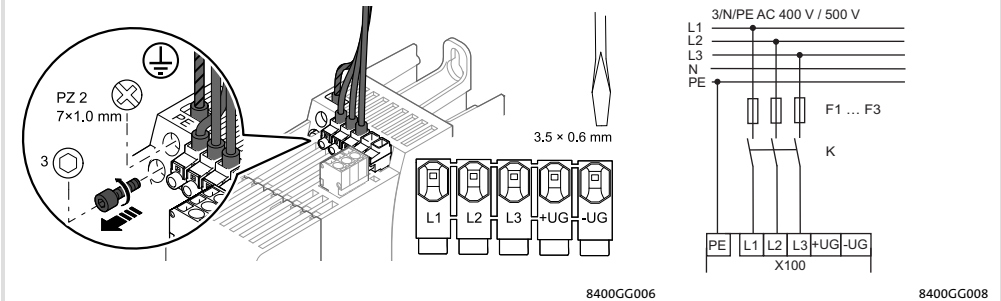


	F						L1, N			PE		
	EN 60204				UL							
	[A]		[A]		[A]	[A]	[mm²] [AWG]	[mm]	[Nm] [lb-in]	[mm²] [AWG]	[mm]	[Nm] [lb-in]
E84AVHCE2512	6	C6	6	C6	6	6	1 ... 2.5 18 ... 12		0.5	1 ... 6 18 ... 10		1.7
E84AVHCE3712	6	C6	6	C6	10	10		7	4.4		10	15
E84AVHCE5512	10	C10	10	C10	10	10	1 ... 2.5 18 ... 12		0.5	1 ... 6 18 ... 10		1.7
E84AVHCE7512	10	C10	10	C10	15	15		7	4.4		10	15
E84AVHCE1122	16	C16	16	C16	20	20						
E84AVHCE1522	16	C16	20	C20	25	25	1 ... 6 18 ... 10	8	0.5 4.4	1 ... 6 18 ... 10	10	1.7 15
E84AVHCE2222	20	C20	25	C25	30	30						

X100 - TN, TT



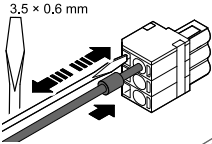
X100 - IT

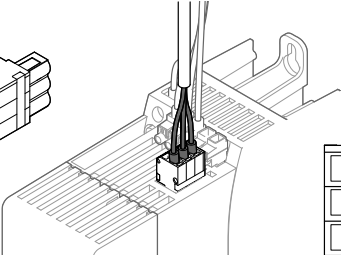


	F						L1, L2, L3			PE		
	EN 60204				UL							
	[A]		[A]		[A]	[A]	[mm²] [AWG]	[mm]	[Nm] [lb-in]	[mm²] [AWG]	[mm]	[Nm] [lb-in]
E84AVHCE3714	6	C6	6	C6	6	6	1 ... 2.5 18 ... 12	7	0.5 4.4	1 ... 6 18 ... 10	10	1.7 15
E84AVHCE5514	6	C6	6	C6	6	6						
E84AVHCE7514	6	C6	6	C6	6	6						
E84AVHCE1124	6	C6	10	C10	10	10	1 ... 2.5 18 ... 12	7	0.5 4.4	1 ... 6 18 ... 10	10	1.7 15
E84AVHCE1524	6	C6	10	C10	10	10						
E84AVHCE2224	10	C10	10	C10	10	10						
E84AVHCE3024xxS	10	C10	16	C16	15	15						

