
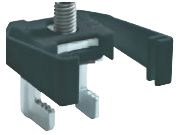








EH NH Fuse-Switches, vertical design





Technical data, size 00

Feed switch terminal	Item number	Terminal area busbar thickness	Bolt	Drive	Tightening torque
	36392-0010	Busbar thickness 5 – 10 mm	M8	INB4	6 Nm
	36367-0010	Busbar thickness 5 – 10 mm	M8	INB4	7 Nm
	36376-0010	Busbar thickness 5 – 10 mm	M8x20	SW13	14 Nm

 Power distribution
components


Output connection	Description	Terminal area busbar thickness	Bolt	Drive	Tightening torque
	36376-0010	Cable lug max. 95 mm ²	M8x14	SW13	14 Nm
	36377-0010	1.5 – 95 mm ² , re, rm, flat, 16 x 10 mm	M5	PZ2	4 Nm
	36378-0010	1.5 – 95 mm ² , re, rm, se, sm	M5	PZ2	4 Nm
	36366-0010	70 – 150 mm ² , re, rm, se, sm	M5	INB3	4 Nm
	36749-0010	70 – 150 mm ² , re, rm, se, sm	M5	INB3	4 Nm






Conductor types

-  rm = round, stranded
-  re = round and solid or round and stranded and condensed
-  sm = sector, stranded 60°, 90°, 100° or 120°
-  se = sector, solid 90° or 120°





EH NH Fuse-Switches, vertical design

Technical data for connecting hardware, size 1 – 3

Feed connection	Item number	Terminal area	Bolt	Drive	Tightening torque
	36354-0010	Busbar thickness 5 – 10 mm Busbar width max. 100 mm	M10	INB5	20 Nm

Output connection					
	36719-0010 36344-0010 36369-0010		M12 M12x30 M12x30	SW19 SW19 INB10	32 Nm 32 Nm 32 Nm
	36350-0010 Suitable for aluminum	35-240 rm 35-300 re 50-300 sm/se	M12	INB6	25 Nm
	36298-0010	25-240 rm/re 35-240 sm 35-300 se	M12	INB6	30 Nm
	36353-0010	35-240 rm 35-300 re 50-240 sm 50-300 se	M12	INB6	25 Nm
	36351-0010	35-240 rm 35-300 re 50-240 sm 50-300 se	M12	INB6	25 Nm

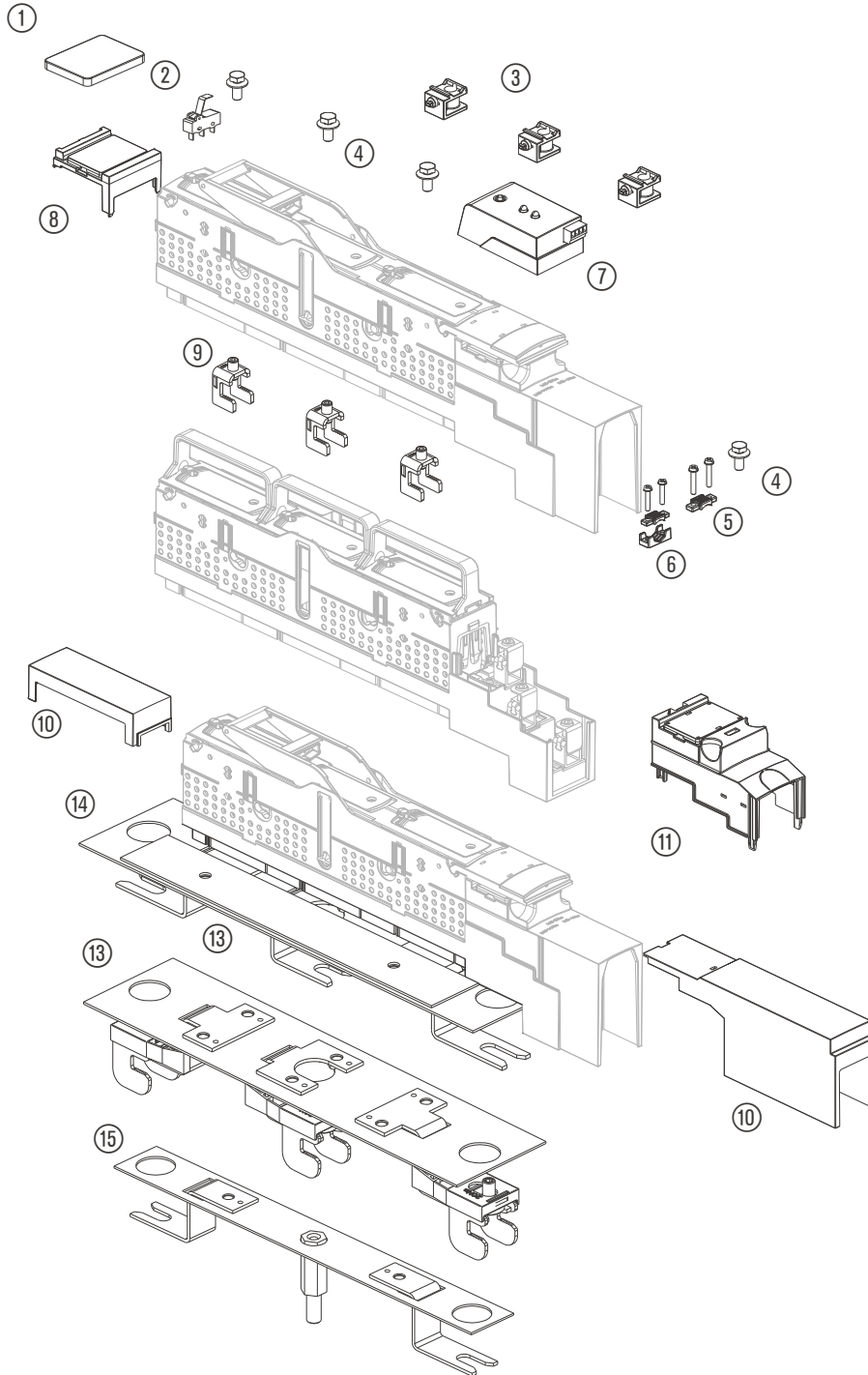
Conductor types

-  rm = round, stranded
-  re = round and solid or round and stranded and condensed
-  sm = sector, stranded 60°, 90°, 100° or 120°
-  se = sector, solid 90° or 120°

E³ NH Fuse-Switches, vertical design

E³ NH Fuse-Switches, horizontal design, 00/60 and 00/100 Accessories

Power distribution
components

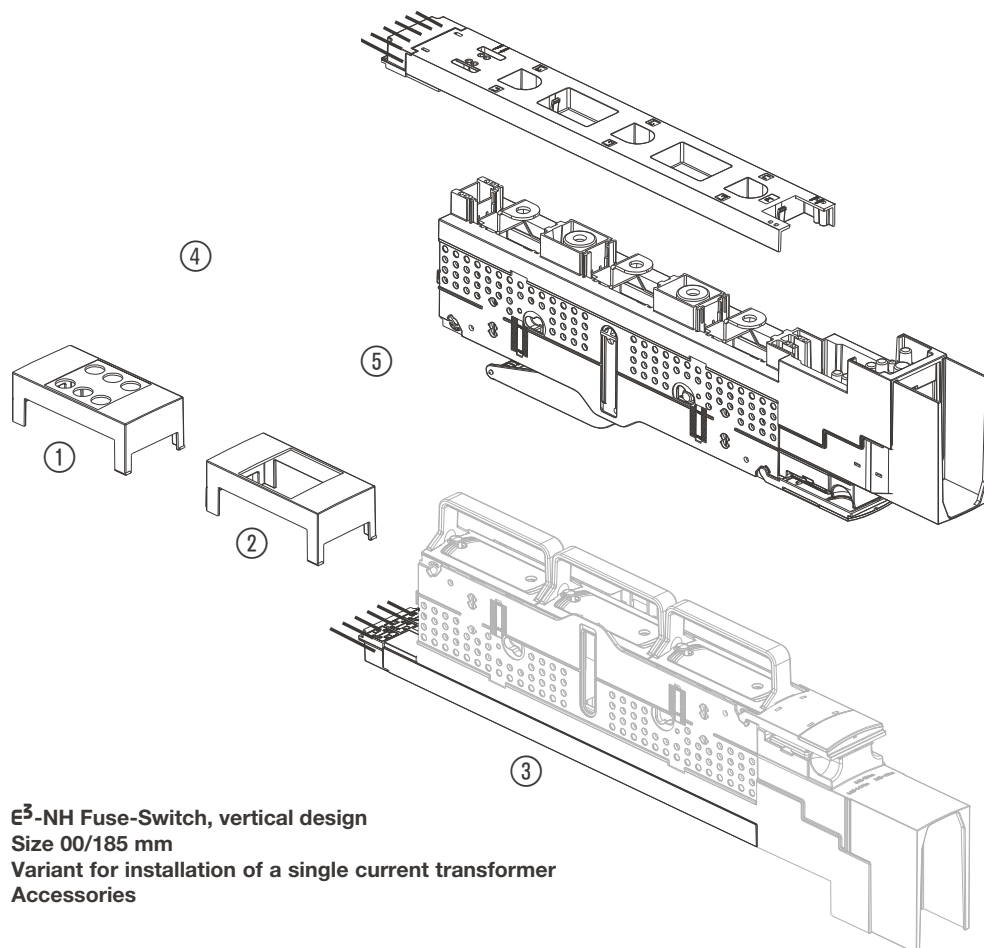


- ① 36380-0010 Identification label E³, size 00/60 to 00/185
- ② 36335-0010 6 microswitches for switch position indication E³, size 00/60 to 00/185
- ③ 36331-0010 Angle bracket Kit = 4 pieces E³, size 00 – 3
- ④ 36376-0010 3 bolts M8x25, hexagon socket
- ⑤ 36377-0010 3 pressure plates E³, size 00 (for direct cable-connection)
- ⑥ 36378-0010 3 pressure plates with contact prisms E³, size 00 (für direct connection)
- ⑦ Electronic fuse-monitoring

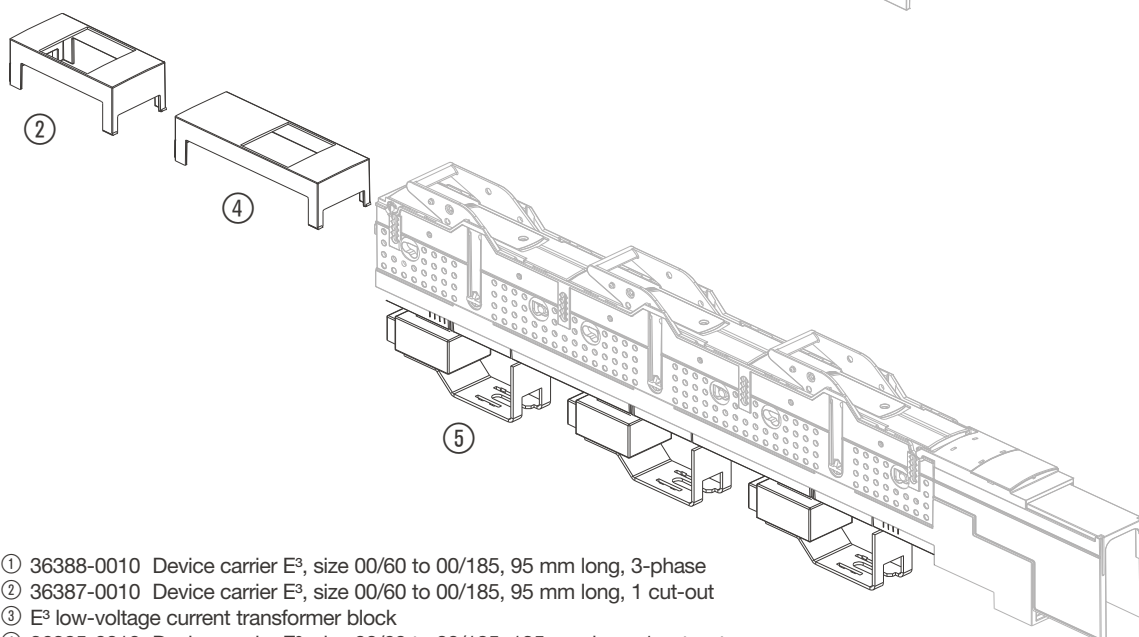
- ⑧ 36389-0010 Identification holder, size 00/60 to 00/185, top included in the device (contact hooks)
 - ⑨ included in the device (contact hooks)
 - ⑩ 36330-0010 Frame for length adjustment, kit, E³, size 00/60 to 00/185
 - ⑪ included in the device (contact hooks)
 - ⑫ 36445-0010 E³ blanking cover, size 00/100 to 00/185
 - ⑬ 36440-0010 Twin adapter E³, size 00/100 hook-mounting
 - ⑭ 36337-0010 Twin adapter E³, size 00/100
 - ⑮ 36339-0010 Single adapter E³, size 00/100
- Note: For fuse-monitoring, refer to section on metering and communicating.

E³ NH Fuse-Switches, vertical design

E³-NH Fuse-Switch, vertical design, size 00/100 mm
Variant for installation of current transformer block
Accessories



E³-NH Fuse-Switch, vertical design
Size 00/185 mm
Variant for installation of a single current transformer
Accessories



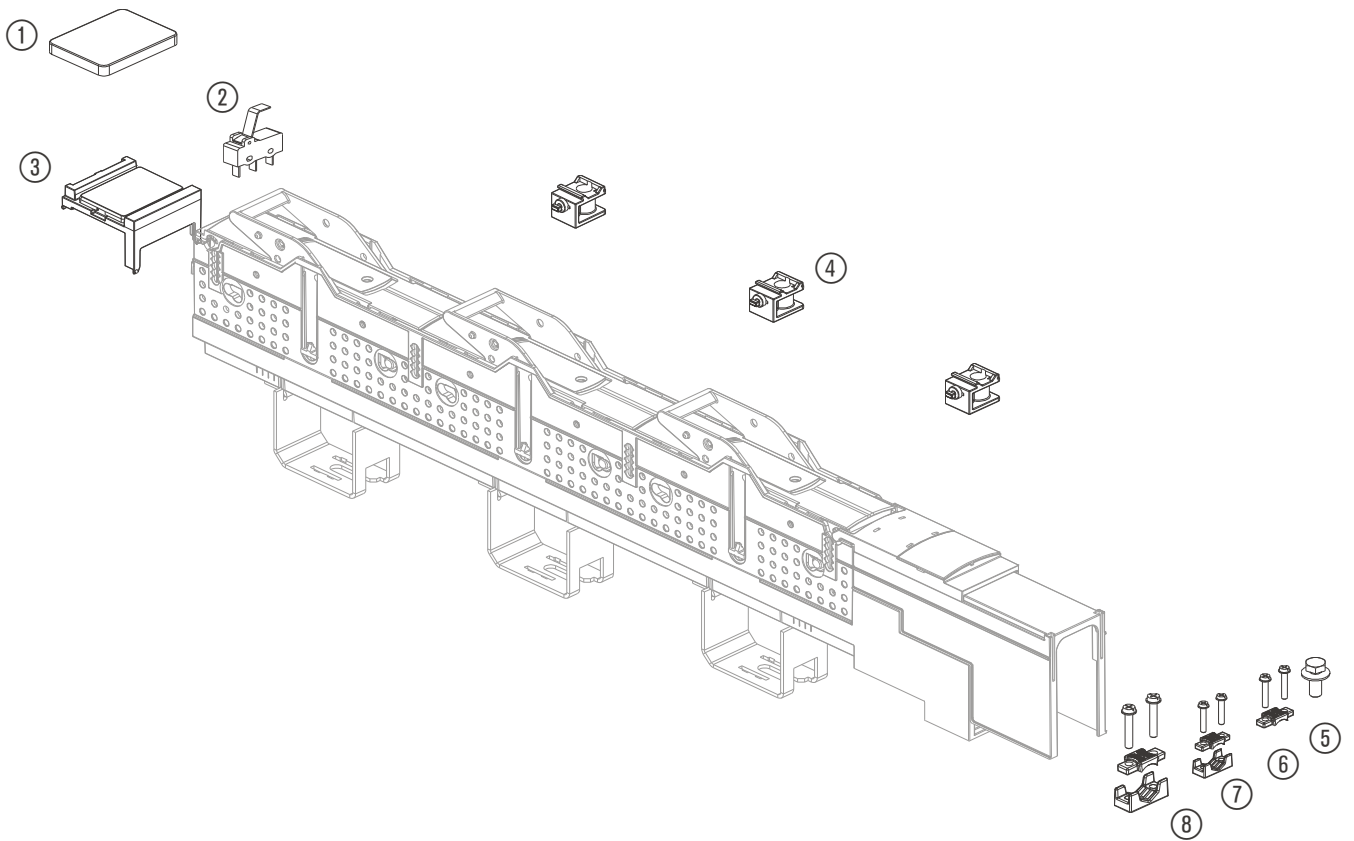
- ① 36388-0010 Device carrier E³, size 00/60 to 00/185, 95 mm long, 3-phase
- ② 36387-0010 Device carrier E³, size 00/60 to 00/185, 95 mm long, 1 cut-out
- ③ E³ low-voltage current transformer block
- ④ 36385-0010 Device carrier E³, size 00/60 to 00/185, 135 mm long, 1 cut-out
- ⑤ Variant for installation of PSR 203 current transformer

