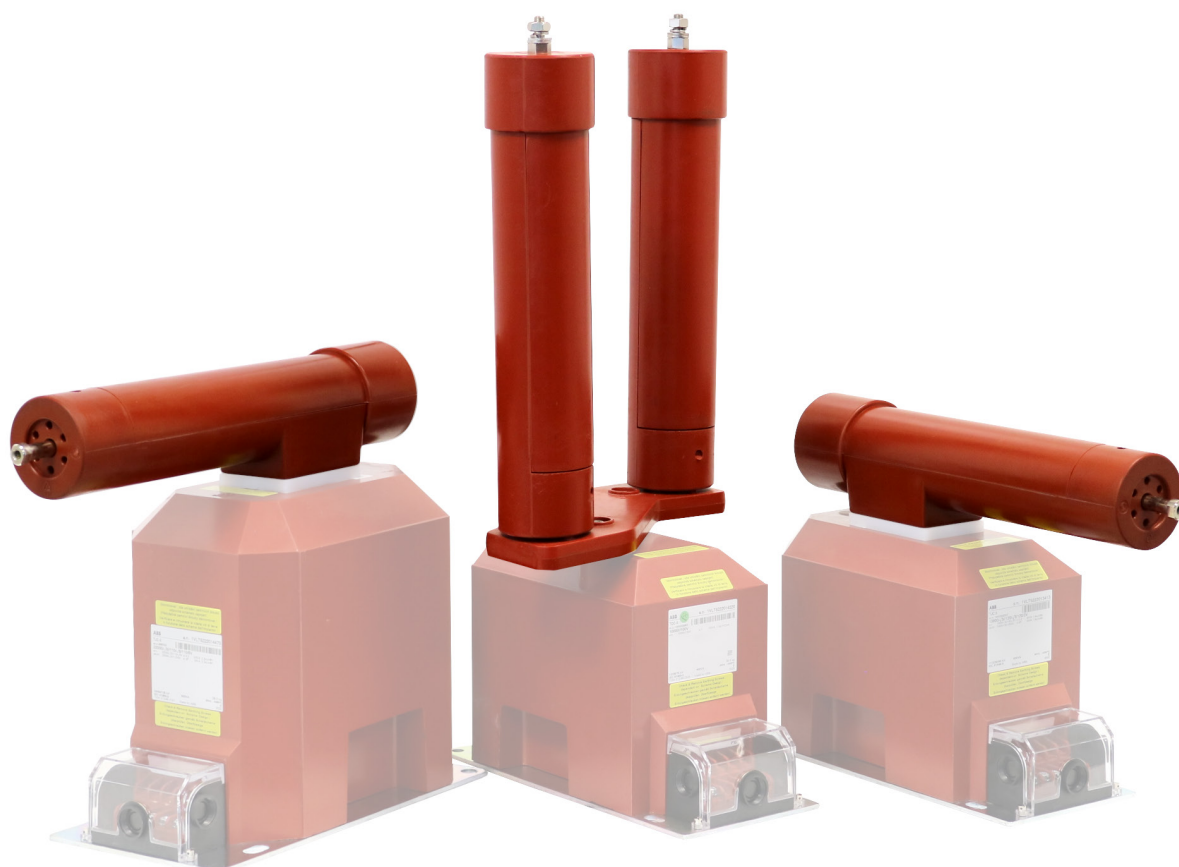


MEDIUM VOLTAGE PRODUCT

Fuse holders

for indoor voltage transformers



The loose fuse holders can be delivered separately or together with indoor single-pole or double-pole voltage transformers. Depending on customer request the fuse holders are standardly delivered with a fuse link with tripping current 0.5, 0.6, 0.7 A as per the VT insulation voltage level or 2 A. Delivery of a separate fuse holder without the fuse link is also possible.

Please see manuals for installation 1VLM000666 (TJC single-pole VT) or 1VLM000667 (TDC double-pole VT) for detailed information about the fuse holders' assembly.