X101

3.5 × 0.6 mm





COM

NC

NO

X101

COM

NC

NO

8400GG009

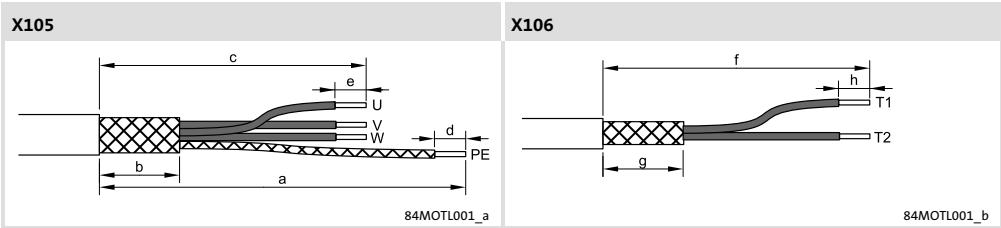
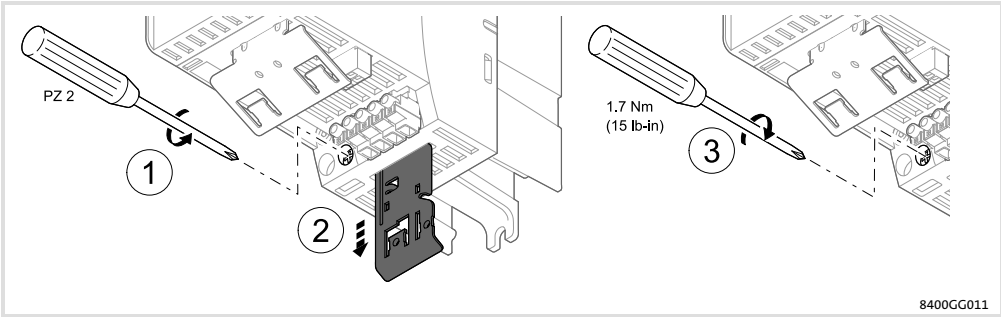
8400GG010

	COM, NC, NO	
		
	[mm²] [AWG]	[mm]
E84AVHCE2512 E84AVHCE3712	0.2 ... 1.5 24 ... 16	10
E84AVHCE3714 E84AVHCE551x E84AVHCE751x	0.2 ... 1.5 24 ... 16	10
E84AVHCE112x E84AVHCE152x E84AVHCE222x E84AVHCE3024xxS	0.2 ... 1.5 24 ... 16	10

EDK84VHCE222 DE/EN/FR/ES/IT 5.2

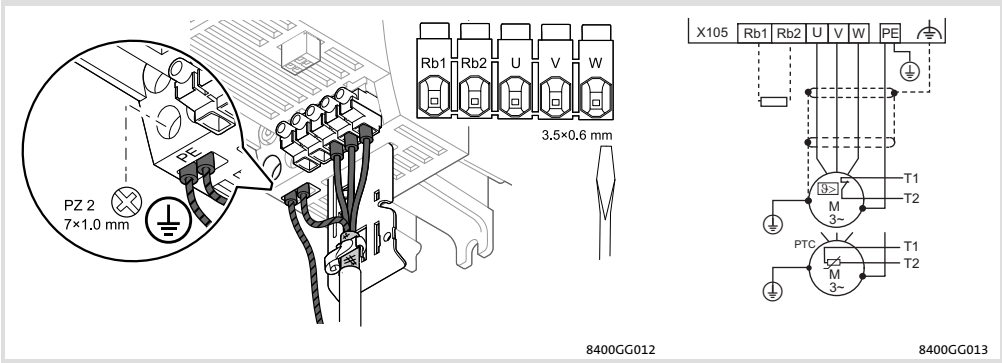
11

Lenze

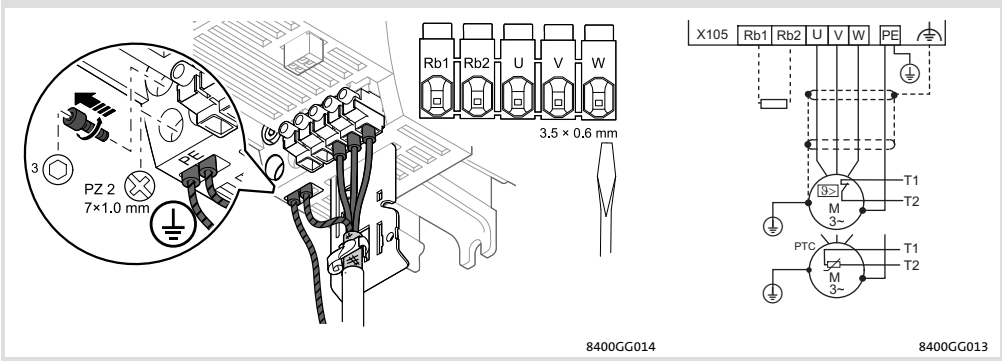


	U, V, W					PE				T1, T2			
	b	c	e			a	d			f	g	h	
	[mm]	[mm]	[mm]	[mm ²] [AWG]	[Nm] [lb-in]	[mm]	[mm]	[mm ²] [AWG]	[Nm] [lb-in]	[mm]	[mm]	[mm]	[mm ²] [AWG]
E84AVHCE2512 E84AVHCE3712	25	65	7	1 ... 2.5 18 ... 12	0.5 4.4	90	9	1 ... 6 18 ... 10	1.7 15	95	25	10	0.2 ... 1.5 24 ... 16
E84AVHCE3714 E84AVHCE551x E84AVHCE751x	30	65	7	1 ... 2.5 18 ... 12	0.5 4.4	90	9	1 ... 6 18 ... 10	1.7 15	95	30	10	0.2 ... 1.5 24 ... 16
E84AVHCE112x E84AVHCE152x E84AVHCE222x E84AVHCE3024xxS	30	65	7	1 ... 2.5 18 ... 12	0.5 4.4	90	9	1 ... 6 18 ... 10	1.7 15	95	30	10	0.2 ... 1.5 24 ... 16