Note: For current transformers refer to section on metering and communicating

E³ NH Fuse-Switches, vertical design

E³-NH Fuse-Switch, vertical design,
size 00/185
Direct mounting for size 1 – 3
Accessories

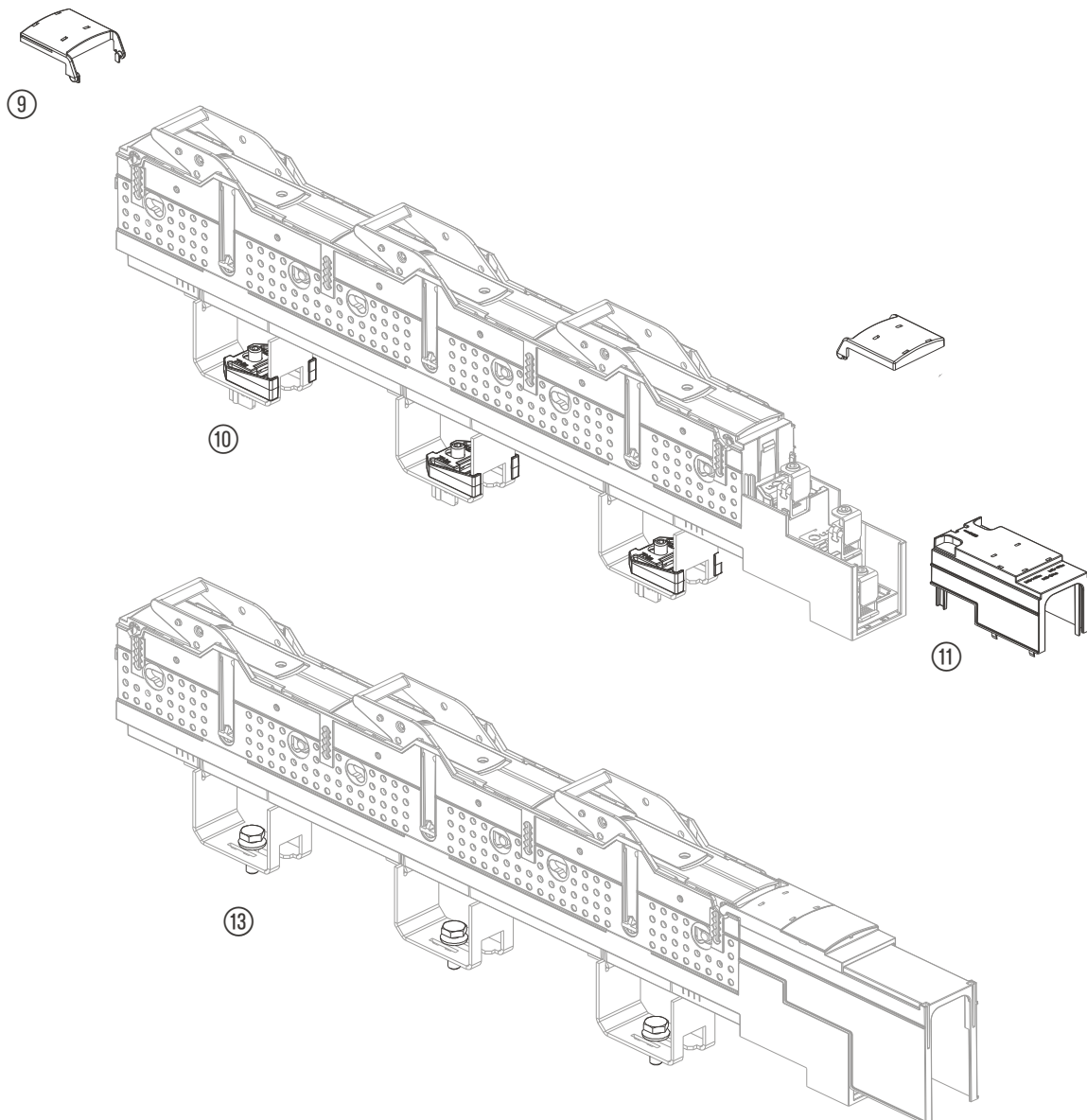
Power distribution
 components



- ① 36380-0010 Identification label E³, size 00/60 to 00/185
- ② 36335-0010 6 microswitches for switch position indication E³ size 00/60 to 00/185
- ③ 36389-0010 Identification holder, size 00/60 to 00/185, top
- ④ 36331-0010 Angle bracket (kit = 4 pieces) E³, size 00 – 3
- ⑤ 36376-0010 3 bolts M8x25, hexagon socket
- ⑥ 36377-0010 3 pressure plates E³, size 00
- ⑦ 36378-0010 3 pressure plates with contact prism E³, size 00
- ⑧ 36366-0010 3 pressure plates with contact prism E³, 00/185

E³ NH Fuse-Switches, vertical design

E³-NH Fuse-Switch, vertical design, size 00/185
Direct mounting for size 1 – 3
Accessories

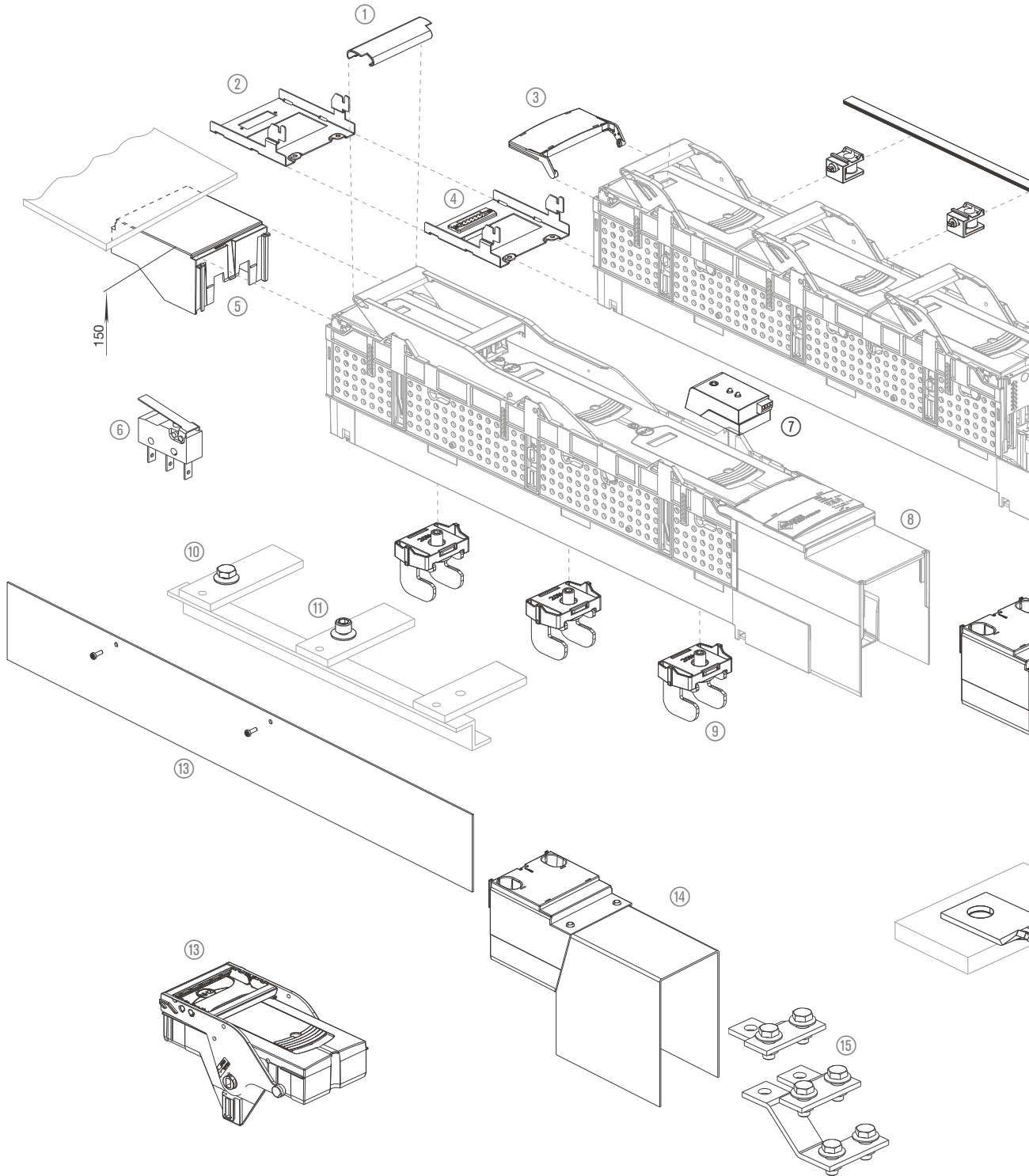


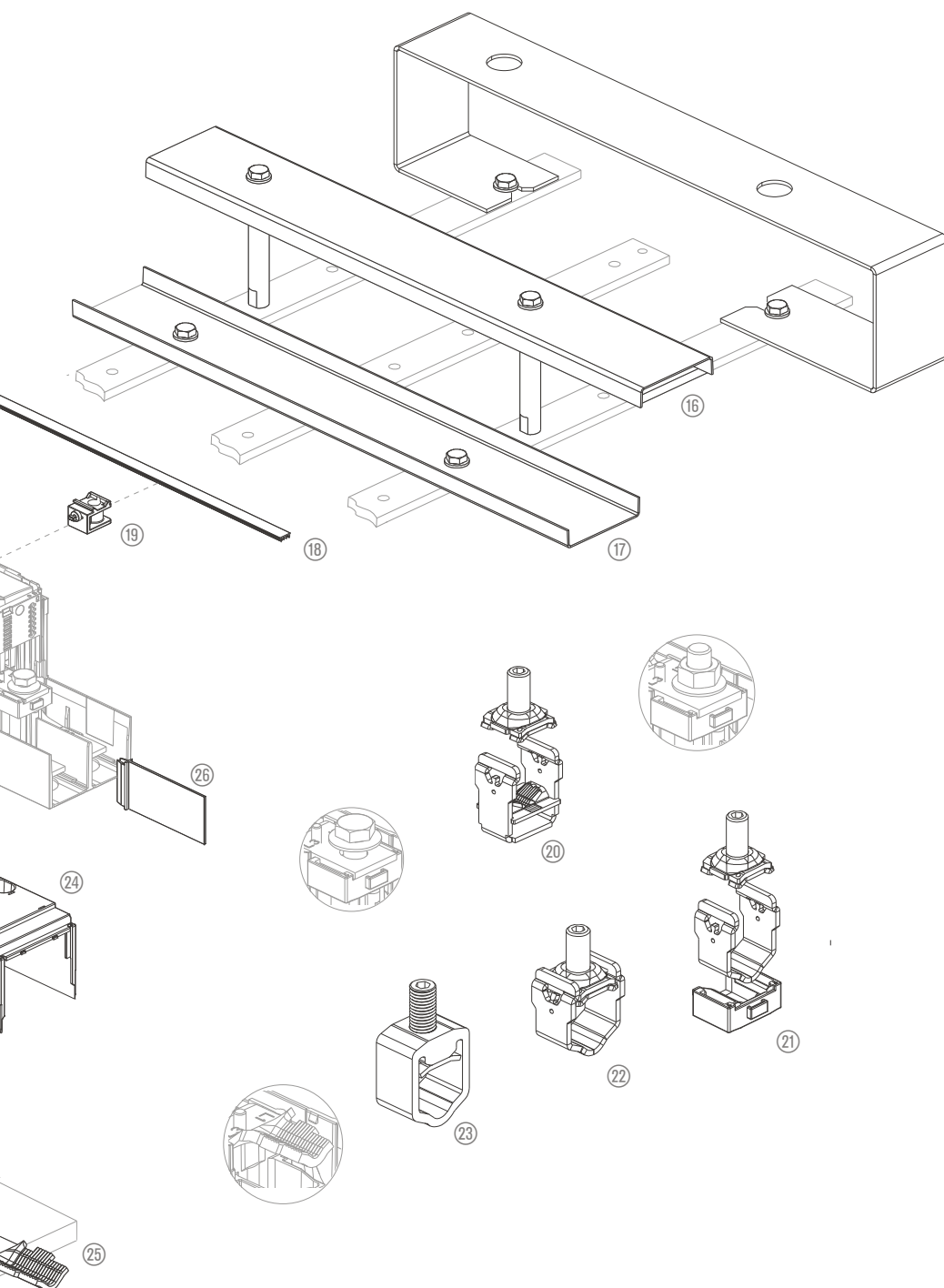
- ⑨ 36391-0010 Clip-on identification holder, short, E³, size 00/185
- ⑩ 36367-0010 3 contact hooks E³ 00/185 Eh 50 mm
- ⑪ included in the device (terminal cover)
- ⑬ 36376-0010 3 bolts M8x25, hexagon socket

E³ NH Fuse-Switches, vertical design

E³-NH Fuse-Switch, vertical design,
size 1 – 3
Accessories

Power distribution
components





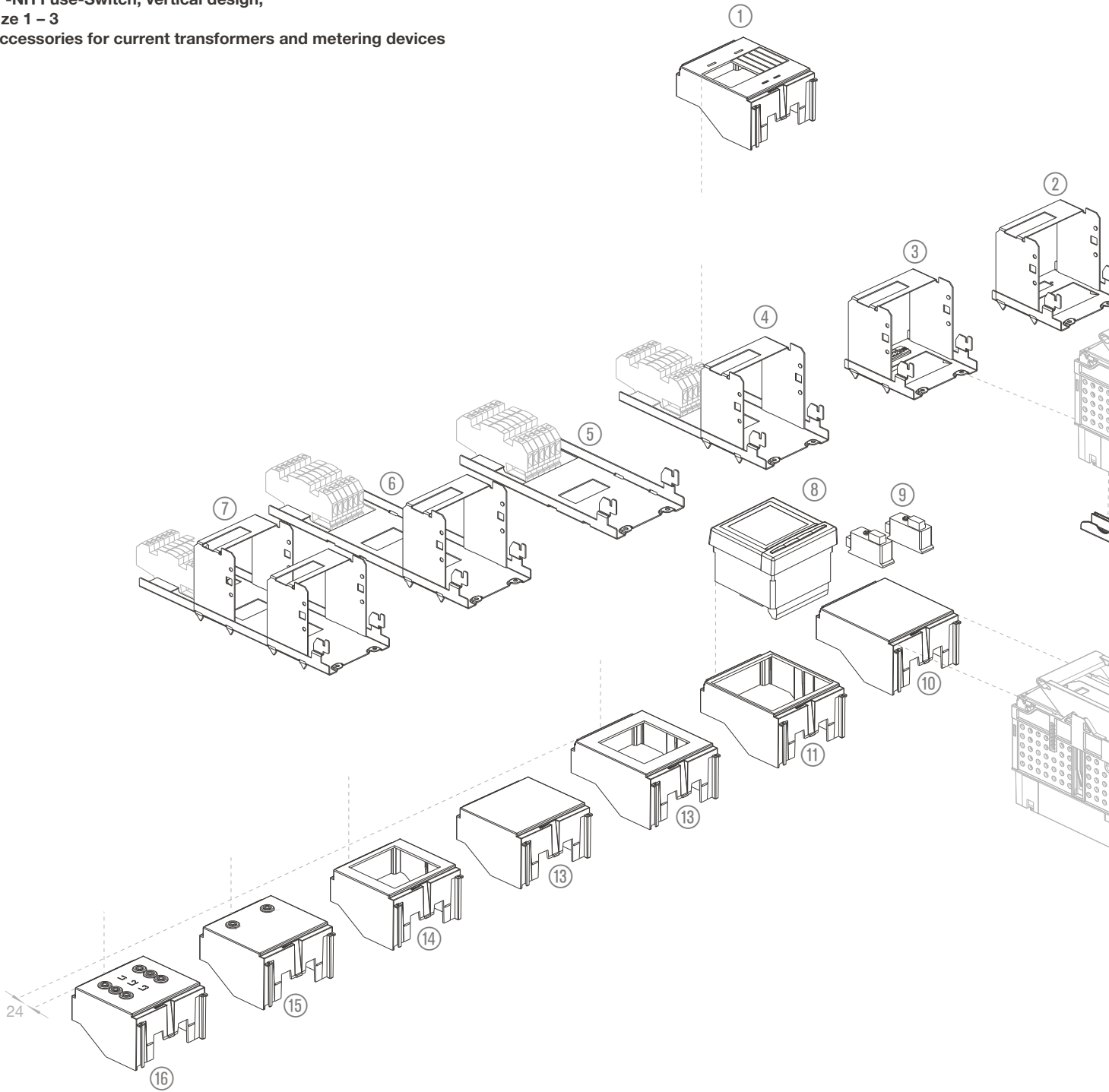
- ① 36407-0010 Handle cover E³, size 1-3, red, 3 pieces
- ② 36419-0010 Device carrier, low, with DIN adapter
- ③ 36356-0010 Designation Identification holder complete, short, size 1, EFEN
- ④ 36370-0010 Device carrier, low, with 6-pole plug-connection
- ⑤ 36437-0010 Device carrier E³, size 1 – 3, long, blanking element for adjustment
- ⑥ 36375-0010 6 microswitches for switch position indication E³, size, 1 – 3
- ⑦ Electronic fuse-monitoring
- ⑧ Included in the device (terminal cover)
- ⑨ 36354-0010 Contact hooks E³, size 1 – 3, 3 pieces
- ⑩ 36719-0010 Busbar terminal M12x30, 3 pieces
- ⑪ Upon request
- ⑫ 36727-0010 Lateral safety cover E³, size 00/185 – 3
- ⑬ Devices with flush handle
- ⑭ 36435-0010 E³ terminal cover, extra-long, size 1 – 3
- ⑮ 36444-0010 E³ connecting kit for 2 x 300 mm², size 1 – 3
- ⑯ 36410-0010 E³ blanking cover with stud size 1 – 3
- ⑰ 36409-0010 E³ blanking cover, size 1 – 3
- ⑱ 36390-0010 E³ universal sideframe 850 mm
- ⑲ 36331-0010 E³ angle bracket 4 pieces, size 00 – 3
- ⑳ 36350-0010 E³ clamp, fixed, 50 – 300 sm, 3 pieces, size 1-3
- ㉑ 36351-0010 E³ clamp, VEST, 35 – 240 rm, 3 pieces, size 1 – 3
- ㉒ 36353-0010 E³ clamp, complete, 35 – 240 rm, 3 pieces, size 1 – 3
- ㉓ 36298-0010 V2 MD clamp 240 sm / rm 3 pieces, size 1 – 3
- ㉔ 36438-0010 Terminal cover, short, E³, size 1 – 3
- ㉕ 36404-0010 PEN connection, size 1 – 3