Single pole up to 24 kV

Ordering code		Insulation level [kV]	Type of fuse link		Fuse link tripping current	Type of fuse holder	Suitable VT
WBP*	GSZ022**		WBP*	GSZ022**			
1VL4200577R0013	1VL4200577R0034	7.2/20/60	WBP 6	GSZ022	0.7 A	horizontal	TJC 4/5/6
1VL4200577R0014	1VL4200577R0035	12/28/75	WBP 10	GSZ022	0.6 A	horizontal	TJC 4/5/6
1VL4200577R0015	1VL4200577R0036	17.5/38/95 24/50/125	WBP 20	GSZ022	0.5 A	horizontal	TJC 4/5/6
1VL4200577R0025	-	7.2/20/60	WBP 7.2 kV/2 A	-	2 A	horizontal	TJC 4/5/6
1VL4200577R0026	-	12/28/75	WBP 12 kV/2 A	-	2 A	horizontal	TJC 4/5/6
1VL4200577R0027	-	17.5/38/95 24/50/125	WBP 24 kV/2 A	-	2 A	horizontal	TJC 4/5/6
1VL4200577R0016	1VL4200577R0037	7.2/20/60	WBP 6	GSZ022	0.7 A	vertical	TJC 4/5/6
1VL4200577R0017	1VL4200577R0038	12/28/75	WBP 10	GSZ022	0.6 A	vertical	TJC 4/5/6
1VL4200577R0018	1VL4200577R0039	17.5/38/95 24/50/125	WBP 20	GSZ022	0.5 A	vertical	TJC 4/5/6

* WBP - fuse made by ABB

** GSZ022 - fuse made by external supplier

Double pole up to 17.5 kV

Ordering code TDC 4/5		Insulation level [kV]	Type of fuse link		Fuse link tripping current	Type of fuse holder
WBP*	GSZ022**		WBP*	GSZ022**		
1VL4200577R0001	1VL4200577R0028	7.2/20/60	WBP 6	GSZ022	0.7 A	horizontal
1VL4200577R0002	1VL4200577R0029	12/28/75	WBP 10	GSZ022	0.6 A	horizontal
1VL4200577R0003	1VL4200577R0030	17.5/38/95 24/50/125	WBP 20	GSZ022	0.5 A	horizontal
1VL4200577R0004	1VL4200577R0031	7.2/20/60	WBP 6	GSZ022	0.7 A	vertical
1VL4200577R0005	1VL4200577R0032	12/28/75	WBP 10	GSZ022	0.6 A	vertical
1VL4200577R0006	1VL4200577R0033	17.5/38/95; 24/50/125	WBP 20	GSZ022	0.5 A	vertical

*WBP - fuse made by ABB

** GSZ022 - fuse made by external supplier

Double pole up to 24 kV

Ordering code TDC 6		Insulation level [kV]	Type of fuse link		Fuse link tripping current	Type of fuse holder
WBP*	GSZ022**		WBP*	GSZ022**		
1VL4200577R0007	1VL4200577R0040	7.2/20/60	WBP 6	GSZ022	0.7 A	horizontal
1VL4200577R0008	1VL4200577R0041	12/28/75	WBP 10	GSZ022	0.6 A	horizontal
1VL4200577R0009	1VL4200577R0042	17.5/38/95 24/50/125	WBP 20	GSZ022	0.5 A	horizontal
1VL4200577R0010	1VL4200577R0043	7.2/20/60	WBP 6	GSZ022	0.7 A	vertical
1VL4200577R0011	1VL4200577R0044	12/28/75	WBP 10	GSZ022	0.6 A	vertical
1VL4200577R0012	1VL4200577R0045	17.5/38/95; 24/50/125	WBP 20	GSZ022	0.5 A	vertical