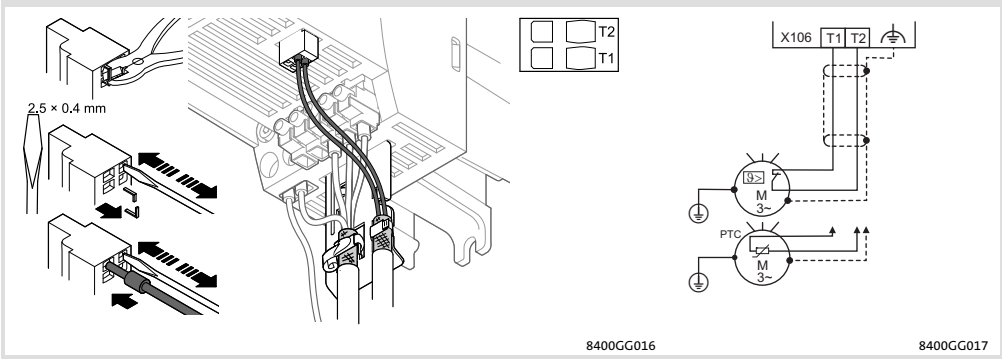
X105 - TN, TT

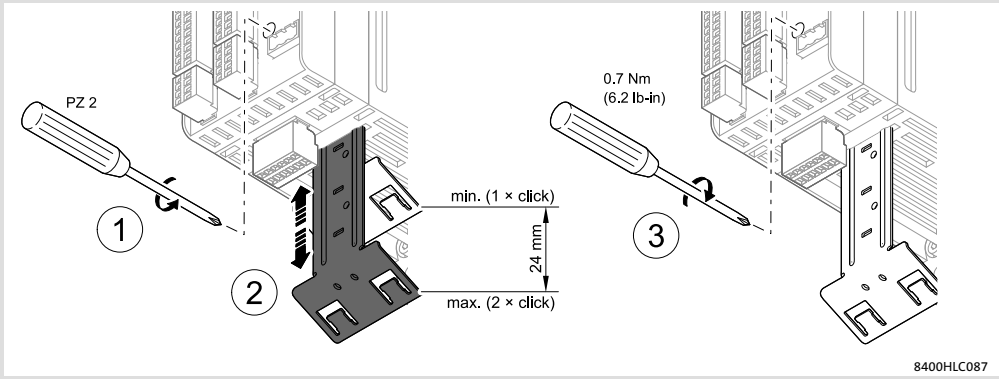


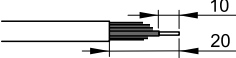
X105 - IT



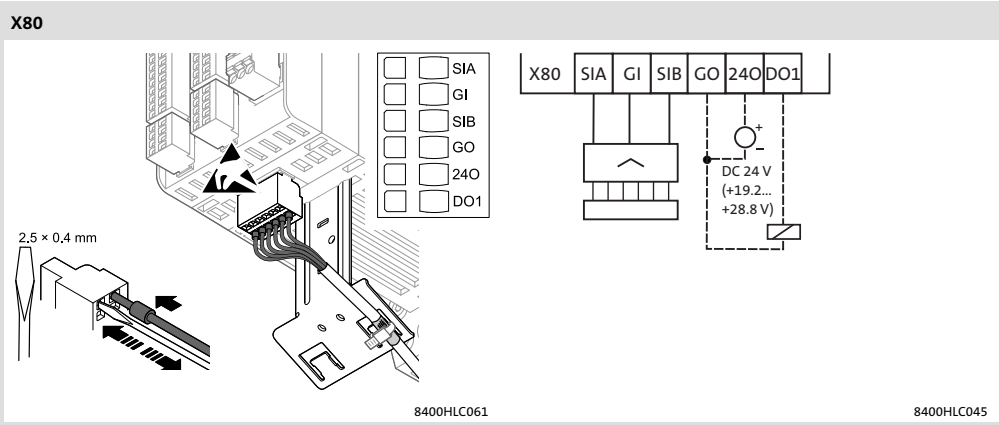
X106

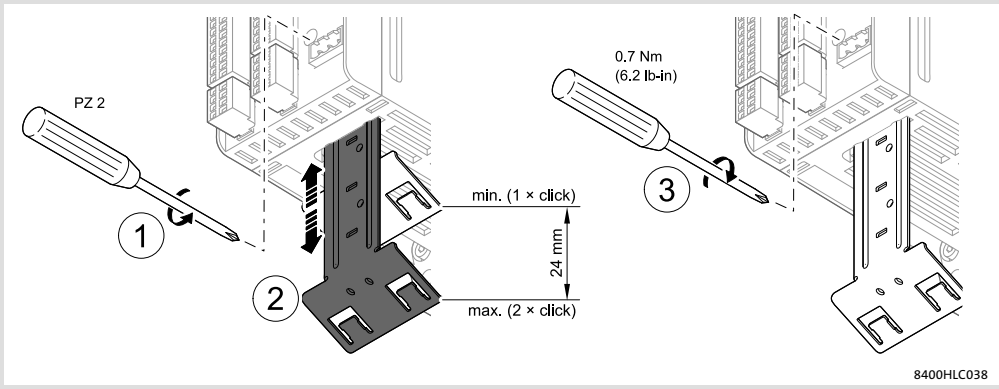




	
[mm]	[mm ²] [AWG]
	0.2 ... 1.5 24 ... 16

