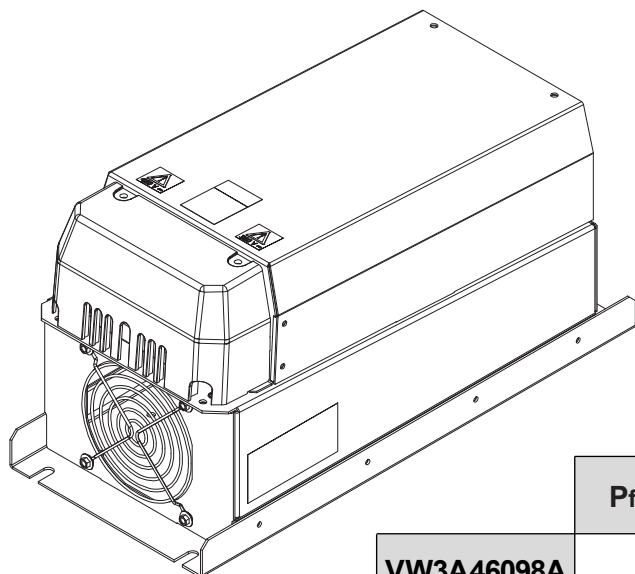




GEX9079500

Altivar**Passive Filters****VW3A46098A...VW3A46100A**

	Pfilter (kW)	Vnom filter (V)	Ifilter (A)	Ffilter (Hz)
VW3A46098A	1.1	400	1.7	50
VW3A46099A	2.2	400	3.4	50
VW3A46100A	4	400	6.2	50

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Only appropriately trained persons who are familiar with and fully understand the contents of the present manual and all other pertinent product documentation and who have received all necessary training to recognize and avoid hazards involved are authorized to work on and with this equipment.
- Installation, adjustment, repair, and maintenance must be performed by qualified personnel.
- Verify compliance with all local and national electrical code requirements as well as all other applicable regulations with respect to grounding of all equipment.
- Before performing work and/or applying voltage on the equipment, follow the instructions given in the appropriate installation manual.

Failure to follow these instructions will result in death or serious injury.

