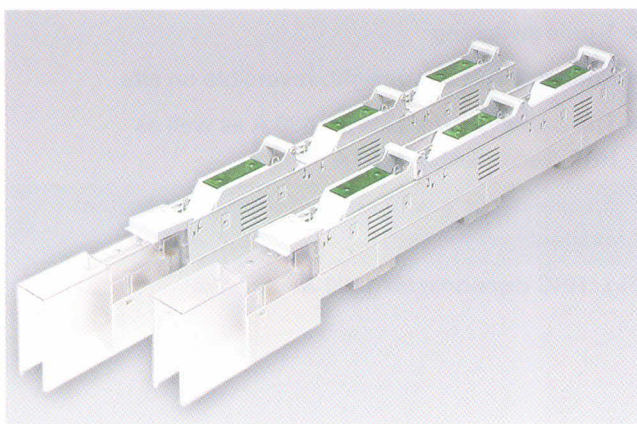
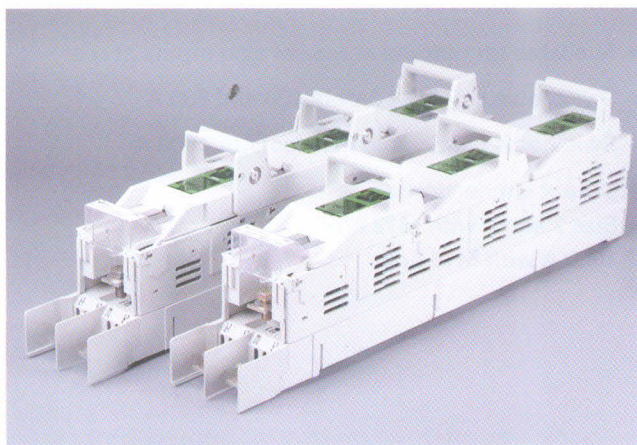

VERTIGROUP DIN00 160 A 100 mm

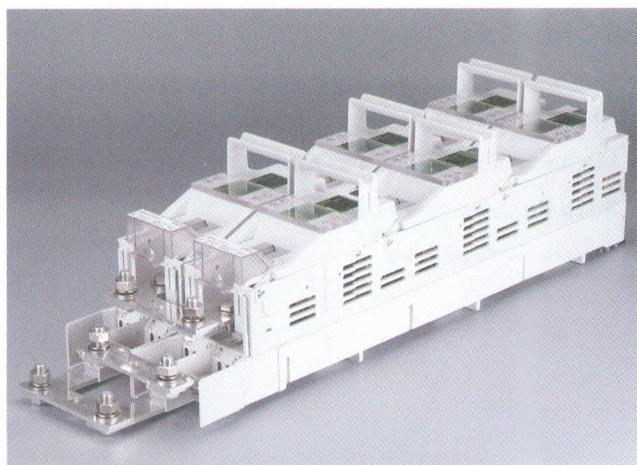
- 1- or 3-pole switching
- Bus bar mounting 100 mm (185 mm with adapter)
- Also available as fuse rail
- Current transformer installation
- Electronic fuse monitoring
- Rustproof terminal screws fitted


VERTIGROUP DIN00 160 A 185 mm

- 1-pole switching only
- Bus bar mounting 185 mm
- Also available as fuse rail
- Outgoing cable connections not included (order separately)


VERTIGROUP 250–630 A

- 1- or 3-pole switching
- Standard bus bar mounting 185 mm
- Outgoing C, V and L connections
- Also available as fuse rail
- Current transformer installation
- Outgoing screw connections
- Cable cover available


HRC double fuse switch

- Switchable single pole for 800 and 1260 A
- 100 mm spacing (120 mm on request)
- Connection up to 3 x 300 mm²
- Connection at bottom or top, reversible on site
- Terminal bolts fitted
- Cable cover available

VERTIGROUP DIN00 160 A

	Unit	DIN 00 100 mm	DIN 00 185 mm
Rated operational currents I_e	A	160	160
Rated operational voltage U_e	Vac	500	500
Rated insulation voltage U_i	Vac	800	1000
Rated frequency	Hz	50	50
Category of use according to EN 60947-3 at 500 V			
		AC22B	AC22B
Rated conditional short-circuit current I_{cf} with fuse protection	kA	50	50
Rated short-circuit making capacity I_{cm} with fuse	kA	50	50
Mechanical life number of switching cycles		>1400	>1400
Electrical life number of switching cycles		>200	>200
Protection classification to DIN 40 050 Front			
		IP30	IP30
Tightening torque levels:			
M8 screw, bus bar	Nm	12	12
Input terminal, bus bar	Nm	7	7
Cable connections: See page 6			
Approved by		KEMA KEUR	SEV
Corresponding to: EN 60947-3 IEC 947-3 VDE0660 Part 107			

The materials used for VERTIGROUP do not contain asbestos or ceramic fibres. They also contain no CFCs, PCBs or their isomers, radioactive materials or mercury. All plastic parts are flame-retardant and do not release hydrochloric acid when affected by fire.