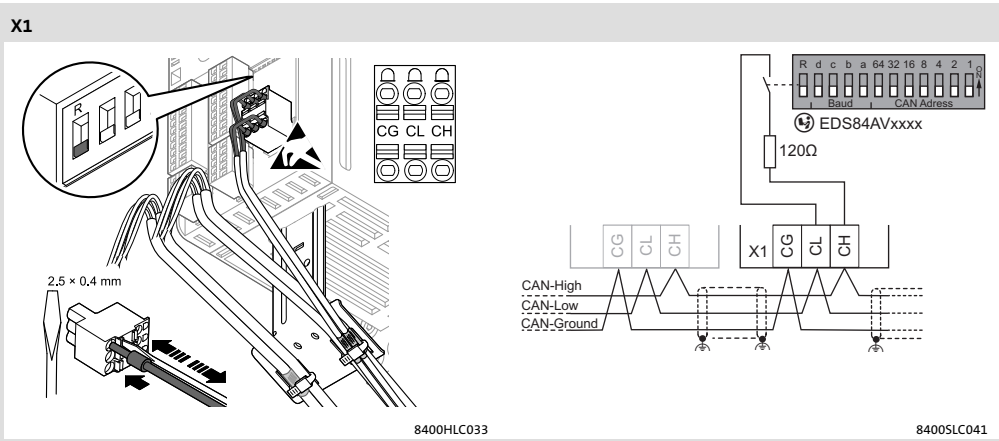
84MOTL001_g



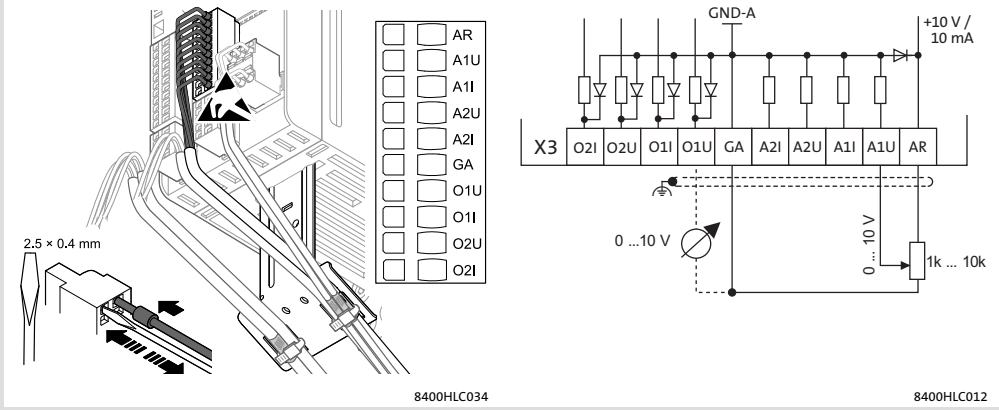


X1	X3, X107	X4, X5
84MOTL001_e	84MOTL001_d	84MOTL001_f

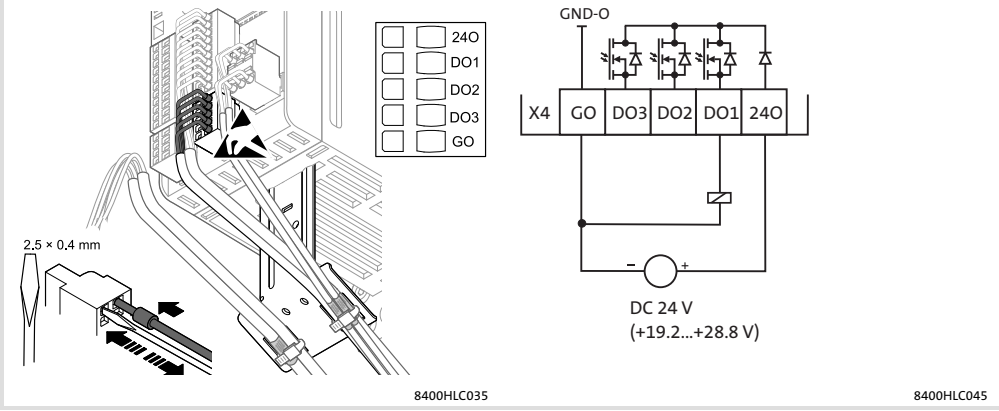
X1			X3			X4, X5		X107		
min.	max.		min.	max.				min.	max.	
a [mm]	a [mm]	[mm ²] [AWG]	a [mm]	a [mm]	[mm ²] [AWG]	[mm ²] [AWG]		a [mm]	a [mm]	[mm ²] [AWG]