CAUTION

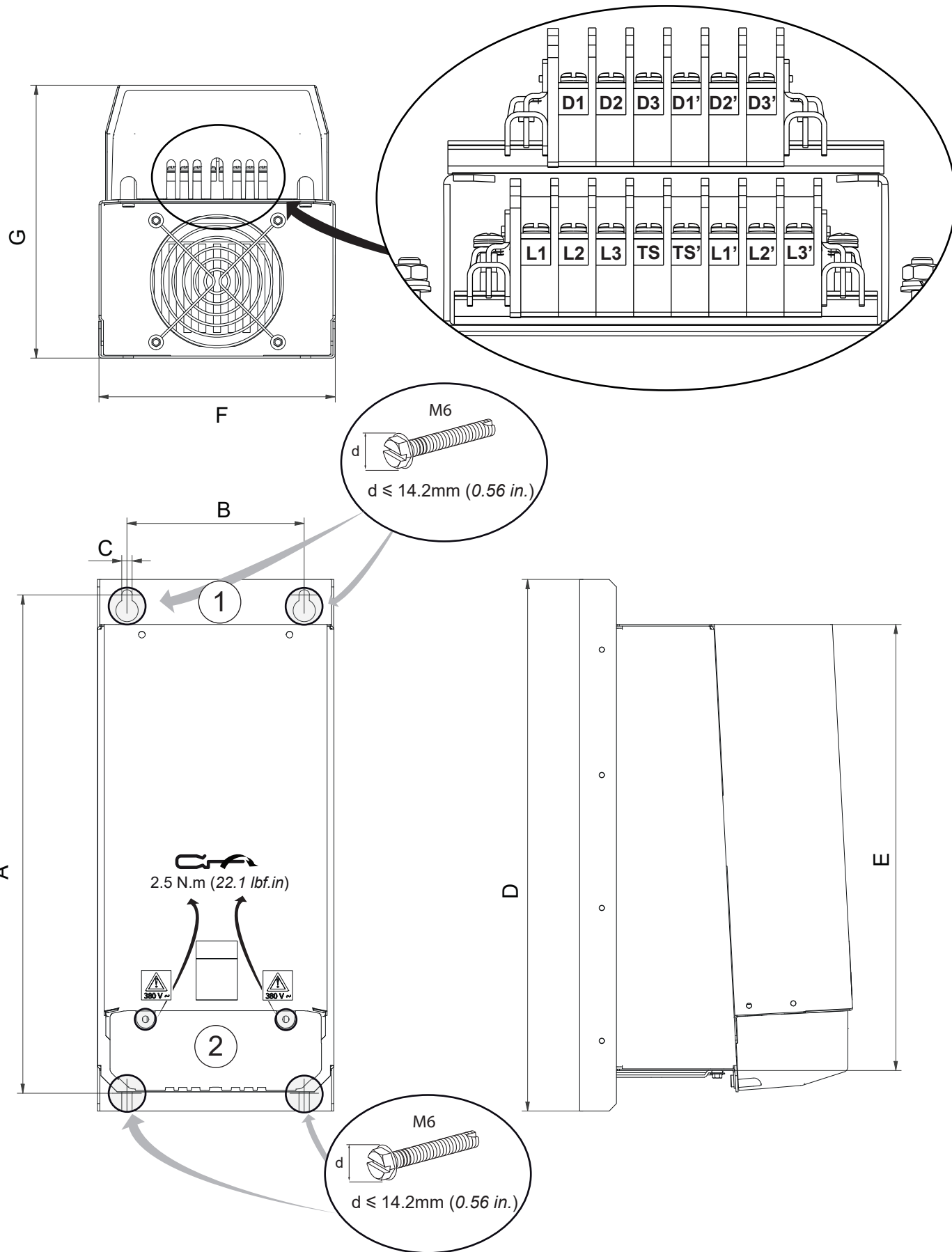
SHARP EDGES



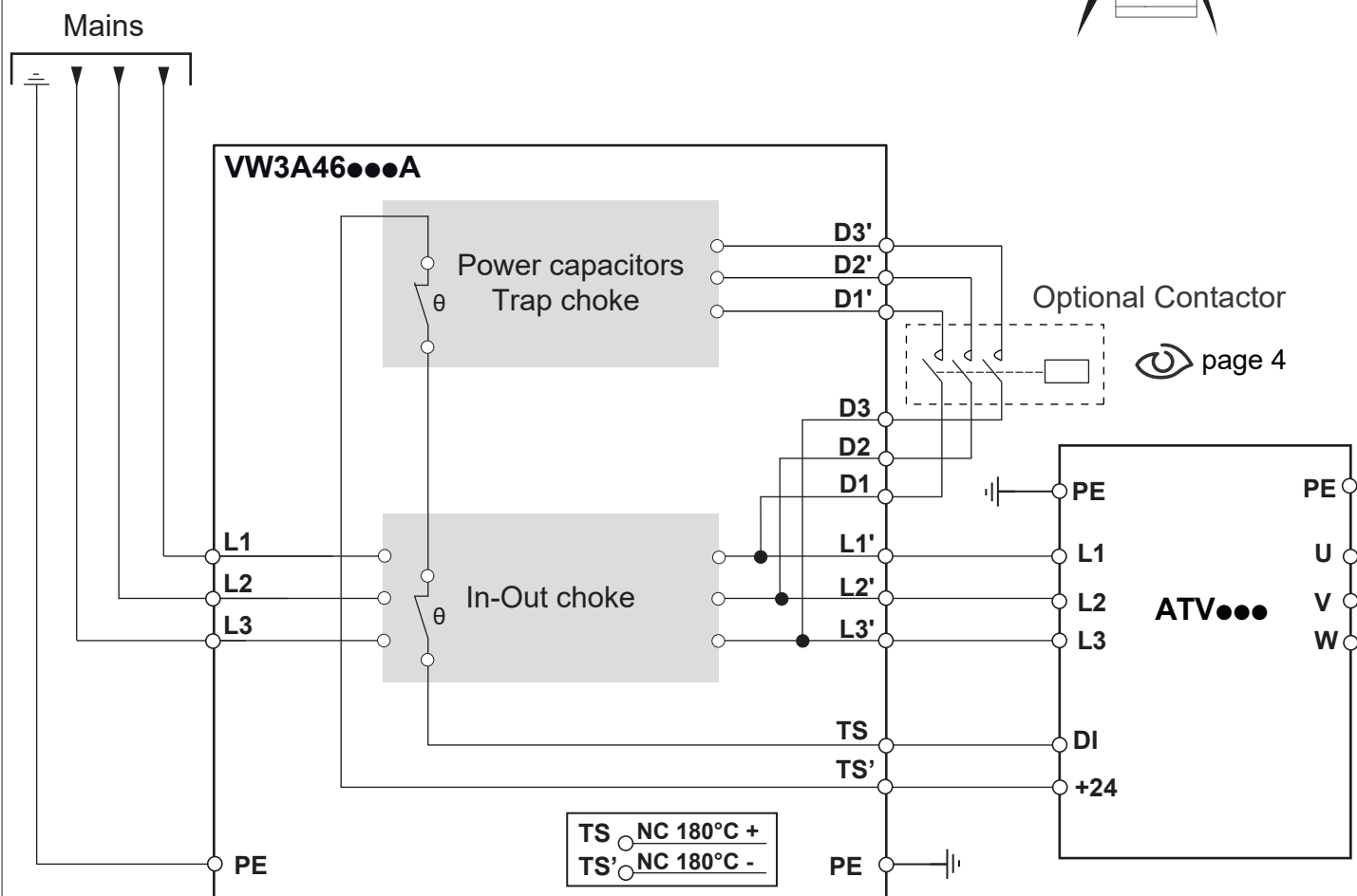
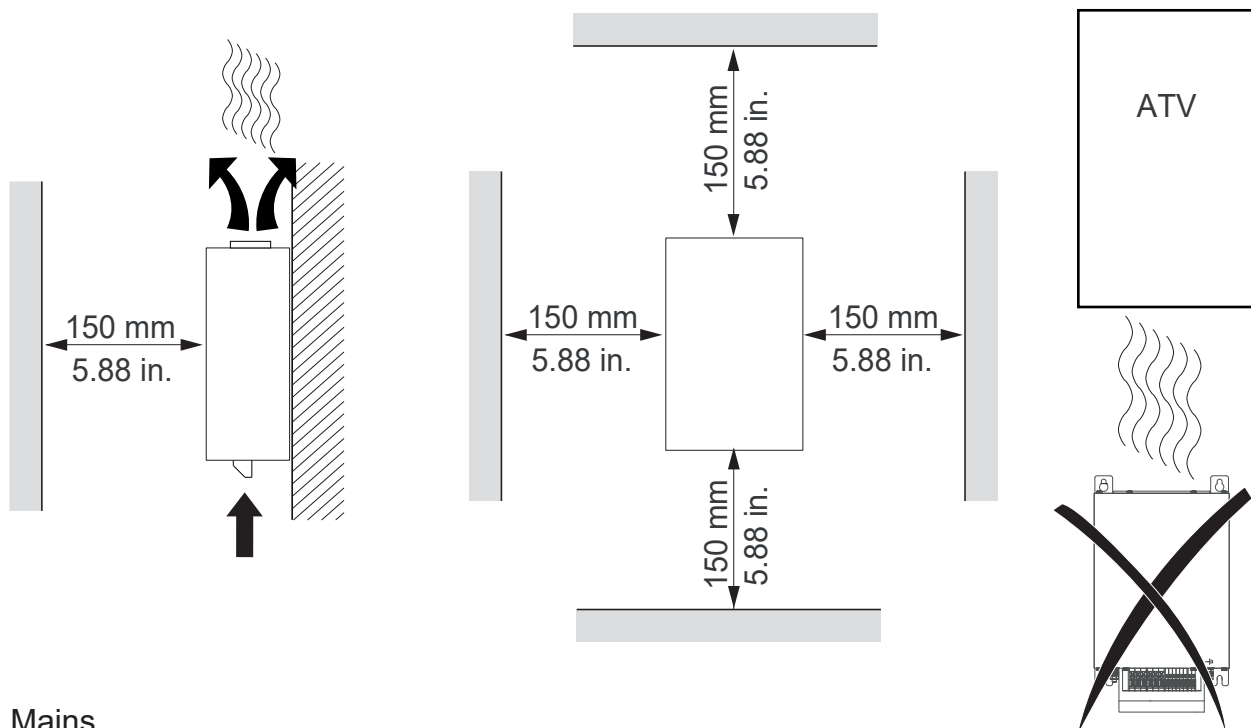
Use all necessary personal protective equipment (PPE) such as gloves when performing any type of work whatsoever on or with this product.