VERTIGROUP size 1–3

	Unit	DIN 1	DIN 2	DIN 3
Rated operational currents I_e	A	250	400	630
Rated operational voltage U_e	Vac	500	500	500
Rated insulation voltage U_i	Vac	1000	1000	1000
Rated frequency	Hz	50	50	50
Category of use according to EN 60947-3 at 500V		AC22B	AC22B	AC21B
Rated short-time withstand current I_{cw} (1 sec)	kA	10	13	14
Rated conditional short-circuit current I_{cf} with fuse protection	kA	50	50	50
Rated short-circuit making capacity I_{cm} with fuse	kA	50	50	50
Mechanical life number of switching cycles		>1400	>1000	>1000
Electrical life number of switching cycles		>200	>200	>200
Protection classification to DIN 40 050 Front		IP30	IP30	IP30
Tightening torque levels:				
M12 screw, bus bar	Nm	40	40	40
Cable connections: See page 6				
Approved by		SEV KEMA KEUR	SEV KEMA KEUR	SEV KEMA KEUR

Corresponding to: EN 60947-3
IEC 947-3
VDE0660 Part 107

Earthing and short-circuit device

Test: EN 61230

Approval: SEV 

Rate operational voltage U_e : 1000 Vac

Short circuit resistance:

Cable cross-section:

25 mm² highly flexible stranded cable

Cable lengths:

Individual phases: 300, 500, 700 mm. Total: 1600 mm

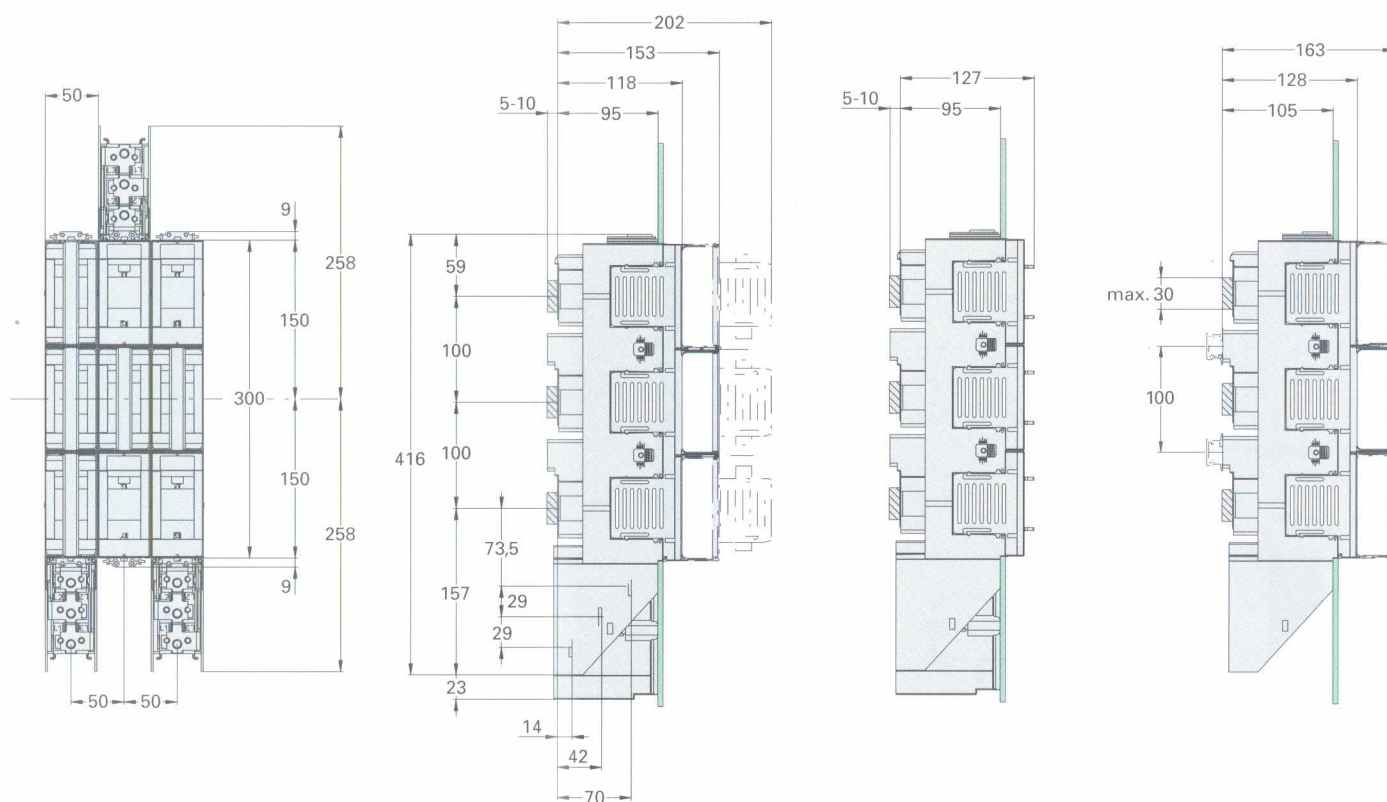
Rated operational current I_e	Size	Short-time current	Peak current
160 A – 250 A	DIN00, 1 SEV2	5kA _{eff} for 1,0s	12kA peak
400 A – 630 A	DIN2, 3 SEV4, 6, 6S	7kA _{eff} for 0,5s	16kA peak