*WBP - fuse made by ABB

** GSZ022 - fuse made by external supplier

Fuse holders without fuse link

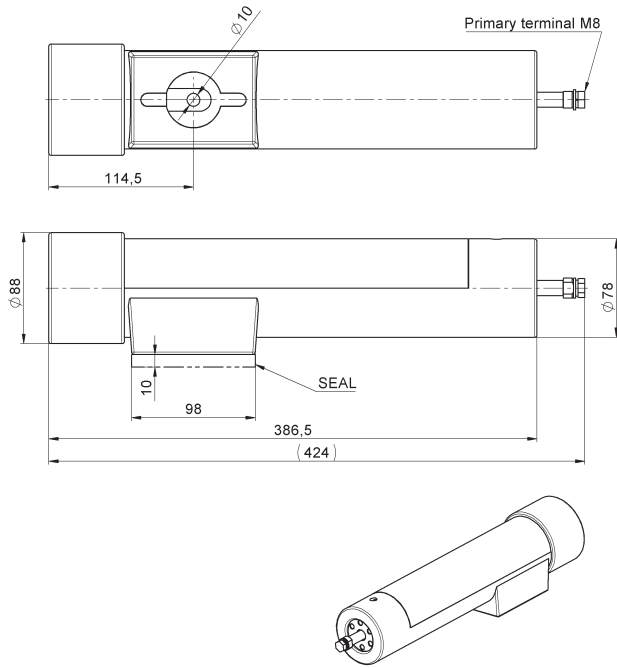
Ordering code	Insulation level [kV]	Type of fuse link	Fuse link tripping current	Type of fuse holder	Suitable VT
1VL4200577R0019	7.2/20/60	not included	-	horizontal	TJC 4/5/6
1VL4200577R0020	12/28/75	not included	-	horizontal	TJC 4/5/6
1VL4200577R0021	17.5/38/95 24/50/125	not included	-	horizontal	TJC 4/5/6
1VL4200577R0022	7.2/20/60	not included	-	vertical	TJC 4/5/6
1VL4200577R0023	12/28/75	not included	-	vertical	TJC 4/5/6
1VL4200577R0024	17.5/38/95 24/50/125	not included	-	vertical	TJC 4/5/6



Dimensional drawings

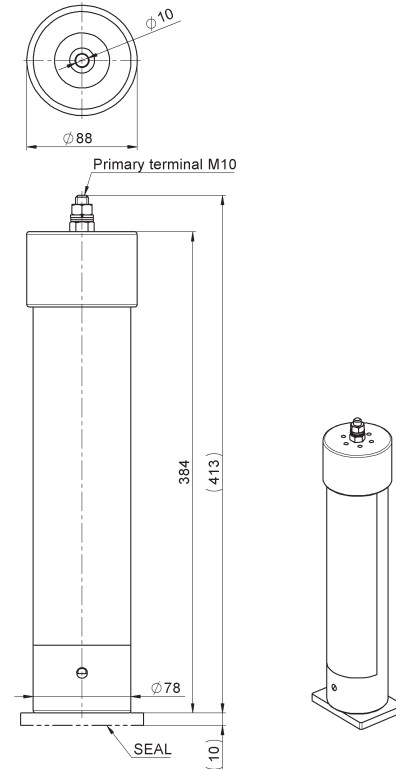
TJC horizontal fuse base

Drawing numbers: 1VL4200577R0013-15
1VL4200577R0019-21
1VL4200577R0025-27
1VL4200577R0034-36