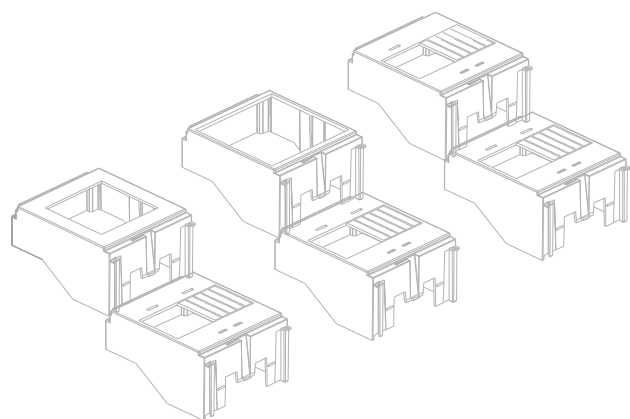
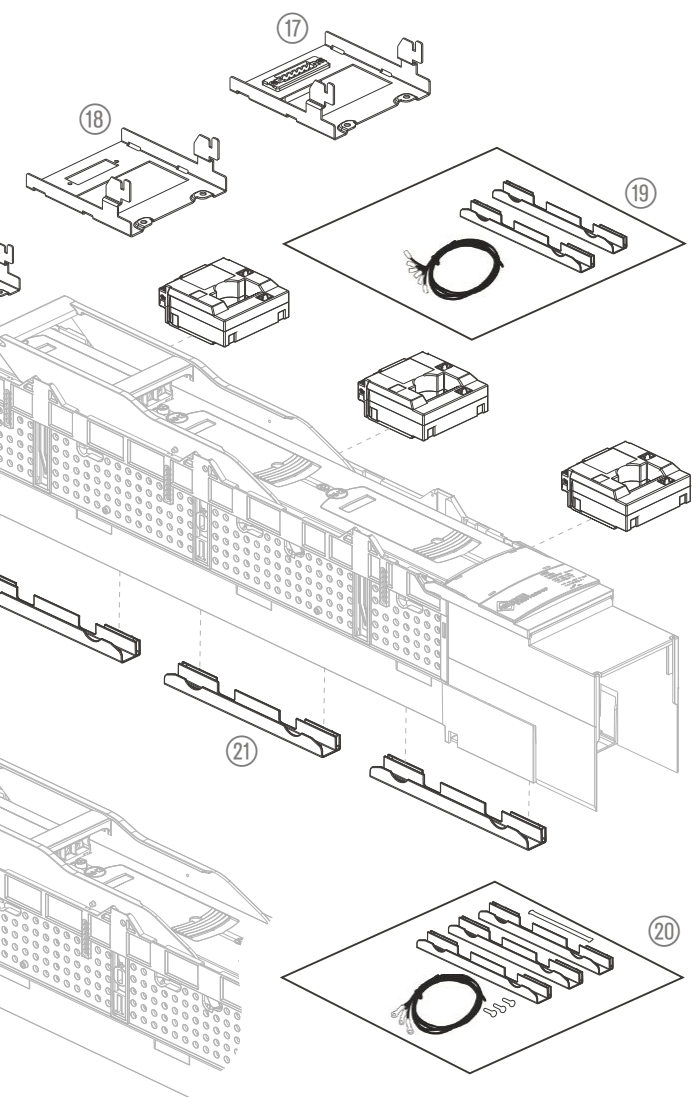
E³ NH Fuse-Switches, vertical design

E³-NH Fuse-Switch, vertical design,
size 1 – 3

Accessories for current transformers and metering devices

Power distribution
components





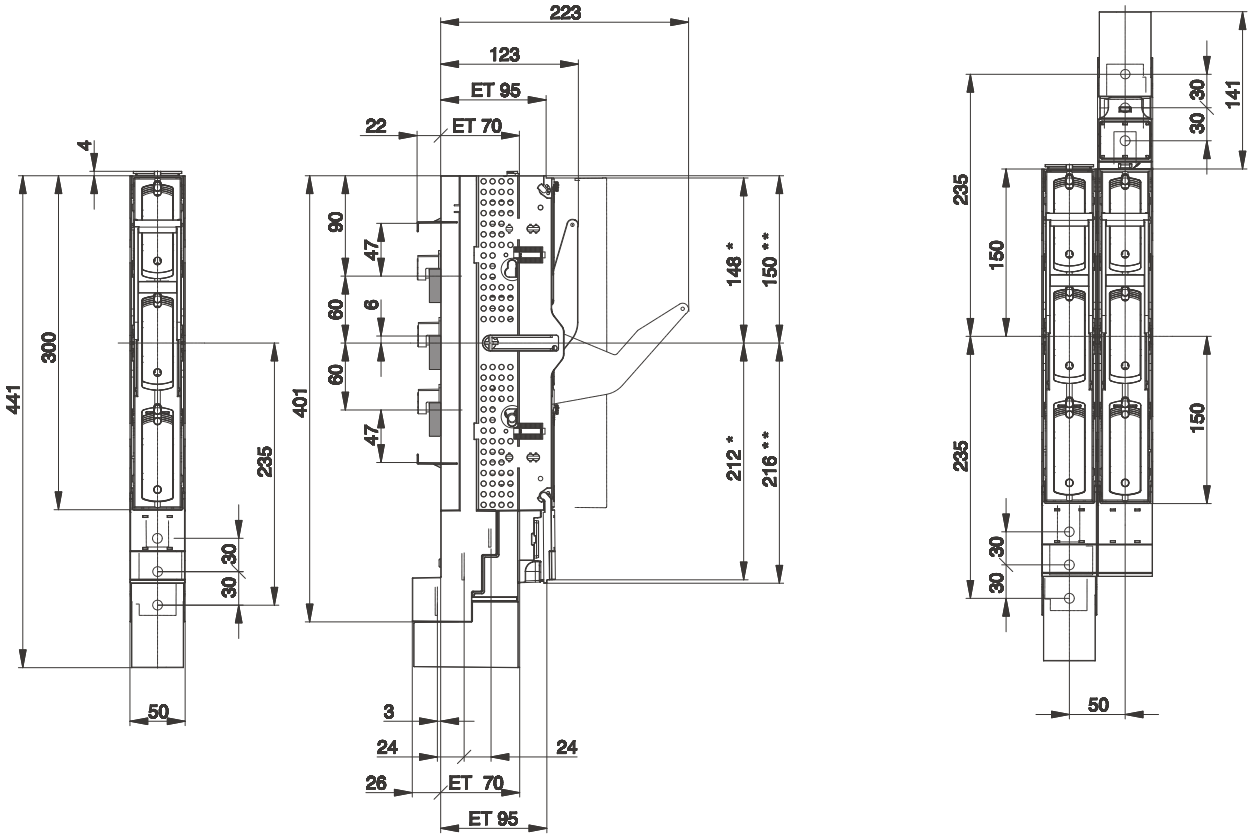
- ① 36428-0010 Device cover E³, size 1 – 3
- ② 36371-0010 Device carrier with DIN adapter
- ③ 36372-0010 Device carrier with DIN adapter, 6-pole plug-connection
- ④ 36373-0010 Device carrier with DIN adapter with isolation terminal holder
- ⑤ 36420-0010 Device carrier, low, with isolation terminal holder
- ⑥ 36421-0010 Device carrier, long, with DIN adapter
- ⑦ 36374-0010 Device carrier with 2 DIN adapters with isolation terminal holder
- ⑧ EM multifunctional metering devices
- ⑨ EM clip-on modules
- ⑩ 36437-0010 Device carrier E³, long, blanking element for adjustment, size 1 – 3
- ⑪ 36422-0010 Device carrier E³, long, 96 x 96 mm, size 1 – 3
- ⑫ 36383-0010 Device carrier E³, long, 72 x 72 mm, size 1 – 3
- ⑬ 36425-0010 Device carrier E³, short, blanking element, size 1 – 3
- ⑭ 36424-0010 Device carrier E³, short, 72 x 96 mm, size 1 – 3
- ⑮ 36426-0010 Device carrier E³, short, 1-phase, size 1 – 3
- ⑯ 36427-0010 Device carrier E³, short, 3-phase, size 1 – 3
- ⑰ 36370-0010 Device carrier E³, low, with 6-pole plug
- ⑱ 36419-0010 Device carrier E³, low, with DIN adapter
- ⑲ 36429-0010 Wiring kit, 1-phase, for current transformers
- ⑳ 36431-0010 Wiring kit for voltage metering
- ㉑ 36382-0010 E³ clip-on cable holders, size 1 – 3

EH³ NH Fuse-Switches, vertical design

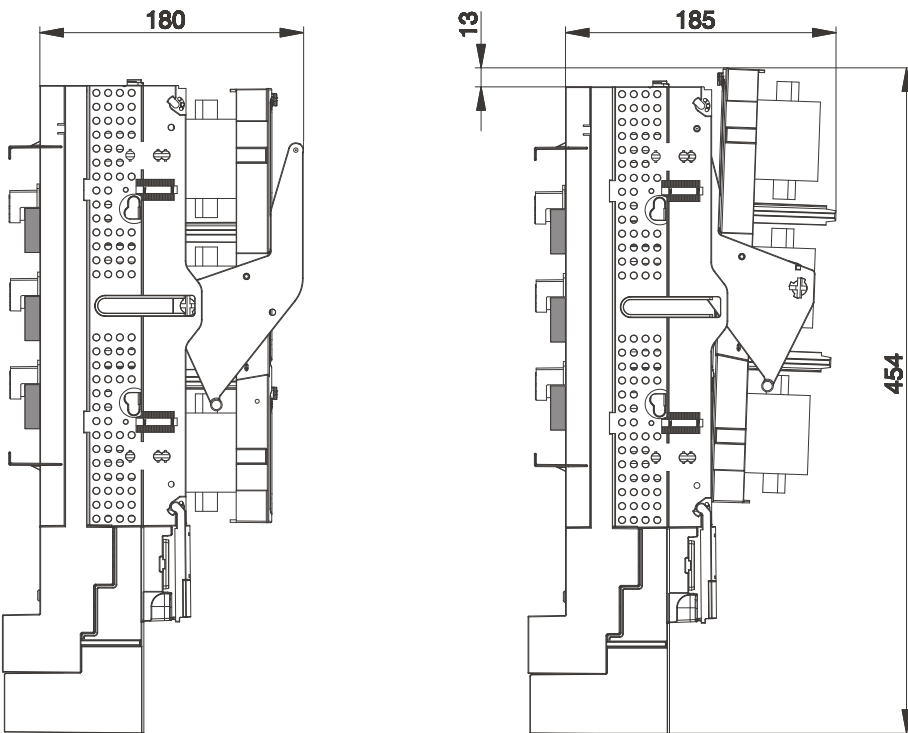
Size 00/60

3-pole switching with long terminal cover (ARA)

Power distribution components



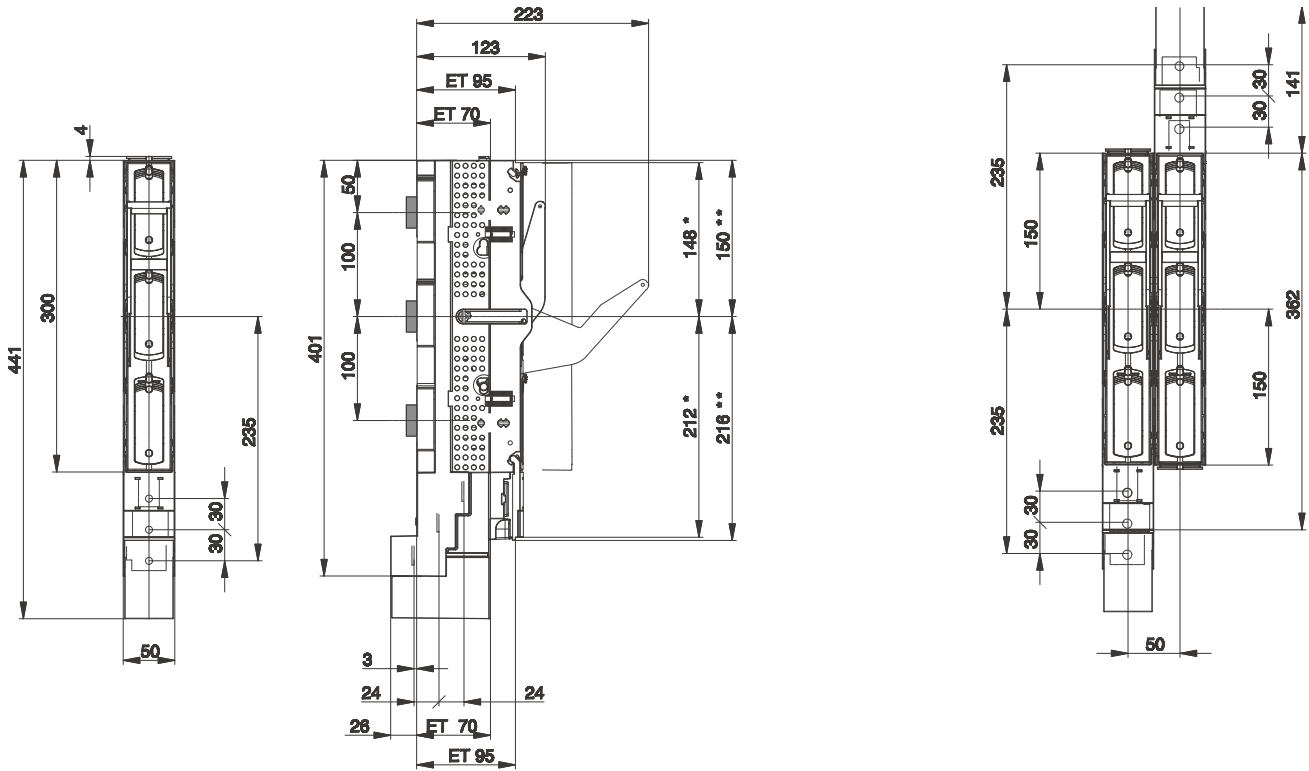
Park position



Cut-out dimensions ET 95 = * dimensions + 1 mm
 Cut-out dimensions ET 70 = ** dimensions + 1 mm
 ET = installation depth of the cover

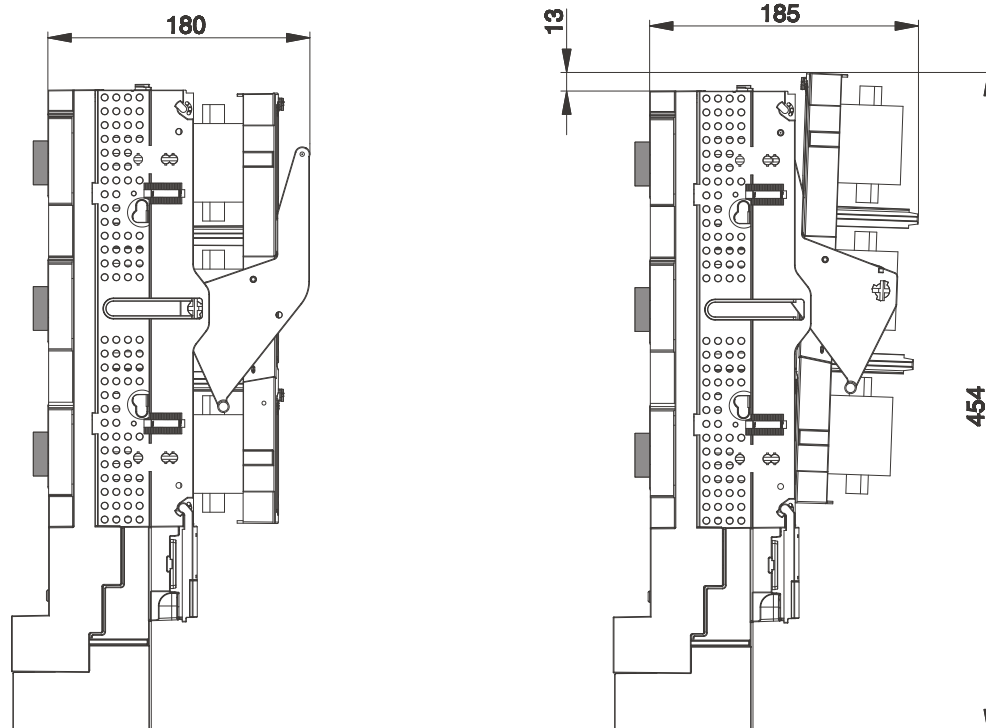
Ε³ NH Fuse-Switches, vertical design Size 00/100