VERTIGROUP DIN00 160 A 100 mm

Single and 3-pole switching

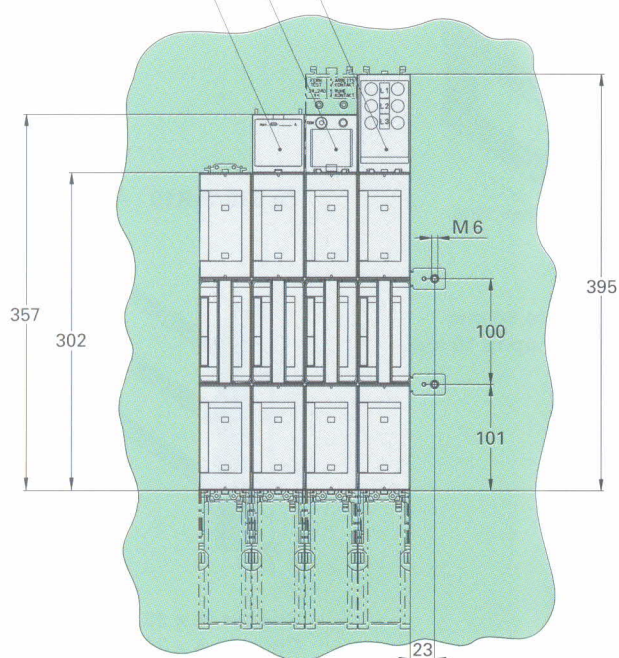
Lower switch cover

Mounting on support rail



Cut-outs in cover plate

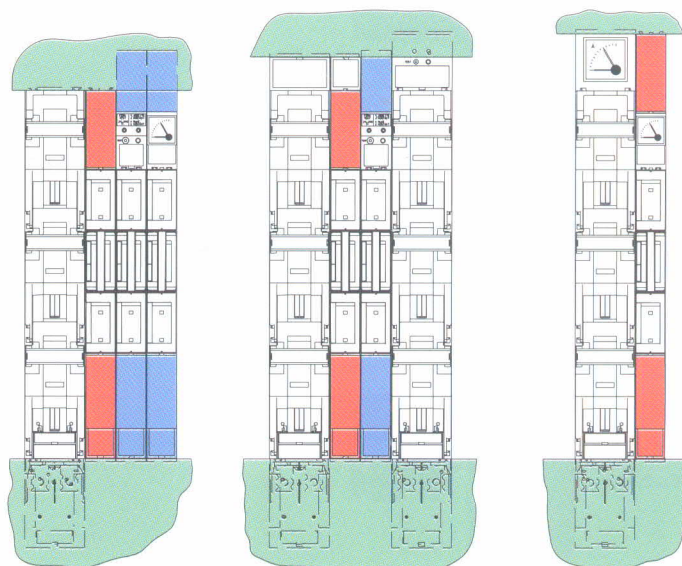
V00-AH...
*/SU
V00-BT



Adapter for bus bar spacing 185 mm

Type V00-AOU

Type V00-POU

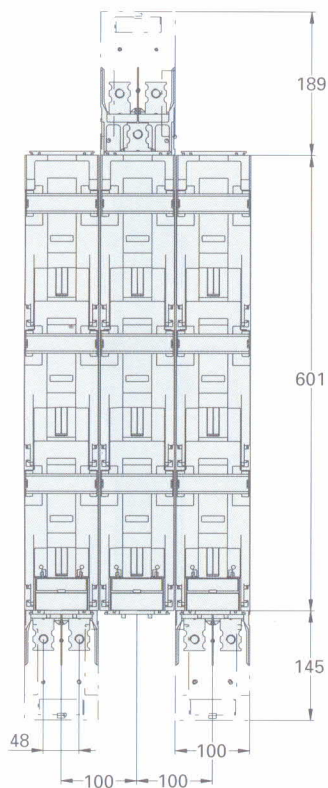


Type V00-AOU adapter covers (top - bottom) compensate for the difference in length between size 00 and sizes 1-3