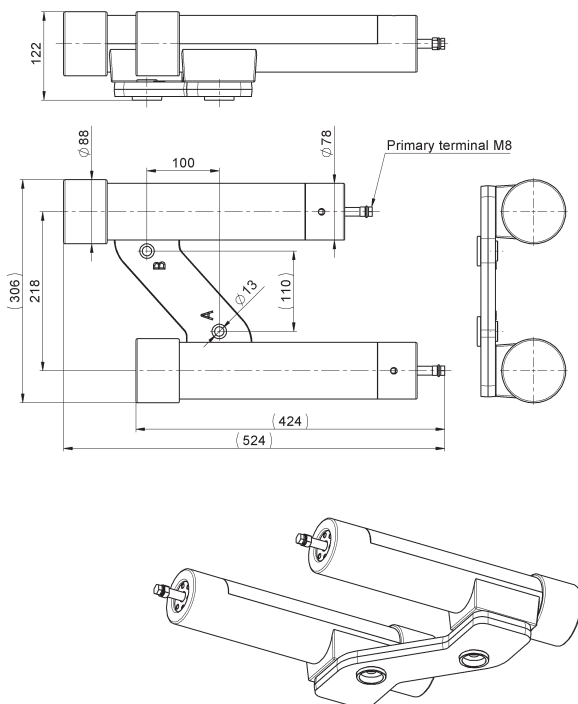
TJC vertical fuse base

Drawing numbers: 1VL4200577R0016-18
1VL4200577R0022-24
1VL4200577R0037-39



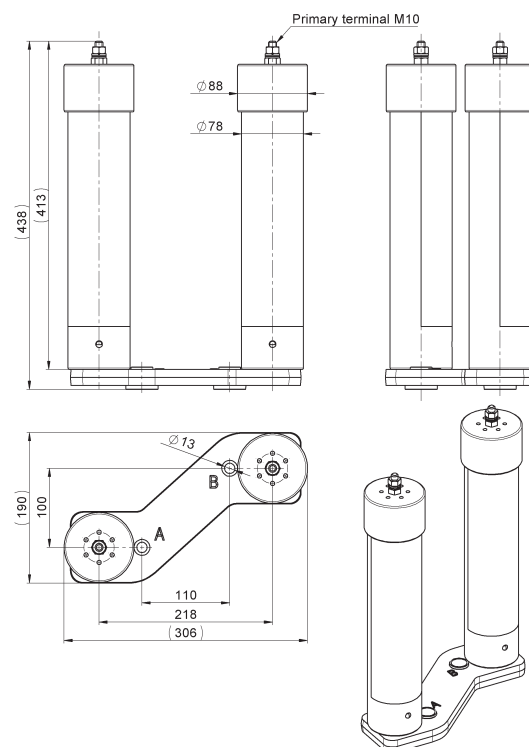
TDC 4/5 horizontal fuse base

Drawing numbers: 1VL4200577R0001-3
1VL4200577R0028-30



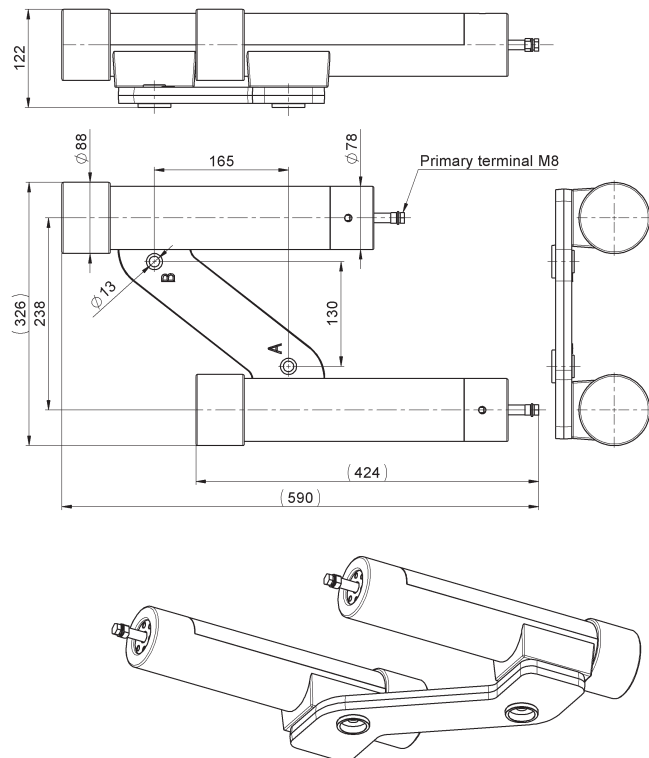
TJC 4/5 vertical fuse base

Drawing numbers: 1VL4200577R0004-6
1VL4200577R0031-33