3-pole switching with long terminal cover (ARA)



Power distribution components

Park position

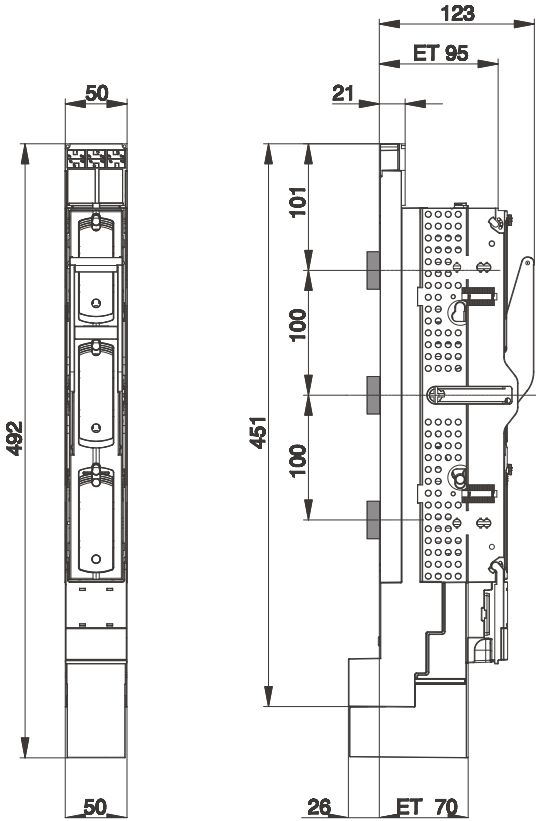


EFEN³ NH Fuse-Switches, vertical design Size 00/100

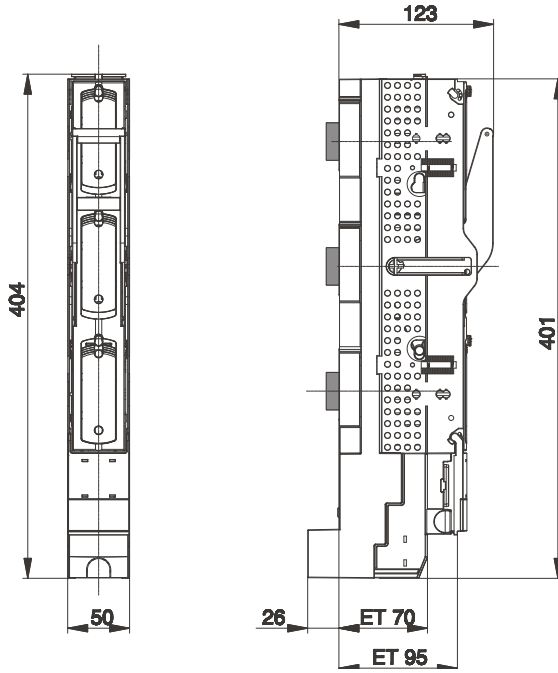
3-pole switching with current transformer

3-pole switching with standard terminal cover (ARA)

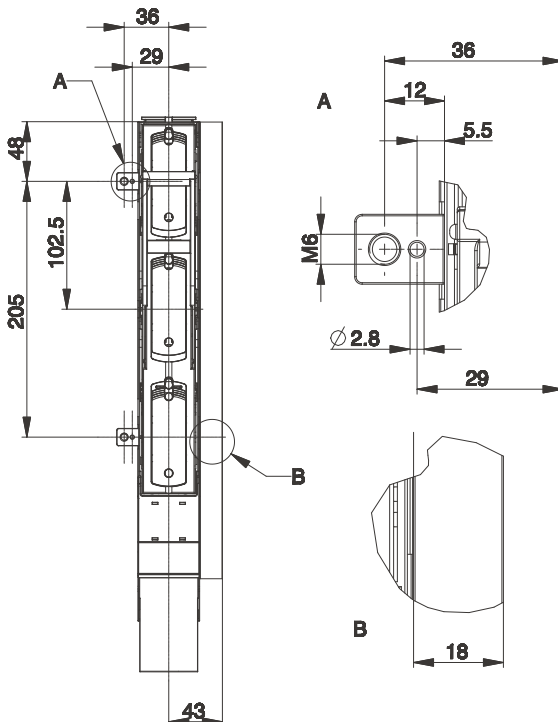
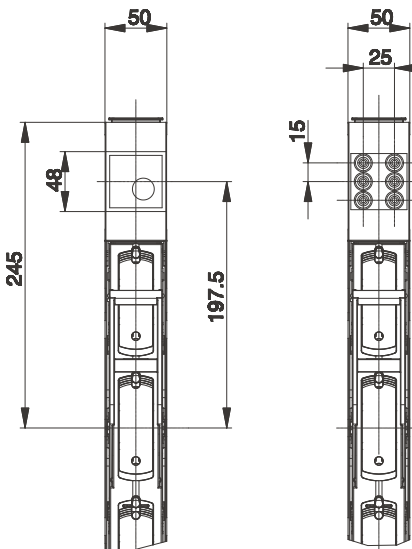
Power distribution components



Device carrier, short



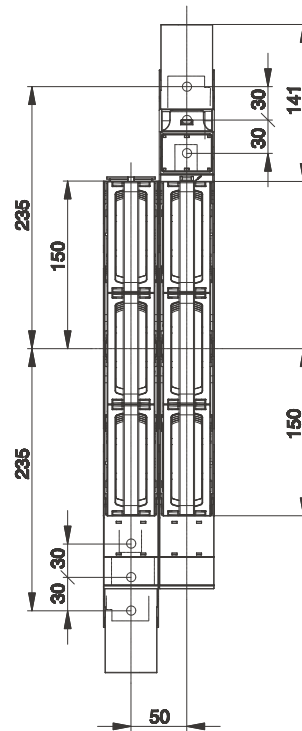
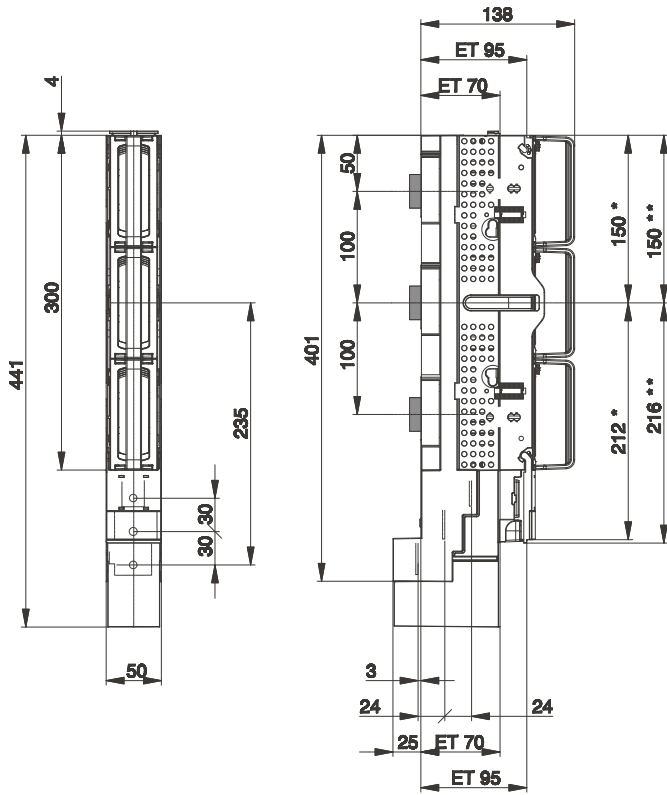
Angle bracket and sideframe



Cut-out dimensions ET 95 = ** dimensions + 1 mm
Cut-out dimensions ET 70 = ** dimensions + 1 mm
ET = installation depth of the cover

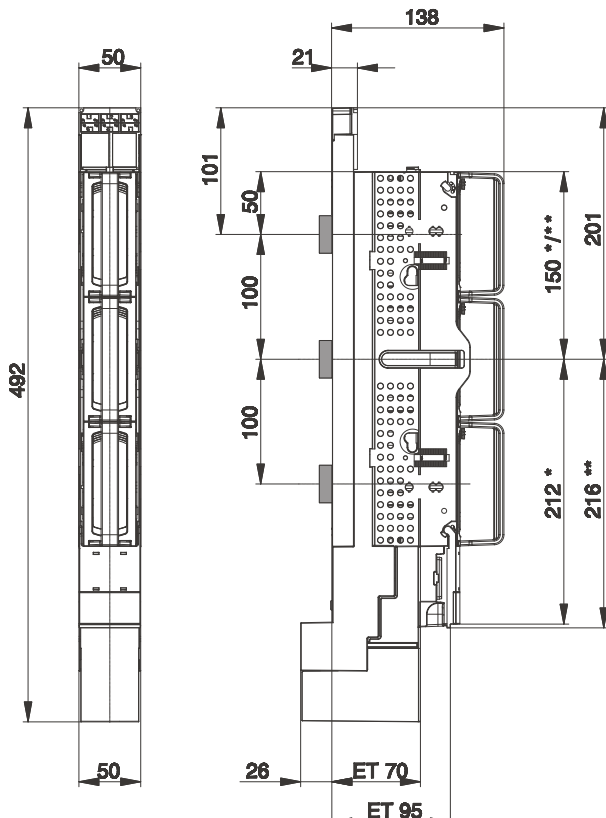
E³ NH Fuse-Switches, vertical design Size 00/100

1-pole switching with long terminal cover

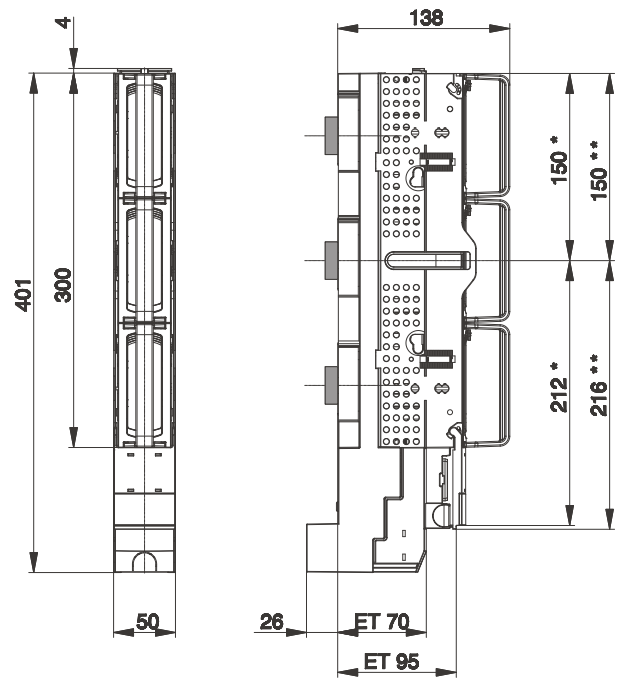


Power distribution
components

1-pole switching with current transformer



1-pole switching with standard terminal cover



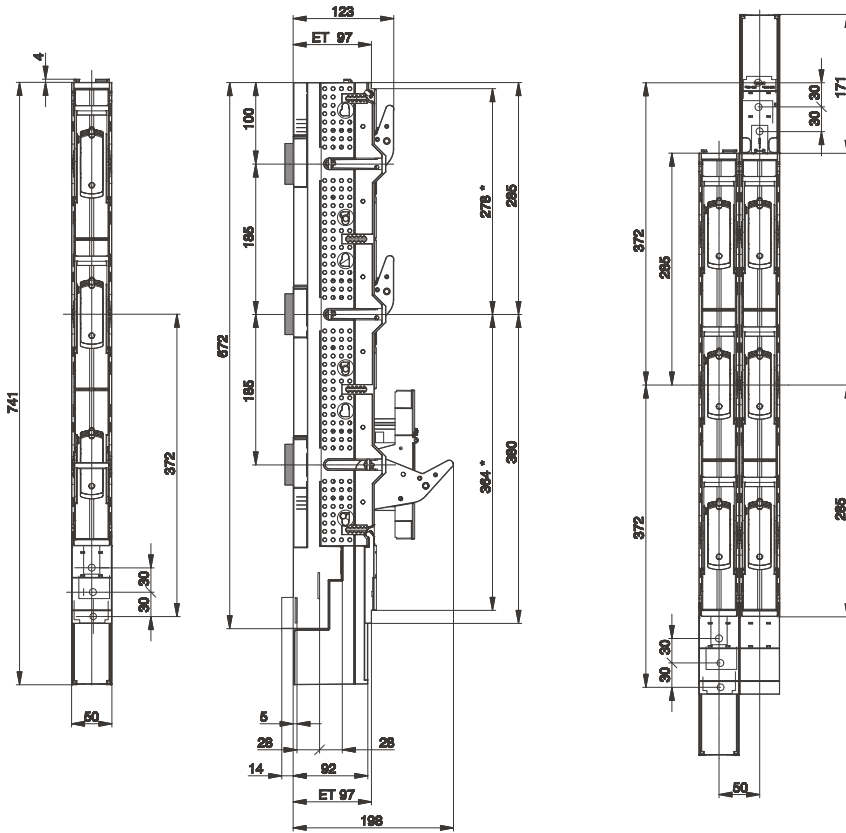
Cut-out dimensions ET 95 = ** dimensions + 1 mm
Cut-out dimensions ET 70 = ** dimensions + 1 mm
ET = installation depth of the cover

EFEN NH Fuse-Switches, vertical design

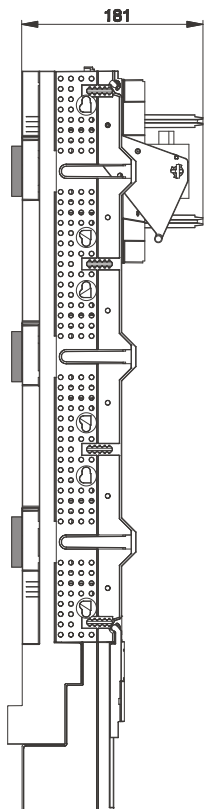
Size 00/185

1-pole switching with standard terminal cover

Power distribution components



Park position

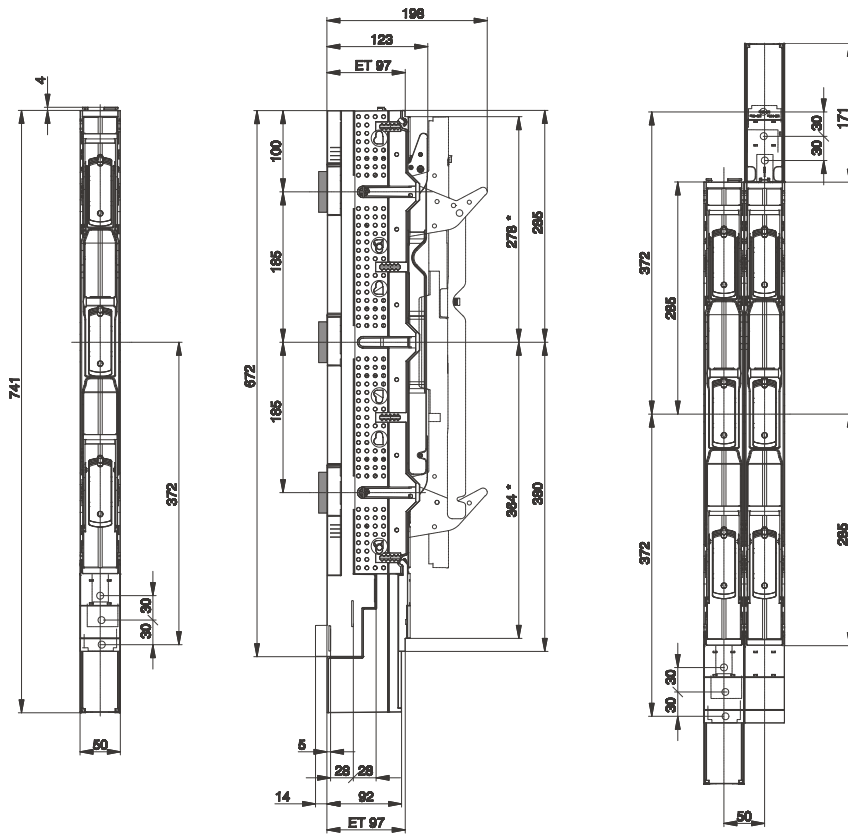


Cut-out dimensions ET 97 = * dimensions + 1 mm
 ET = installation depth of the cover