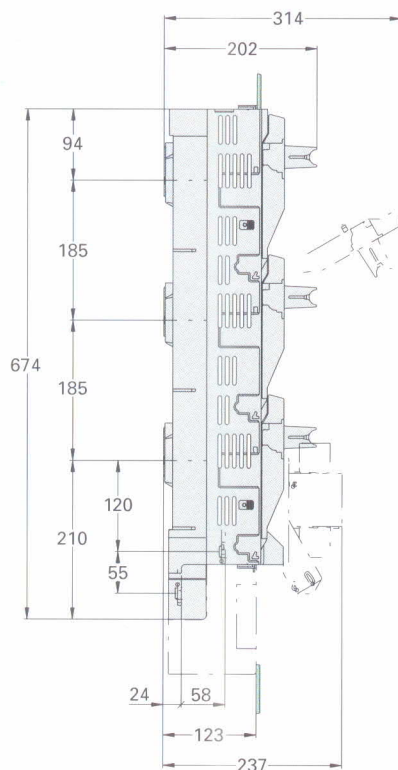
Type V00-POU adapter plates (top - bottom) compensate for the difference in length between ammeter holders or electric fuse monitors.

VERTIGROUP 250 – 630 A

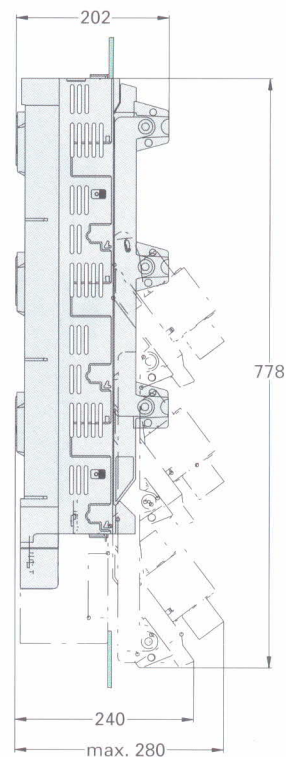
Single or 3-pole switching



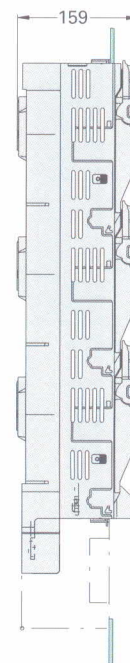
Single switching



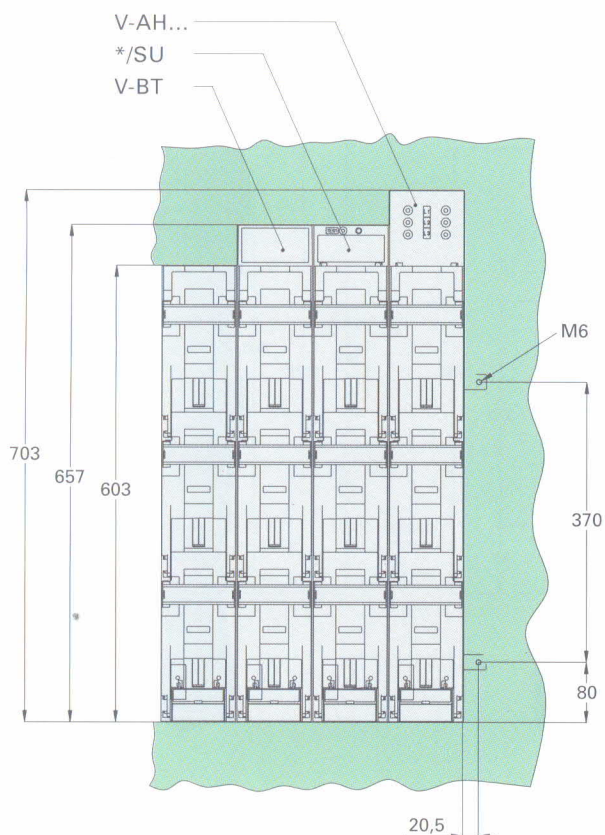
3-pole switching



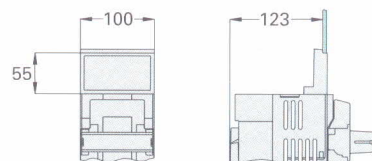
Folding handle



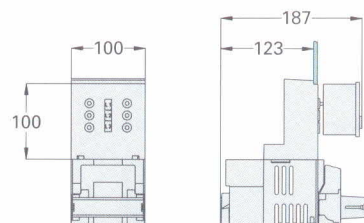
Cut-outs in cover plate



Label holder



Ammeter mountings



Fuse monitor