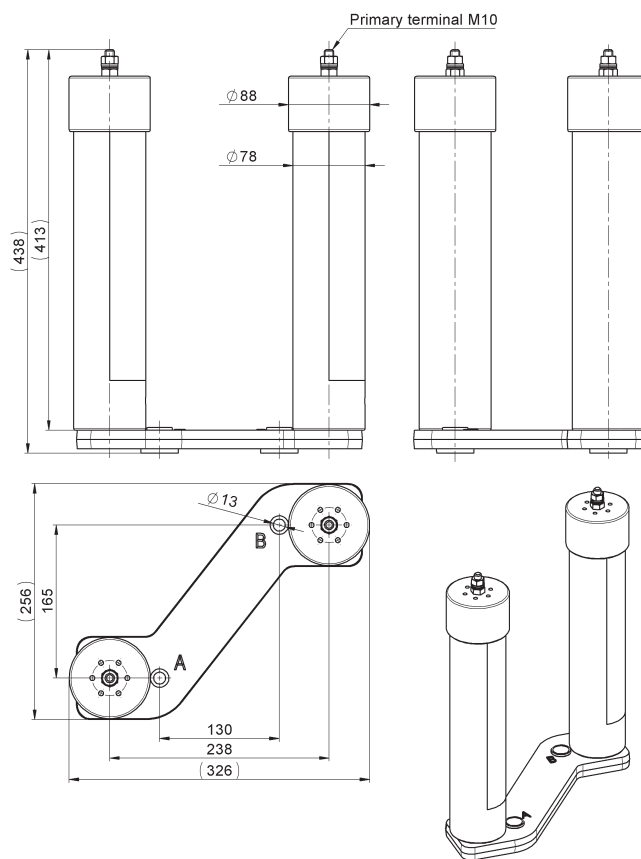
TDC 6 horizontal fuse base

Drawing numbers: 1VL4200577R0007-9
1VL4200577R0040-42



TDC 6 vertical fuse base

Drawing numbers: 1VL4200577R0010-12
1VL4200577R0043-45

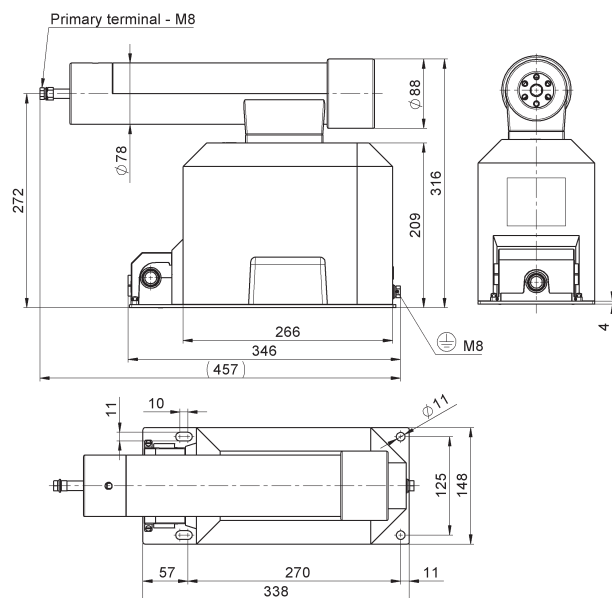


Dimensional drawings

Single pole

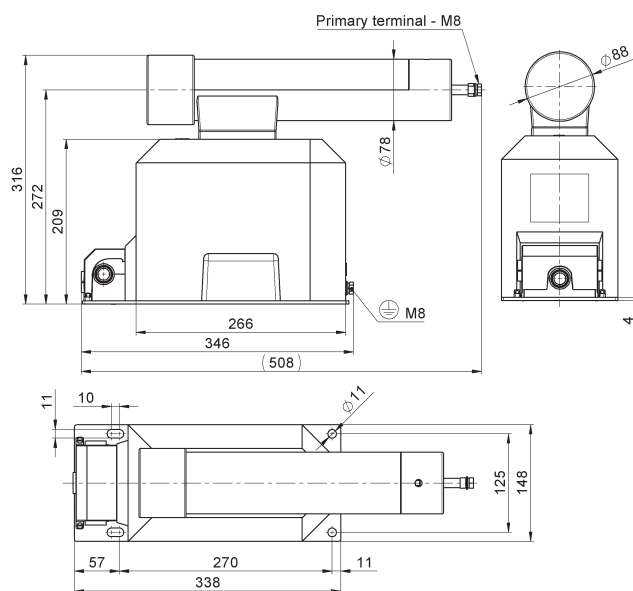
TJC 4/5 with horizontal fuse base

Drawing numbers: 1VL4200623R0101-3