Failure to follow these instructions can result in injury or equipment damage.

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this product. © 2023 Schneider Electric. All Rights Reserved.



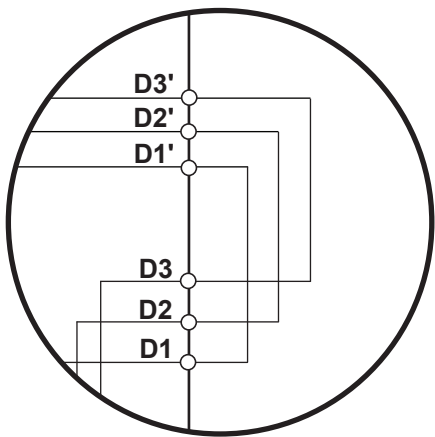
mm (in.)	A	B	C	D	E	F	G
VW3A46098A VW3A46099A	340 (13.4)	120 (4.72)	7 (0.28)	360 (14.2)	302 (11.9)	160 (6.3)	185 (7.3)
VW3A46100A	405 (15.9)	120 (4.72)	7 (0.28)	425 (16.7)	370 (14.6)	180 (7.1)	206 (8.1)



	L1-L2-L3 L1'-L2'-L3'		PE		D1-D2-D3 D1'-D2'-D3' TS-TS'	
	Cross Wire Section	N.m (lbf.in)	Screw Size	N.m (lbf.in)	Cross Wire Section	N.m (lbf.in)
VW3A46098A VW3A46099A	0.4-2.5 mm ² AWG 22-14	0.5 (4.4)	M5	2.0-2.2 (17.7-19.5)	0.4-2.5 mm ² AWG 22-14	0.5 (4.4)
VW3A46100A	0.4-6 mm ² AWG 22-10	1.2 (10.6)	M6	3.5-4.0 (31-35.4)		

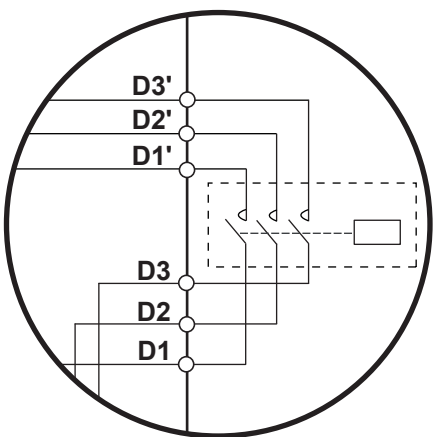
D1-D1', D2-D2', D3-D3' contacts:

Shunted:



OR

Optional Contactor used:



Contactor rating selection:

Contactor rating = $P_{\text{filter}} \cdot 20\% \cdot \frac{V_{\text{mains}}}{V_{\text{nom filter}}}$

$\frac{P_{\text{filter}}}{V_{\text{nom filter}}}$  **→** page 1

Example = $2.2 \cdot 0.2 \cdot \frac{400}{400} = 0.44 \text{ kVar}$

Contactor states:

Drive loading	Contactor state (manually)
≤12.5% (± 2.5%)	Opened
≥17.5% (± 2.5%)	Bypassed

Before power on, follow the steps below:

NOTICE

RIPPLE ON THE DC BUS

Before power on, follow the steps below:

- 1) Refer to product programming manual and enter the correct motor parameters.
 - 2) Run [Autotuning] **TUN**.
 - 3) Find [Input Filter] **DCR**- menu, set parameter [IFI] to [Yes].
- Contact Schneider Electric Customer Care Center on www.se.com/CCC if you have other questions.

Failure to follow these instructions can result in equipment damage.

[External error] **ETF** assignement on Digital Input (DI):



(EtF-)
(EtF)

**→** Programming manual on www.se.com