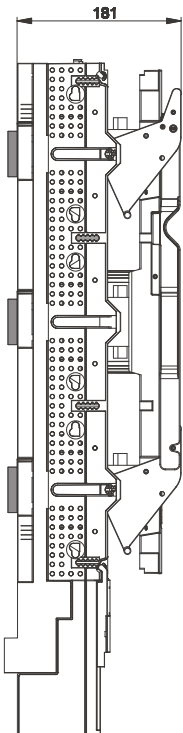
EH NH Fuse-Switches, vertical design

Size 00/185

3-pole switching with standard terminal cover



Park position



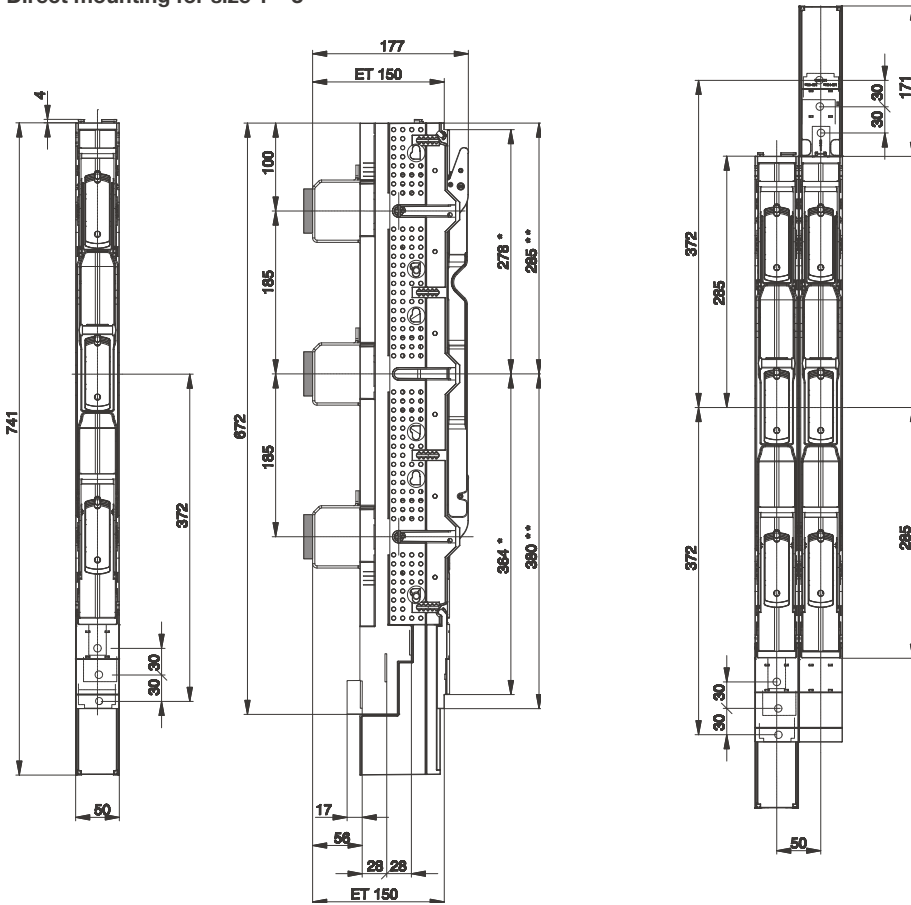
Cut-out dimensions ET 97 = * dimensions + 1 mm
ET = installation depth of the cover

Power distribution
components

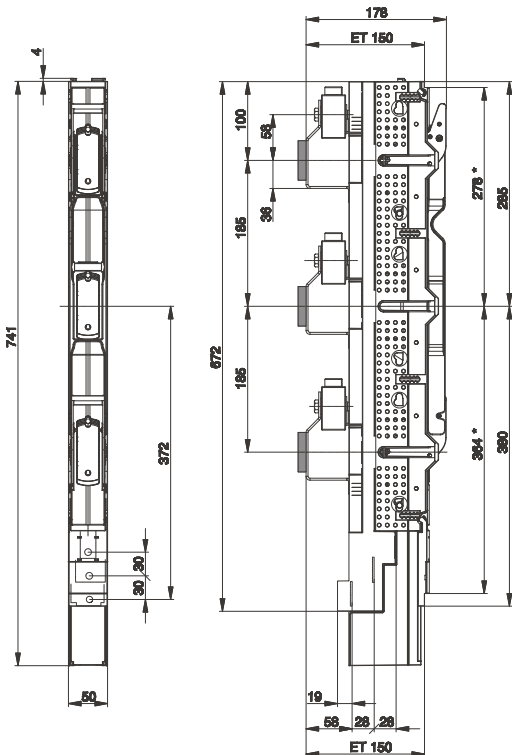
EFEN NH Fuse-Switches, vertical design Size 00/185

Direct mounting for size 1 – 3

Power distribution components



Direct mounting for size 1 – 3 with current transformer

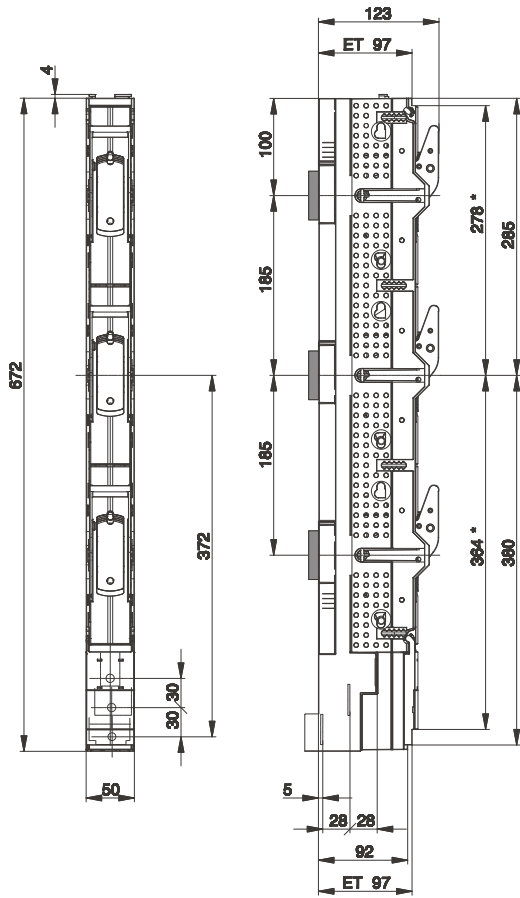


Cut-out dimensions ET 150 = * dimensions + 1 mm
ET = installation depth of the cover

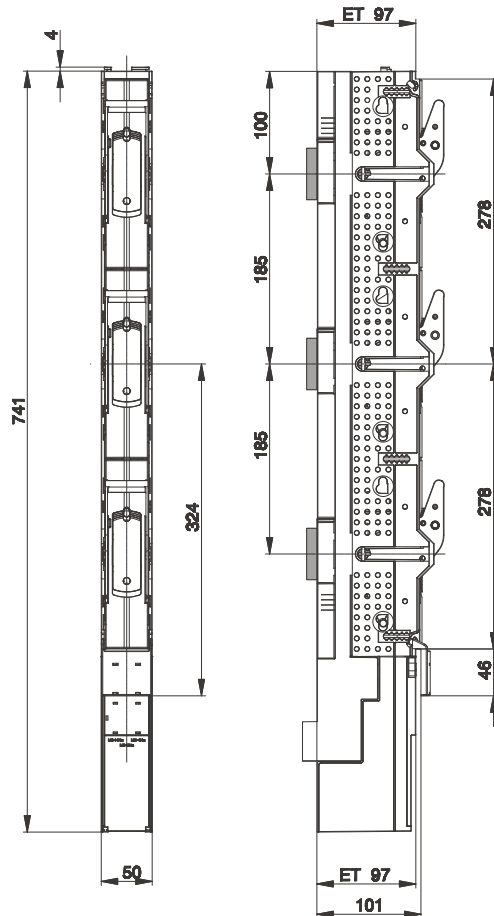
EH NH Fuse-Switches, vertical design

Size 00/185

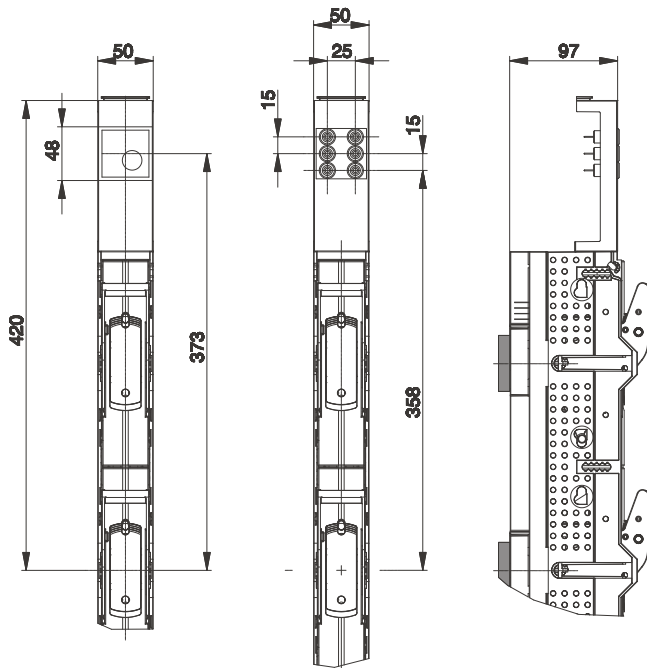
Terminal cover, short



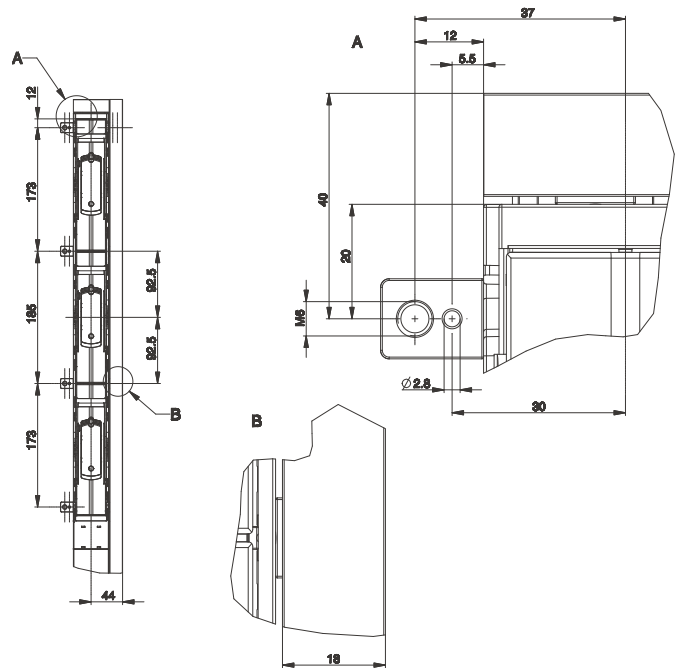
Carrier for identification label, short



Device carrier, long



Angle bracket and sideframe



Power distribution components

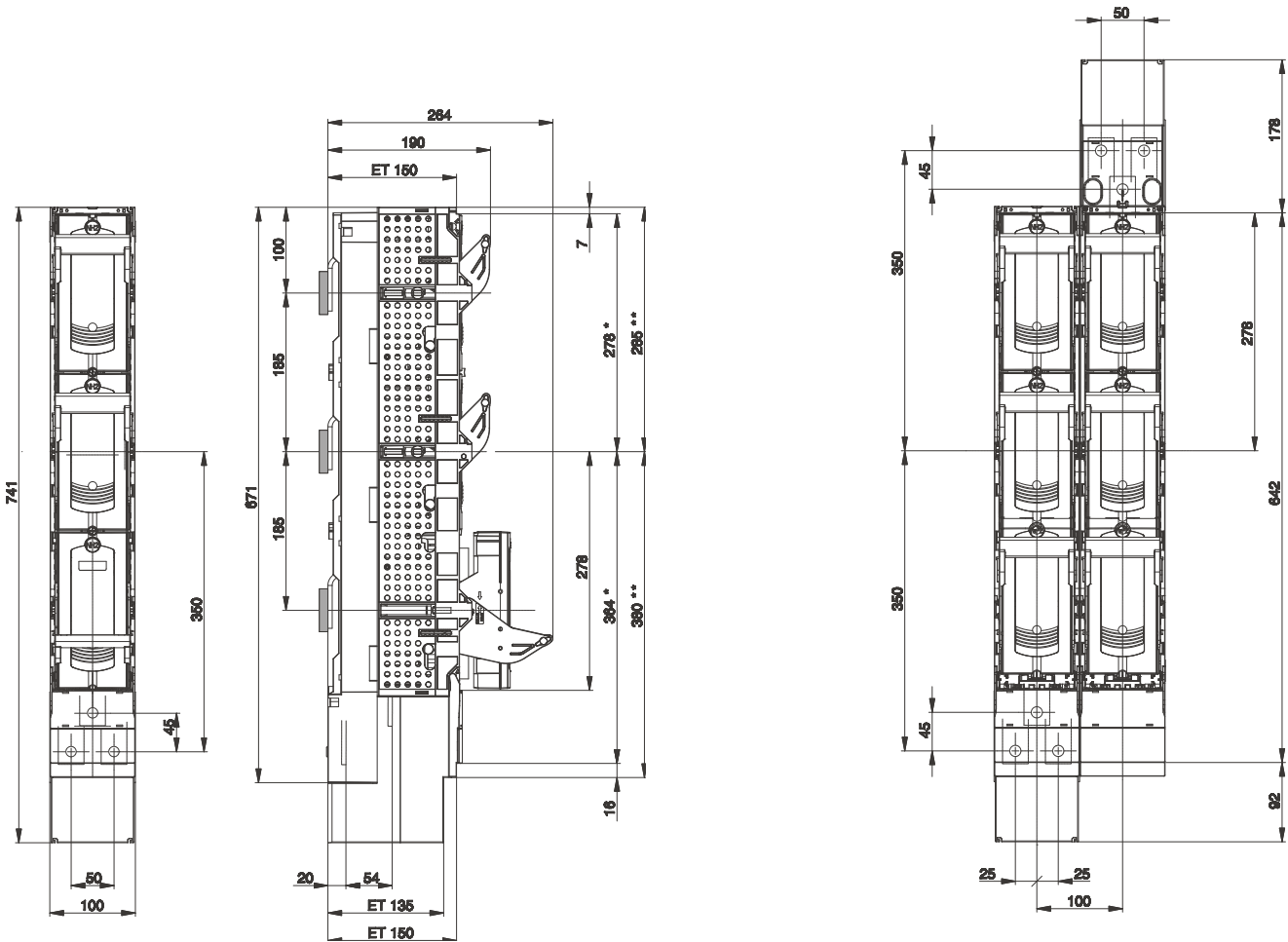
Cut-out dimensions ET 97 = * dimensions + 1 mm
ET = installation depth of the cover