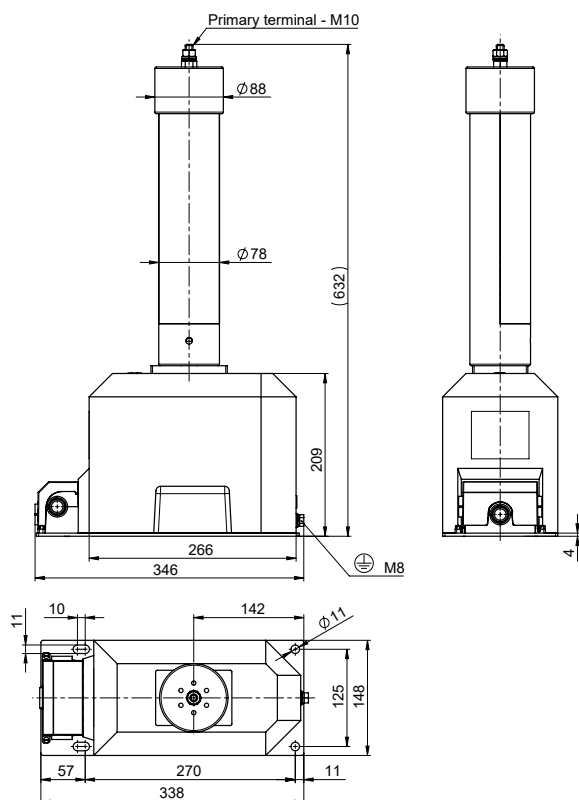
TJC 4/5 with horizontal fuse base

Drawing numbers: 1VL4200623R0201-3

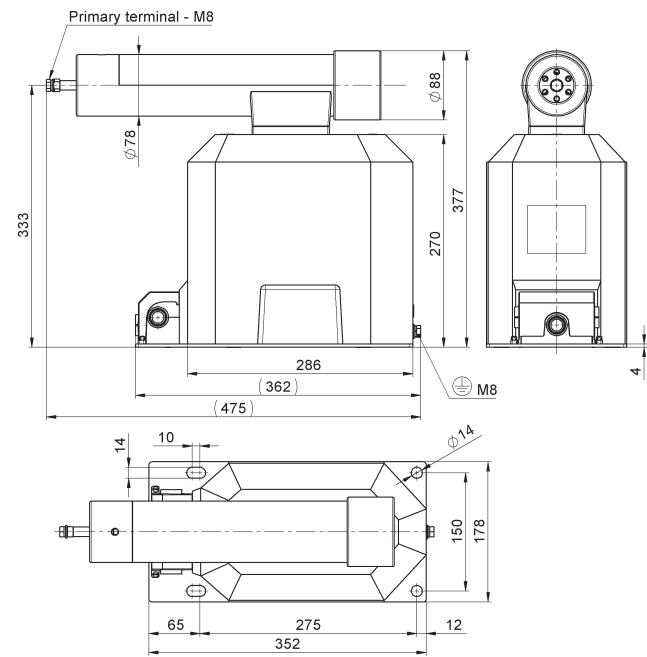


TJC 4/5 with vertical fuse base

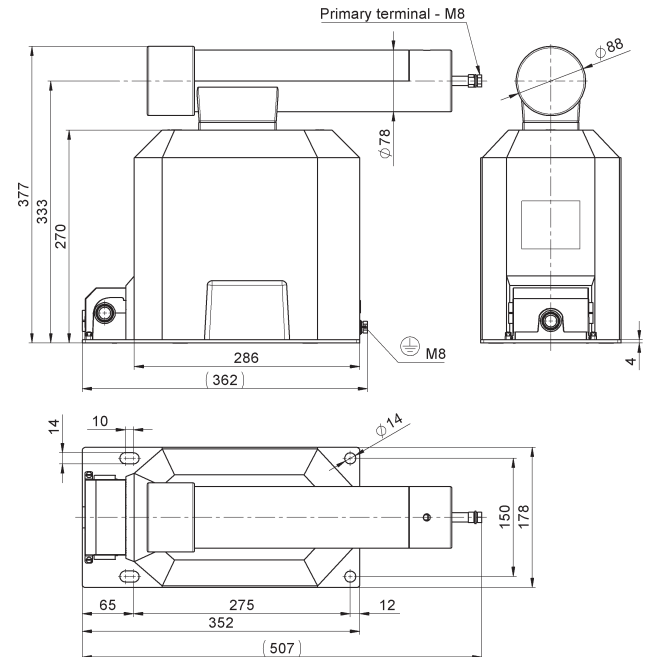
Drawing numbers: 1VL4200623R0301-3



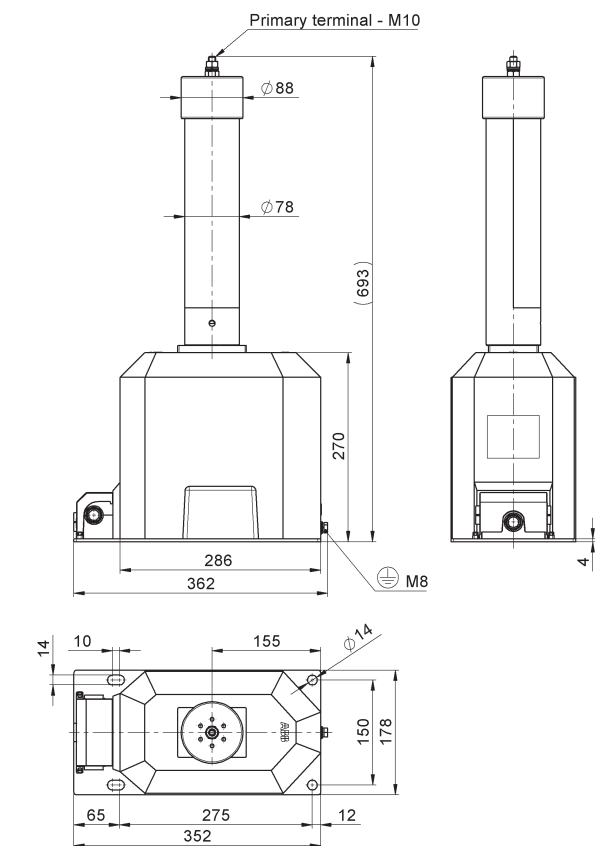
TJC 6 with horizontal fuse base
Drawing numbers: 1VL4200624R0101-3