110	135	0.2 ... 1.5 24 ... 16	150	175	0.2 ... 1.5 24 ... 16	0.2 ... 1.5 24 ... 16		115	140	0.2 ... 1.5 24 ... 16



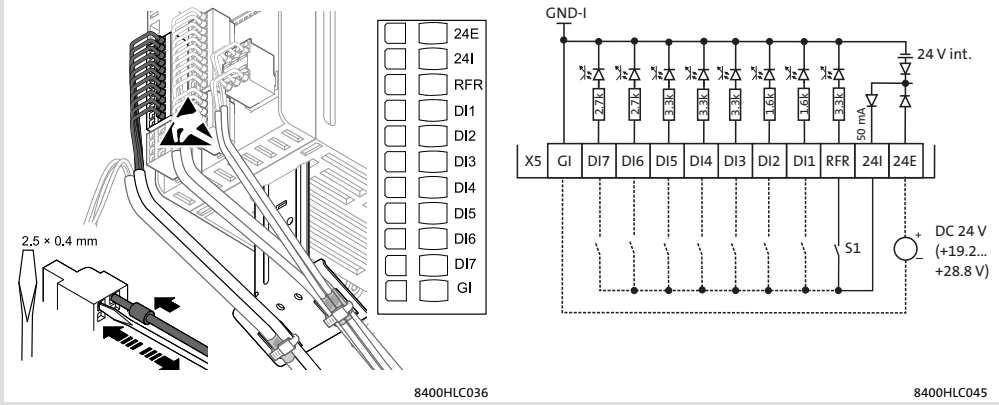
X3



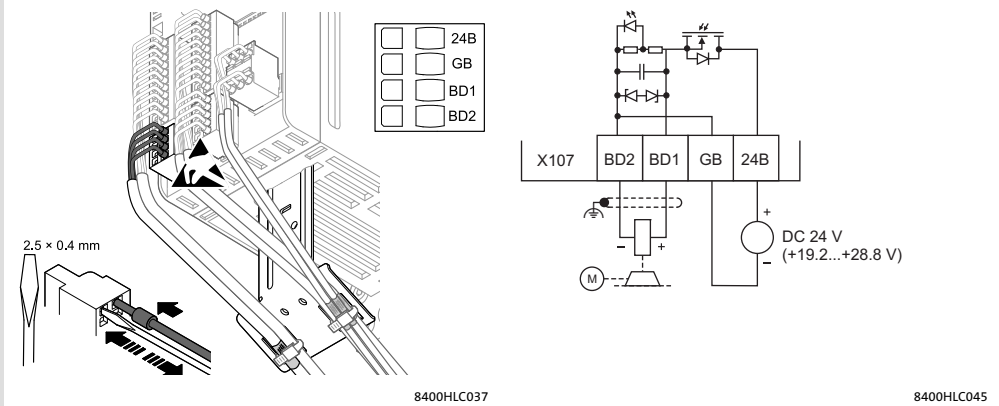
X4



X5



X107





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