EFEN NH Fuse-Switches, vertical design

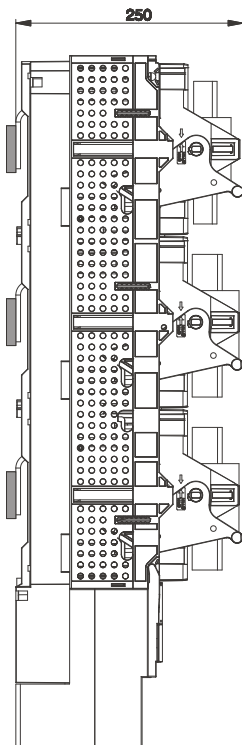
Size 1 – 3

1-pole switching with standard terminal cover

Power distribution components



Park position

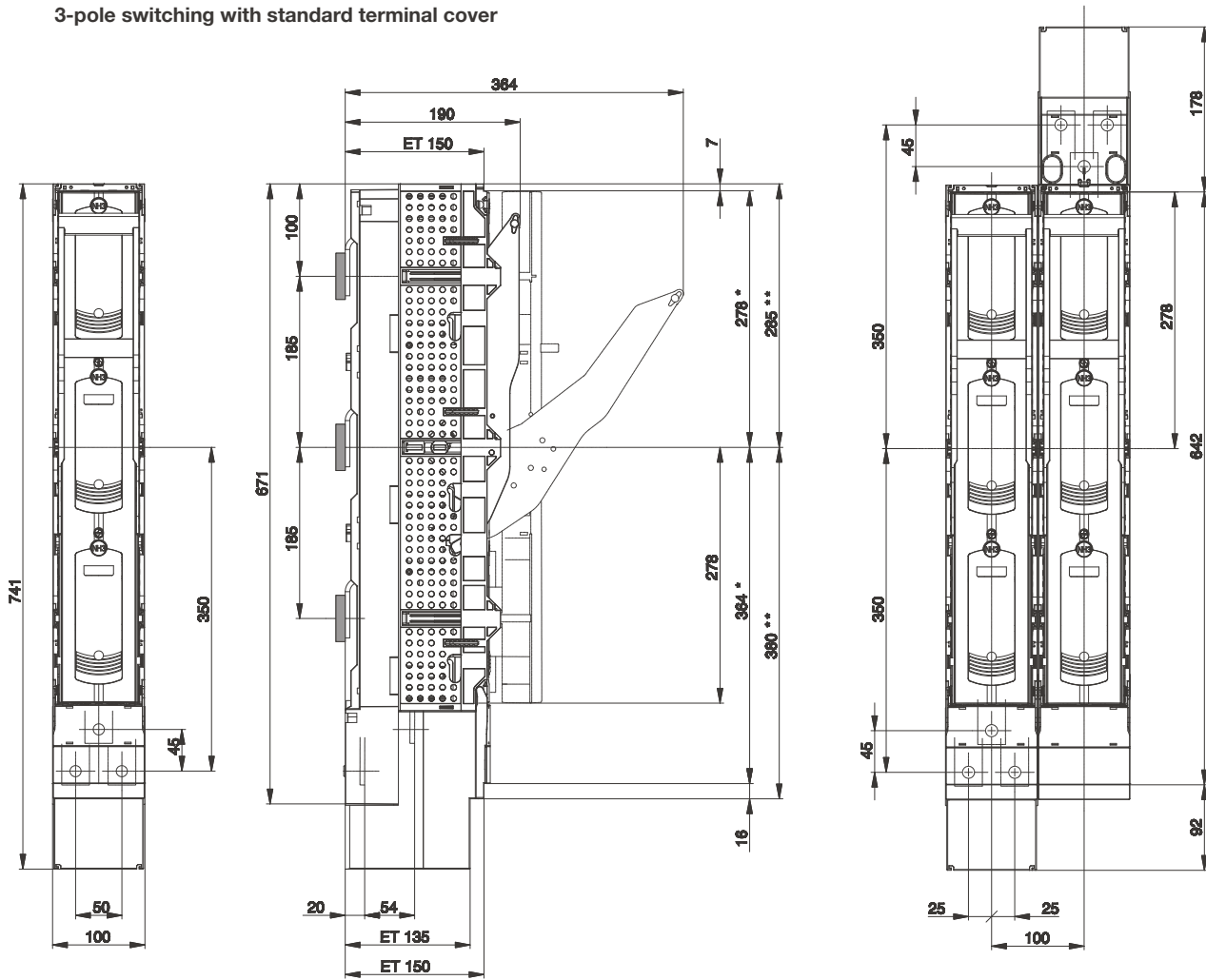


Cut-out dimensions ET 150 = * dimensions + 1 mm
 Cut-out dimensions ET 120 - 145 = ** dimensions + 1 mm
 ET = installation depth of the cover

E³ NH Fuse-Switches, vertical design

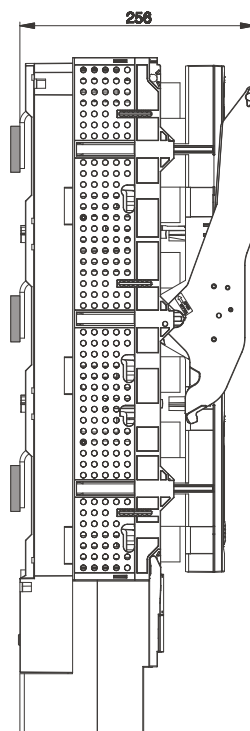
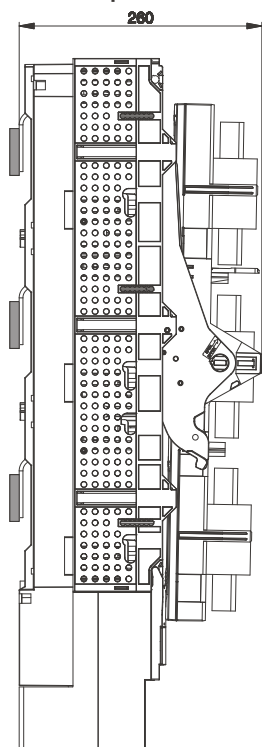
Size 1 – 3

3-pole switching with standard terminal cover



Power distribution components

Park position



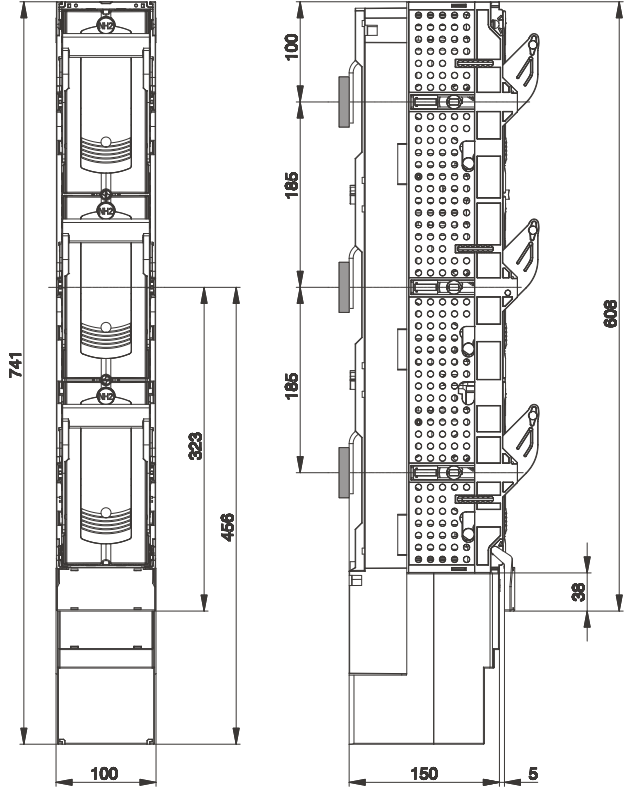
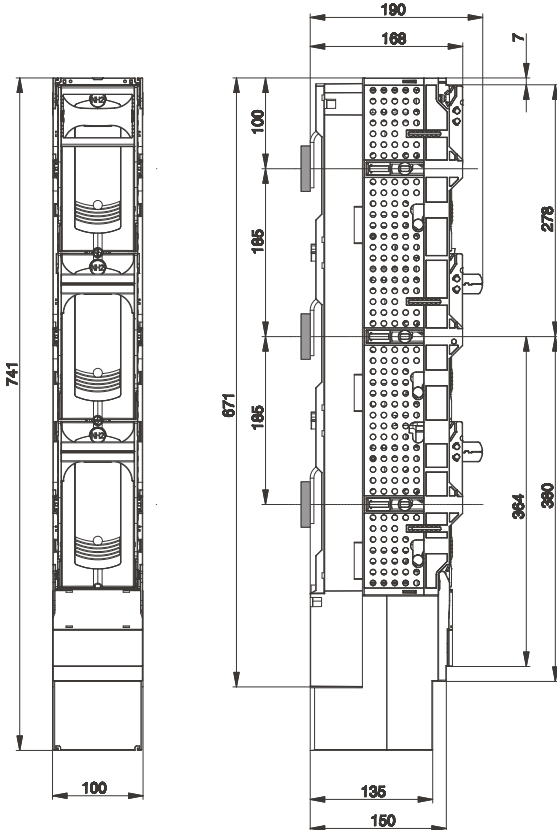
Cut-out dimensions ET 150 = * dimensions + 1 mm
 Cut-out dimensions ET 120 - 145 = ** dimensions + 1 mm
 ET = installation depth of the cover

EFEN NH Fuse-Switches, vertical design Special versions

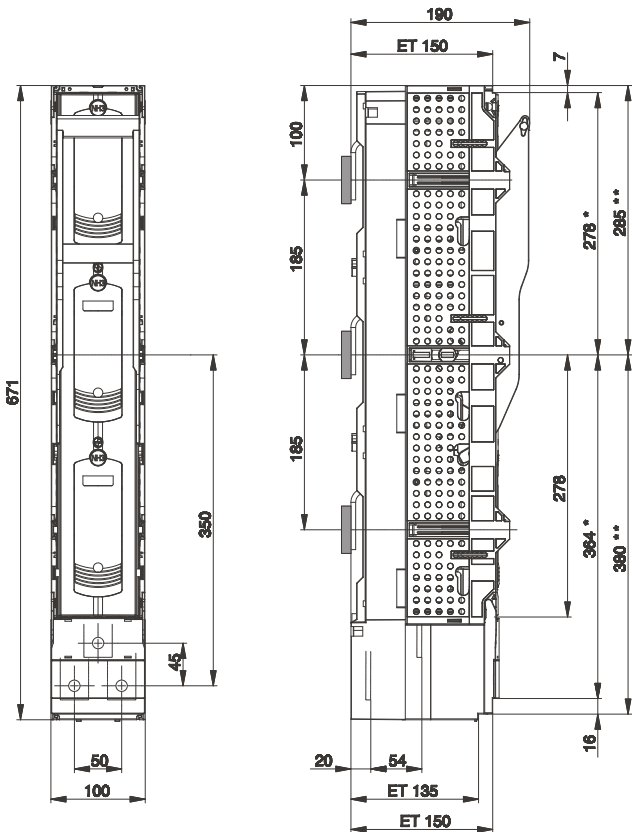
Low installation depth

Carrier for identification label, short

Power distribution components



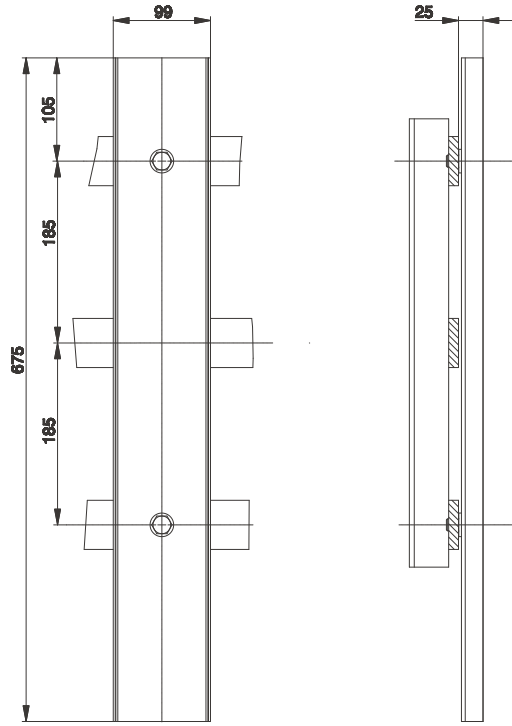
Terminal cover, short



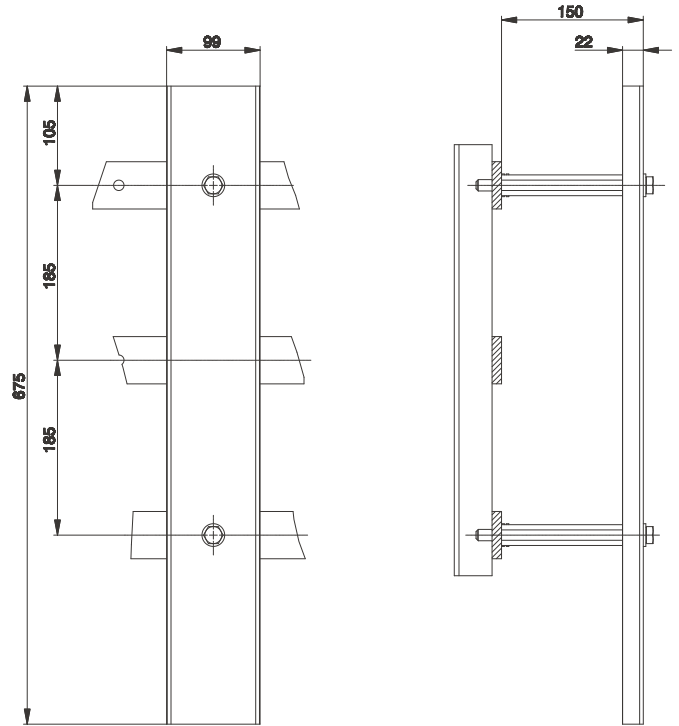
Cut-out dimensions ET 150 = * dimensions + 1 mm
Cut-out dimensions ET 120 - 145 = ** dimensions + 1 mm
ET = installation depth of the cover

Ε³ NH Fuse-Switches, vertical design Blanking covers, size 1 – 3

Cover mounted directly onto the busbar
36409-0010



Cover with spacer stud for elevated mounting
36410-0010

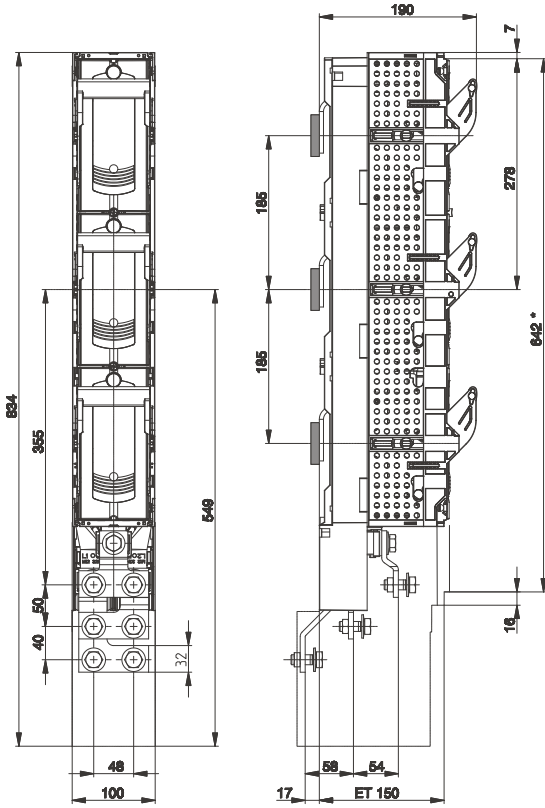


Power distribution
components

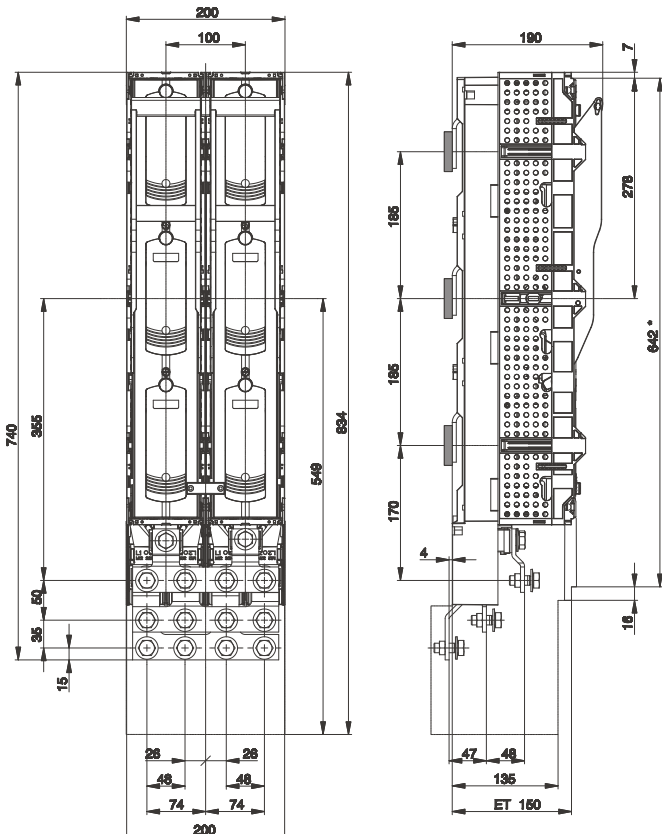
Ε³ NH Fuse-Switches, vertical design 1000 and 2000 A

Feed switch 1000 A with fixed solid-link

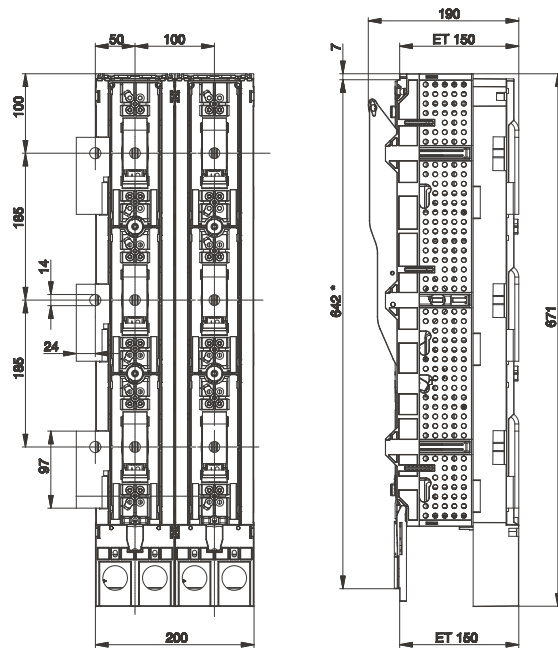
Power distribution
components



Feed switch 1000 A with fixed solid-link, parallel switching



Feed switch 1000 A with fixed solid-link,
parallel switching, terminal on the left-hand side