TJC 6 with horizontal fuse base
Drawing numbers: 1VL4200624R0201-3

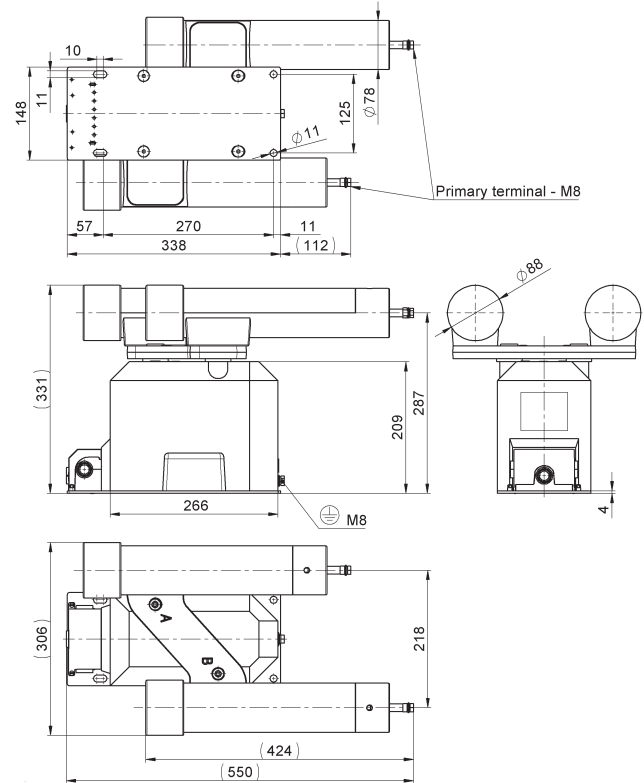


TJC 6 with vertical fuse base
Drawing numbers: 1VL4200624R0301-3



Double pole

Drawing numbers: 1VL4200621R0201-3



Technical drawing of the M8 terminal block showing front, side, and top views with dimensions.

Front View:

- Primary terminal - M10
- Dimensions: 266 (width), 190 (base width), 209 (height to base), 647 (total height).
- Mounting hole: M8

Side View:

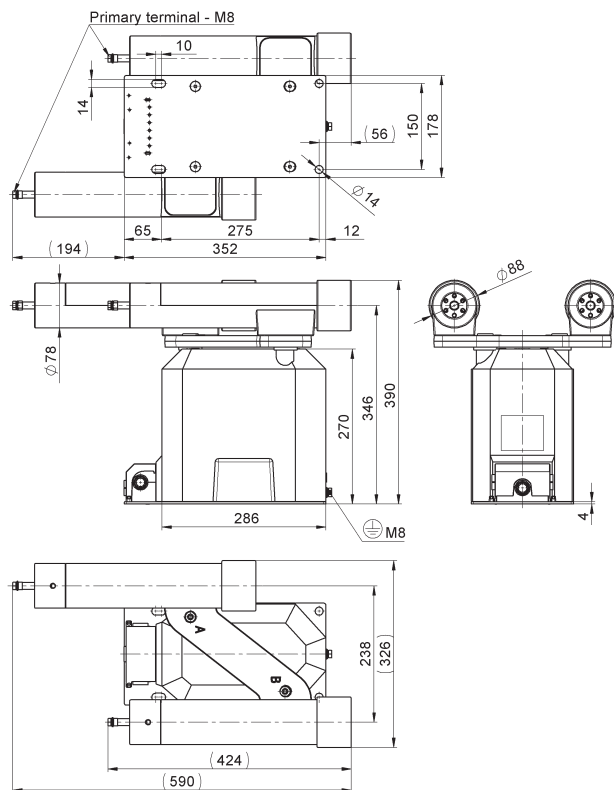
- Dimensions: 4 (base thickness).
- Terminal diameters: $\varnothing 88$ and $\varnothing 78$.