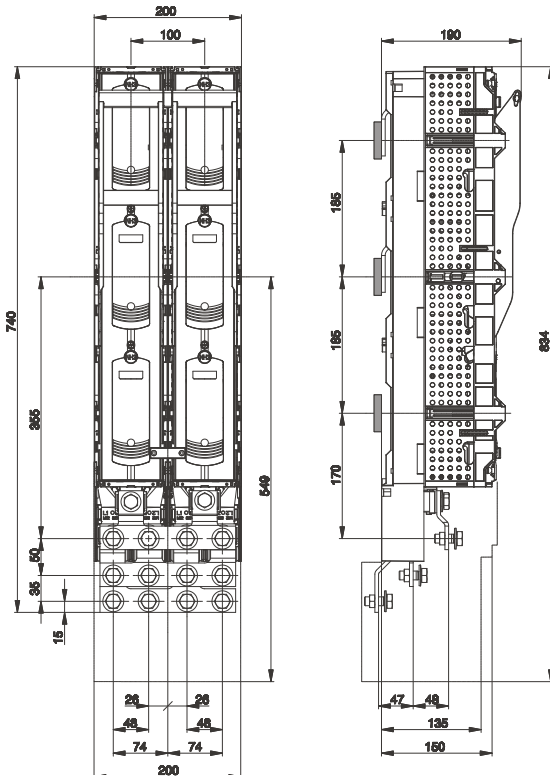


Cut-out dimensions ET 150 = * dimensions + 1 mm
Cut-out dimensions ET 120 - 145 = ** dimensions + 1 mm
ET = installation depth of the cover

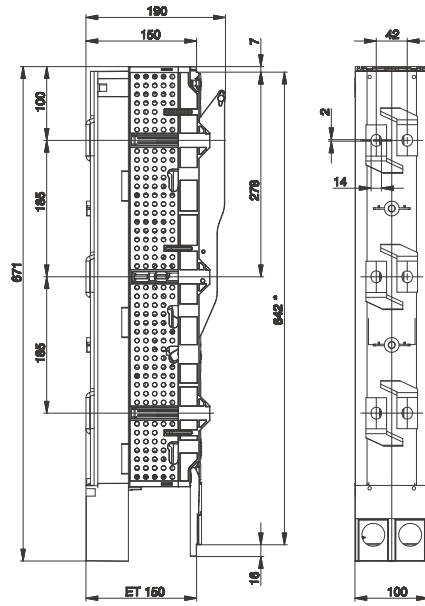
EH NH Fuse-Switches, vertical design

Various designs

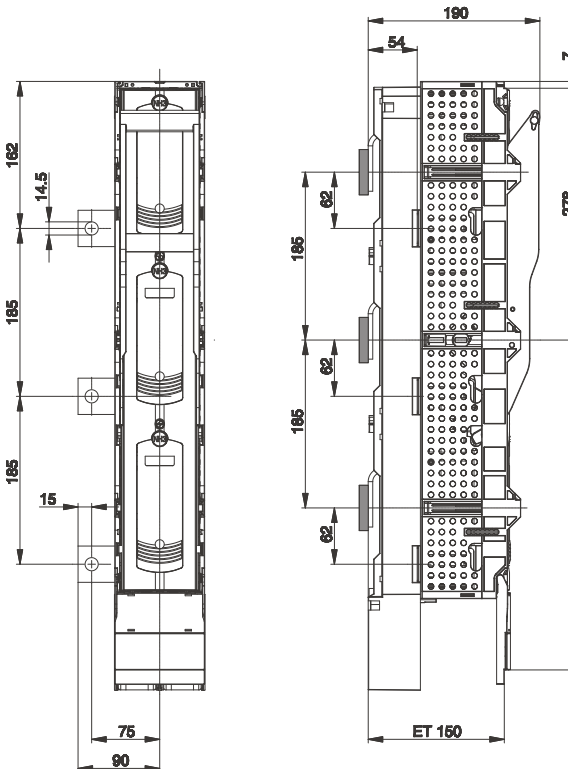
NH Fuse-Switch, vertical design, parallel switching



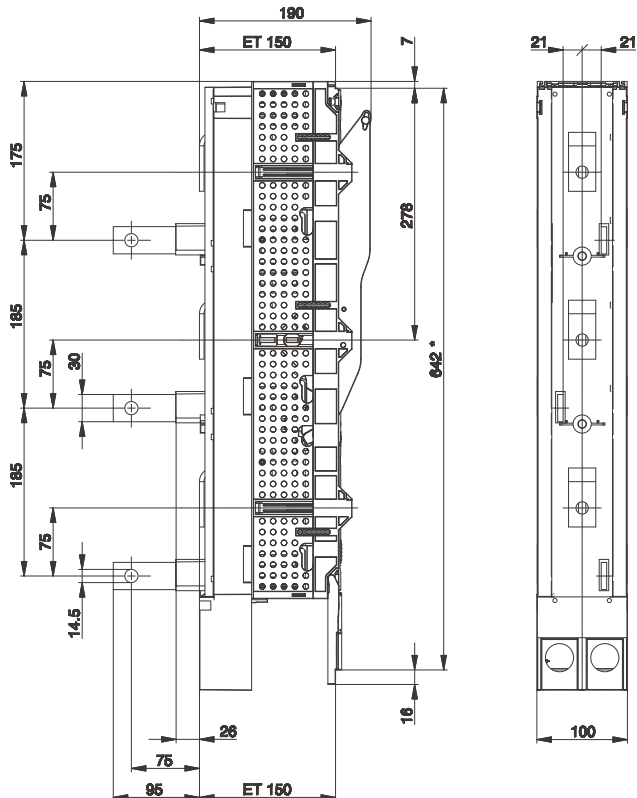
Internal terminal 630/1000 A



Lateral terminal 630/1000 A



Terminal on the rear side 630/1000 A



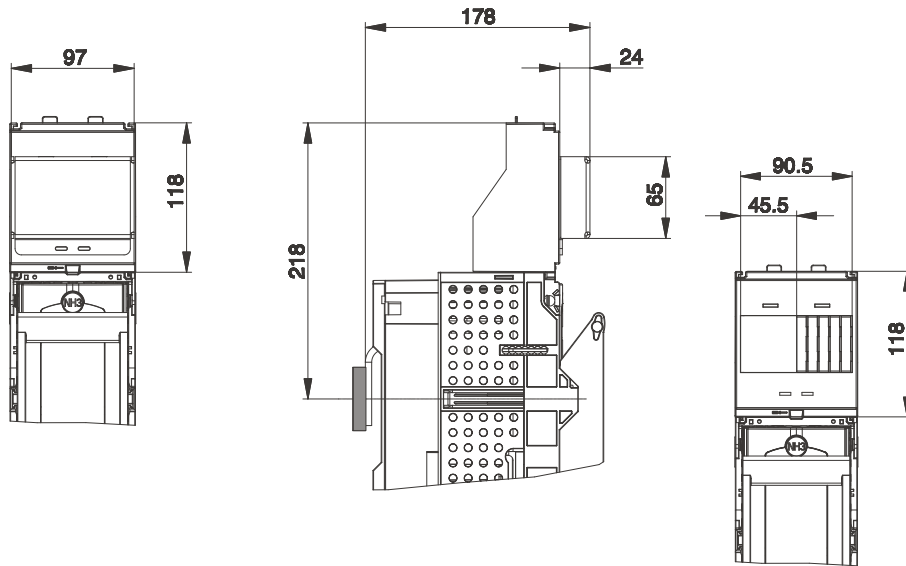
Power distribution components

EFEN NH Fuse-Switches, vertical design

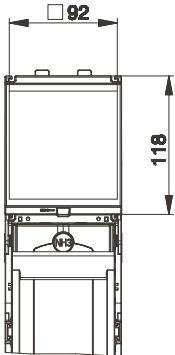
Accessories, size 1 – 3

Device cover 36428-0010
Sealing kit 36434-0010

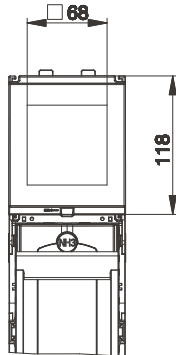
Power distribution components



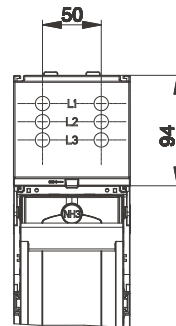
Device carrier, long
36422-0010



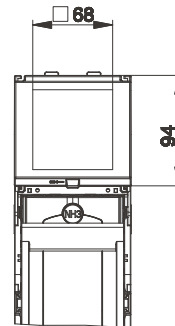
Device carrier, long
36383-0010



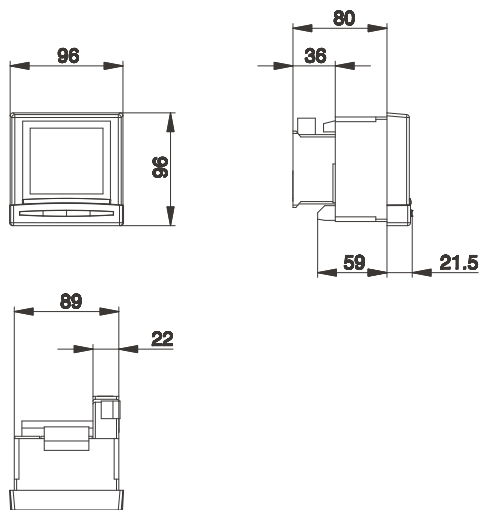
Device carrier, short
36427-0010



Device carrier, short
36424-0010



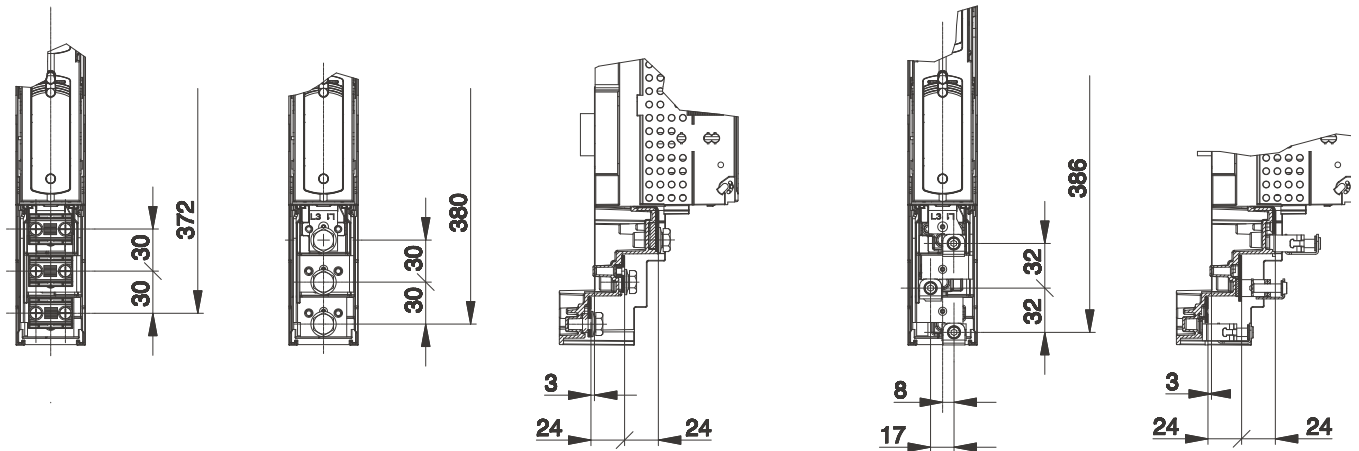
Multi-metering device
Plug-in module



Ε³ NH Fuse-Switches, vertical design

Terminal connection, size 00, 60/100/185 mm

Terminal connection, size 00, 60/100 mm



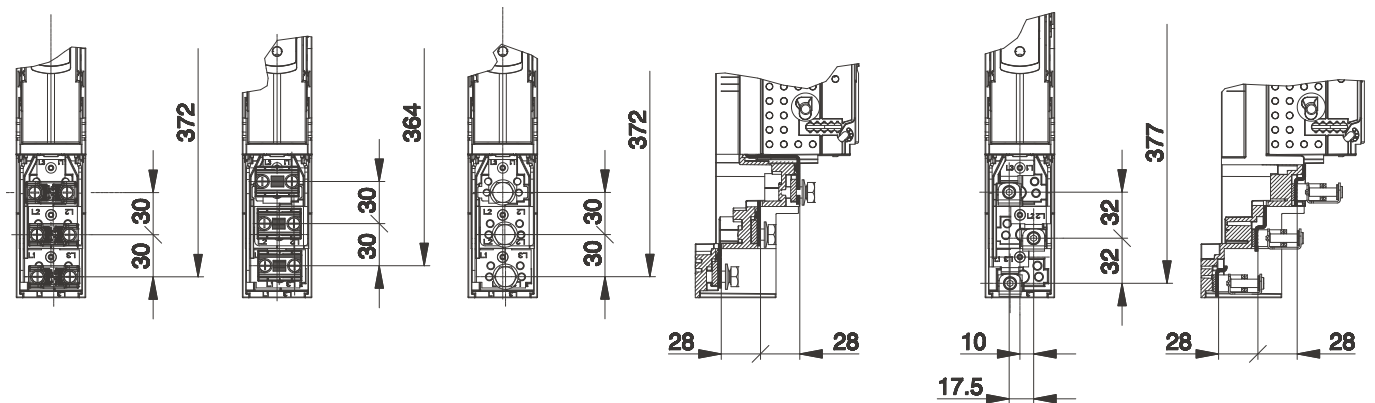
Terminal with pressure plates and contact prism, max. 95 mm²