Top View:

- Dimensions: 338 (total width), 270 (width between terminals), 100 (terminal width), 89 (spacing), 11 (edge width).
- Terminal diameters: $\varnothing 11$.
- Mounting hole: M8.
- Other dimensions: 11, 10, 57, 125, 148, 218, 306.

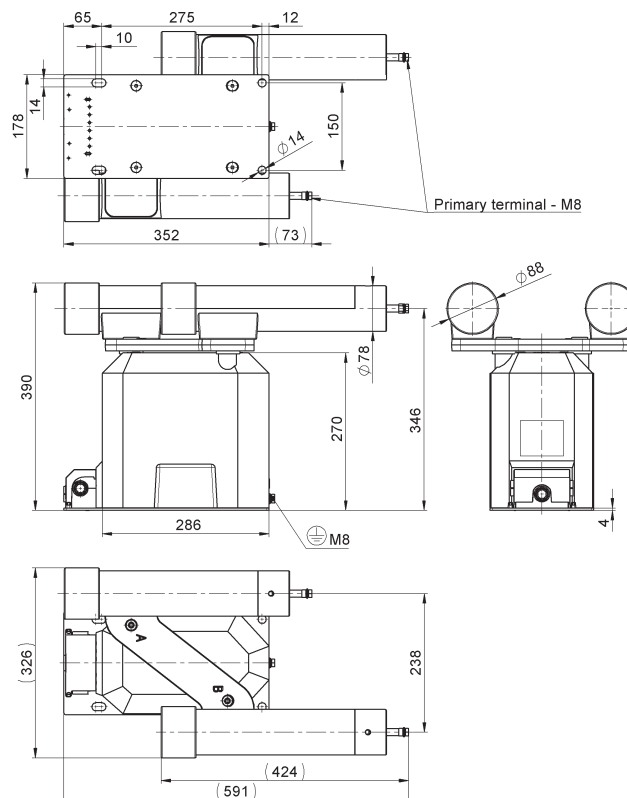
TDC 6 with horizontal fuse base

Drawing numbers: 1VL4200622R0101-3



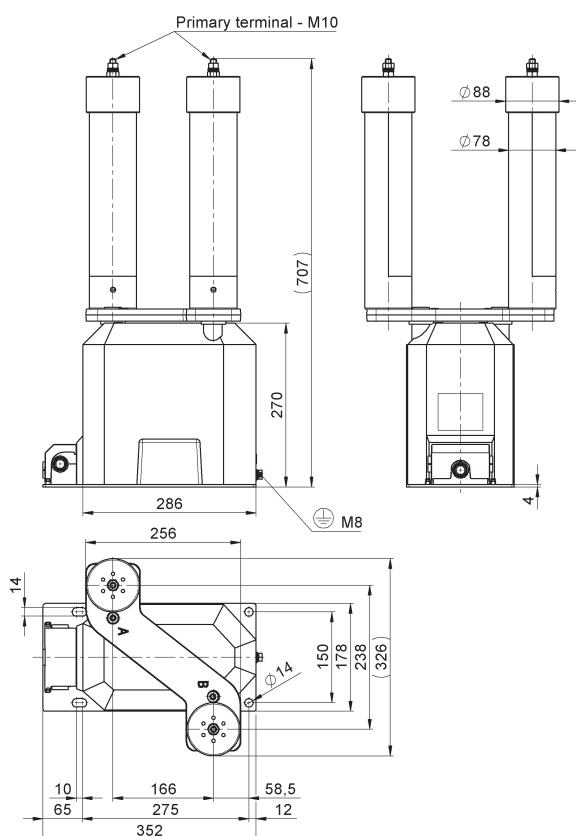
TDC 6 with horizontal fuse base

Drawing numbers: 1VL4200622R0201-3



TDC 6 with vertical fuse base

Drawing numbers: 1VL4200622R0301-3





CONTACT US

ABB s.r.o.

ELDS Brno

Videnska 117, 619 00 Brno,
Czech Republic

Tel.: +420 547 152 021

+420 547 152 854

Fax: +420 547 152 626

E-mail: kontakt@cz.abb.com

www.abb.com

NOTE

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents - in whole or in parts - is forbidden without prior written consent of ABB.

Copyright© 2023 ABB
All rights reserved