Screw terminal M8 x 14

Box clamp, max. 95 mm²

Power distribution components

Terminal connection, size 00, 185 mm



Terminal with pressure plates and contact prism, max. 150 mm²

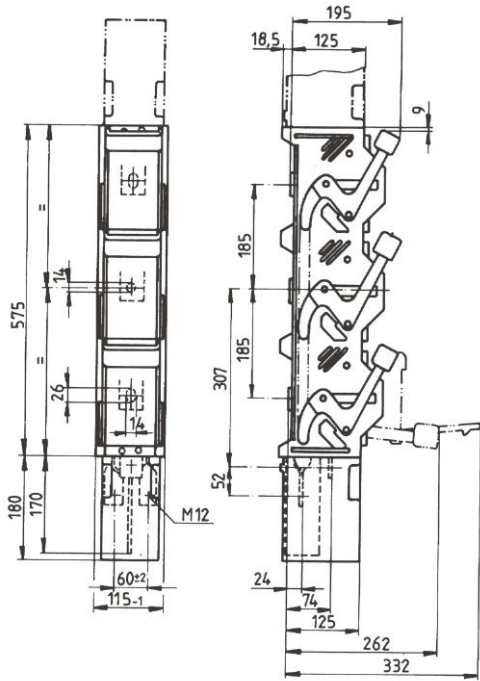
Screw terminal M8 x 14

Box clamp, max. 95 mm²

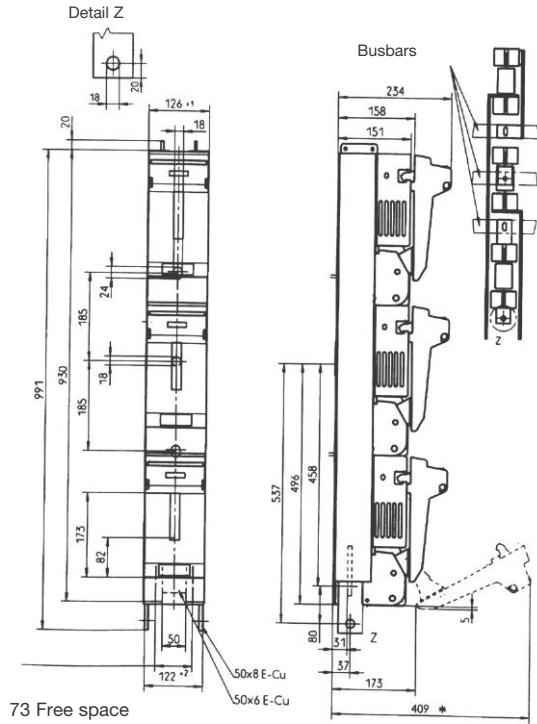
NH Fuse-Switches, vertical design

NH Fuse-Switch, vertical design, size 3: 630 A

Power distribution components



NH Fuse-Switch, vertical design, size 4a: 1250/1600 A



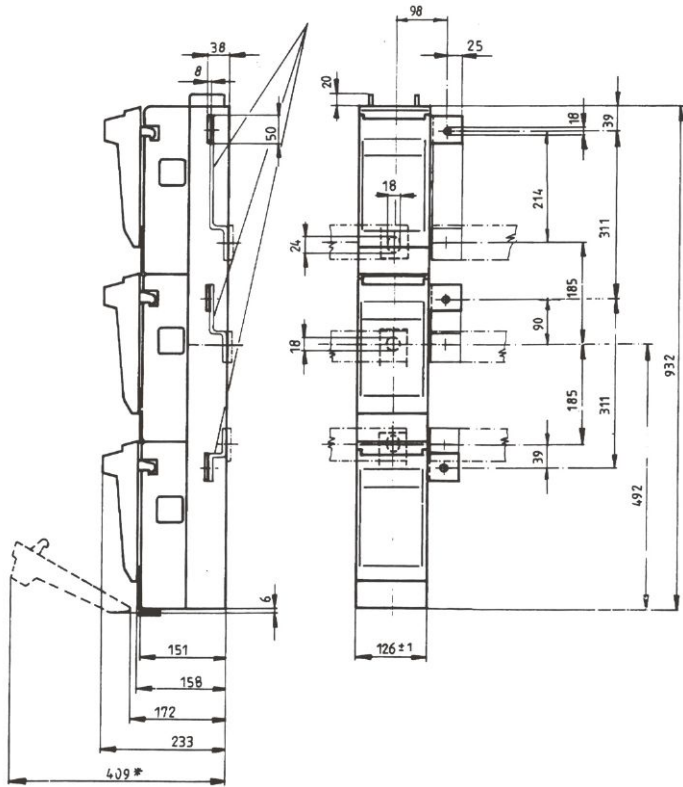
73 Free space for terminal

* required for removal of 425 mm lid

NH Fuse-Switches, vertical design

NH Fuse-Switch, coupling unit, size 4a: 1250 A

Contact angles to be manufactured by customer

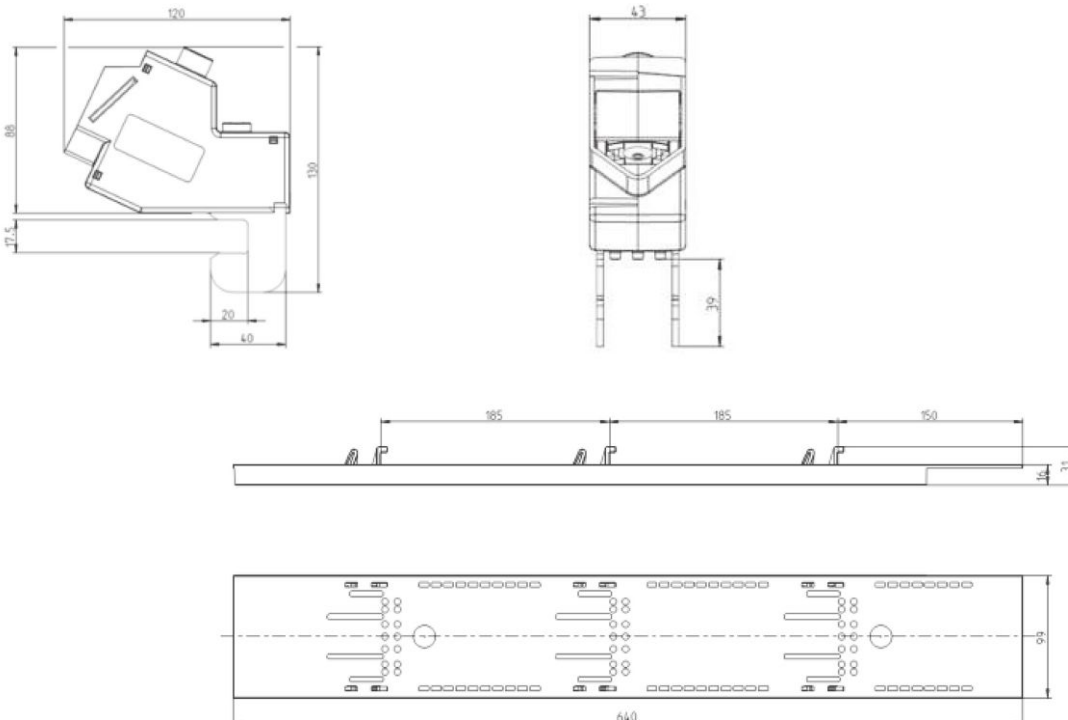


EH NH Fuse-Switches, vertical design, for IP2X applications

For NH Fuse-Switches, vertical design, according to VDE 0660 T-107 / IEC/EN 60947-1/-3

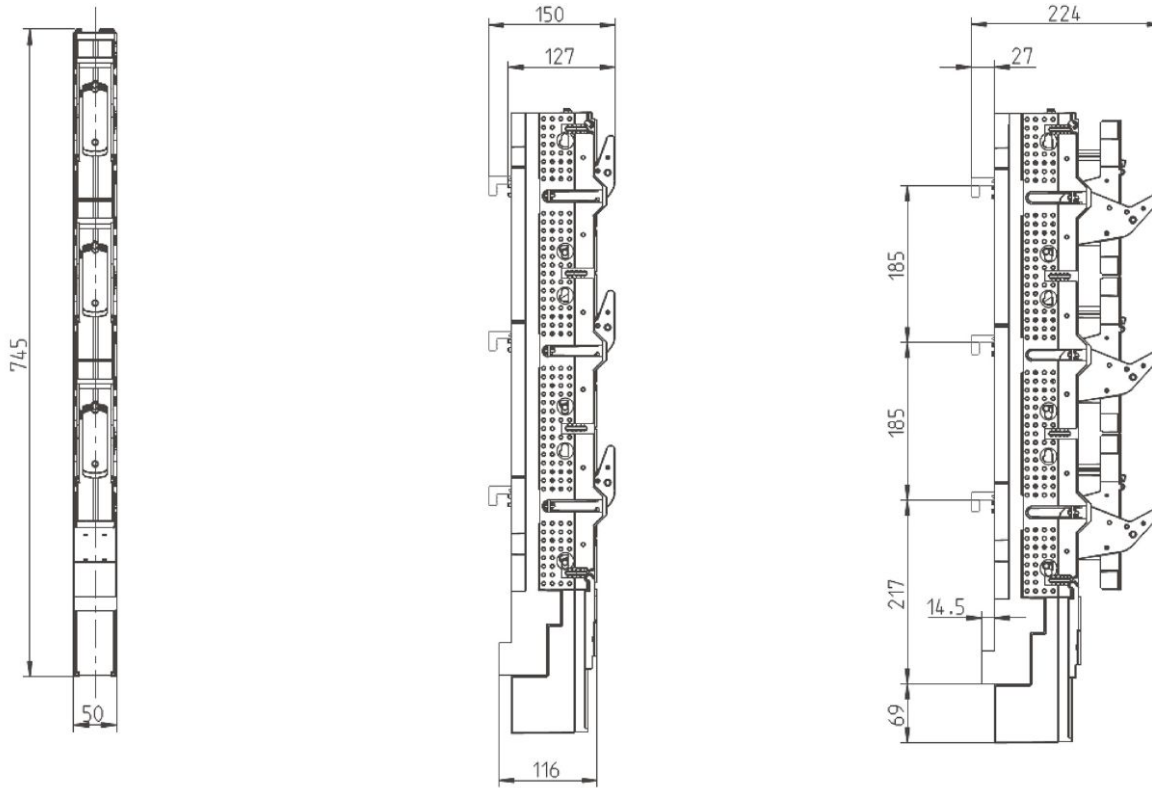
Suitable for NH fuse-links acc. to DIN 43210/1				Size 00	Size 1	Size 2	Size 3
Rated operating current	400 V	I_e	A	160	250	400	630
	500 V			160	250	400	630
	690 V			160	200	315	500
Conventional free-air thermic current		I_{th}	A	220	250	400	630
Rated operating voltage		U_e	V	AC 690	AC 690	AC 690	AC 690
Rated insulation voltage		U_i	V	1000	1000	1000	1000
Rated impulse withstand-current		U_{imp}	kV	8	12	12	12
Conditional rated short-circuit current (when protected by NH fuse-links)	400 V		kA_{eff}	100	120	120	120
	500 V			100	120	120	120
	690 V			100	100	100	100
Utilization category VDE 0660 T107 / EN/IEC 60947-3	400 V			AC-23B	AC-23B	AC-23B	AC-23B
	500 V			AC-22B	AC-22B	AC-22B	AC-22B
	690 V			AC-21B	AC-21B	AC-21B	AC-21B
Mechanical service life		Cycles		1400	1400	800	800
Electrical service life		Cycles		200	200	200	200
Permissible ambient temperature		°C		-25 to +55	-25 to +55	-25 to +55	-25 to +55
Degree of prot. acc. to DIN/EN 60529 / VDE 0470 T1		IP		30	30	30	30
Max. permissible power dissipation of the NH fuse-link		P_v	W	12	23	34	48
Total power dissipation (device without fuse-link)		P_v	W	22	22	45	89
Pollution degree		-	-	3	3	3	3
Overvoltage category		-	-	IV	IV	IV	IV
Rated frequency		-	Hz	50-60	50-60	50-60	50-60
Weight without NH fuse-link		-	kg	2,00	4,71	5,41	6,10

Power distribution components



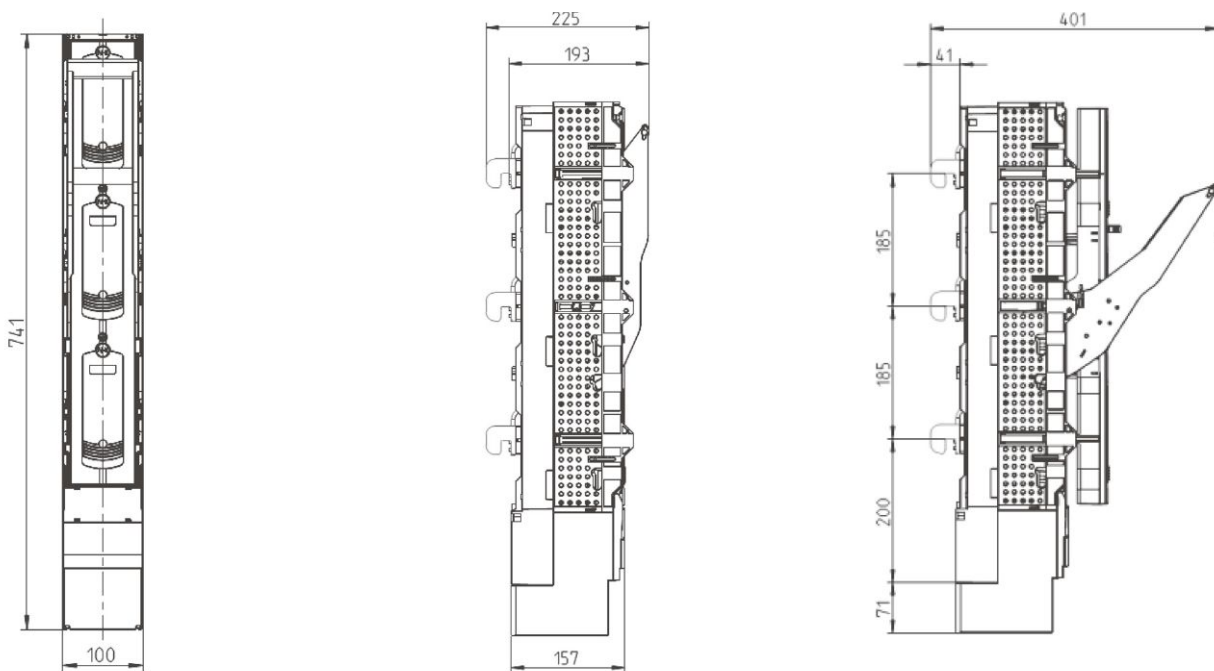
EH NH Fuse-Switches, vertical design, for IP2X applications

NH Fuse-Switches, vertical design, size 00



Power distribution components

NH Fuse-Switches, vertical design, size 1 - 3



NH Fuse-Switches, vertical design

NH Fuse-Switches, vertical design, 630 kVA

The requirements for HV fuse-links are defined in standard IEC 60282-1. In Germany, the allocation of HV fuse-links to transformers is specified in standard DIN VDE 0670 part 402. This applies whenever a main fuse-link according to DIN VDE 0636 part 2011, utilization category "gTr" is used on the secondary side of the transformers. The selectivity between HV back-up fuse-links and NH main fuse-links of type "gTr" required by operators is thereby ensured.

The characteristic curve of the NH fuse-link of utilization category "gTr" according to DIN VDE 0636 part 2011 is adjusted to the thermal capacity of the transformers and the HV fuse-link. This allows the optimal utilization of the transformers' overload capacity. Transformer fuse-links of utilization category "gTr" must be able to withstand the 1.3-fold transformer rated current for at least 10 hours. The fuse-link trips at the 1.5-fold transformer rated current within a period of 2 hours. Transformer fuse-links are designated in accordance with the transformer rated current in kVA.

In practice, this means that e.g. an NH fuse-link of size 3, 630 kVA, can withstand an operating current of 1182 A for a minimum period of 10 hours. Such a high load not only increases the NH fuse-link's power dissipation, but also puts additional load on the NH fuse-switch used in the system. Accordingly, a sufficiently rated NH fuse-switch must be used.

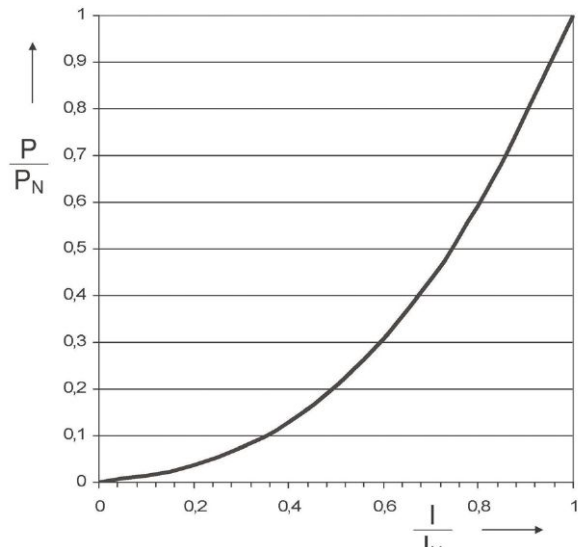
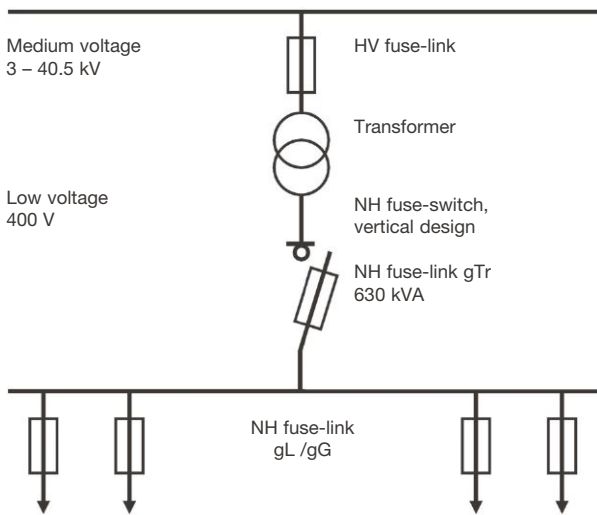
NH fuse-switch devices with a rated operating current of 910 A are not suitable for use with 630 kVA fuse-links as outlined above. Even when using a fuse-link of the next lower rating of 500 kVA, the switching device operated with a current of 1.3 times the rated transformer current must withstand an operating current of 939 A over a minimum period of 10 hours. In this case, the operator must provide additional overcurrent protection devices to ensure that the maximum permissible operating current of the NH fuse-switch of 910 A is not exceeded.

EFEN vertical-design NH fuse-switches rated at 630 kVA are true and uncompromised 630-kVA devices. Due to their specific design, they withstand the high operating currents that occur when the overload capacity of transformers is utilized (up to 1182 Amps for at least 10 hours). This is why these EFEN's vertical-design NH fuse-switches are specified with the transformer rated capacity in kVA similar to DIN VDE 0636/2011.

Specific features:

- Rated power 630 kVA at 400 V AC
- Robust design and plastics with a high thermal resistance
- Parallel disconnection for high breaking capacity
- Top, bottom or rear connections are available

630 kVA fuse-switches of horizontal design of size 3 are available as well.



NH Fuse-Switch, vertical design, size 3: 630 kVA

Terminal type and location	Size	kVA	Variant	Order no.	Designation	PU	Weight in kg
M12, bottom	3	630	1-pole switching	38300-1235	NH-La-Lei 3 1PU 630kVA VE SM ST GG L6	1	5,60
M12, top	3	630	1-pole switching	38350-1235	NH-La-Lei 3 1PO 630kVA VE SM ST GG L6	1	7,12
Clinch nut M12, rear side	3	630	1-pole switching	37374-1465	NH-La-Lei 3 1PH 630kVA GG S6	1	7,00
M12, bottom	3	630	3-pole switching	38300-1275	NH-La-Lei 3 3PU 630kVA VE SM ST GG L6	1	7,29
M12, top	3	630	3-pole switching	38350-1275	NH-La-Lei 3 3PO 630kVA VE SM ST GG L6	1	7,32
Clinch nut M12, rear side	3	630	3-pole switching	38374-1495	NH-La-Lei 3 3PH 630kVA GG S6	1	7,00

NH Fuse-Switches, vertical design

630 kVA NH feeding Fuse-Switch with special terminal block

Application

This device is used as feeding switch in low-voltage distribution systems of transformer stations up to 630 kVA (transformer protection concept).

Benefits:

Terminal block with special contact lugs for connection to up to 60 mm wide busbars.

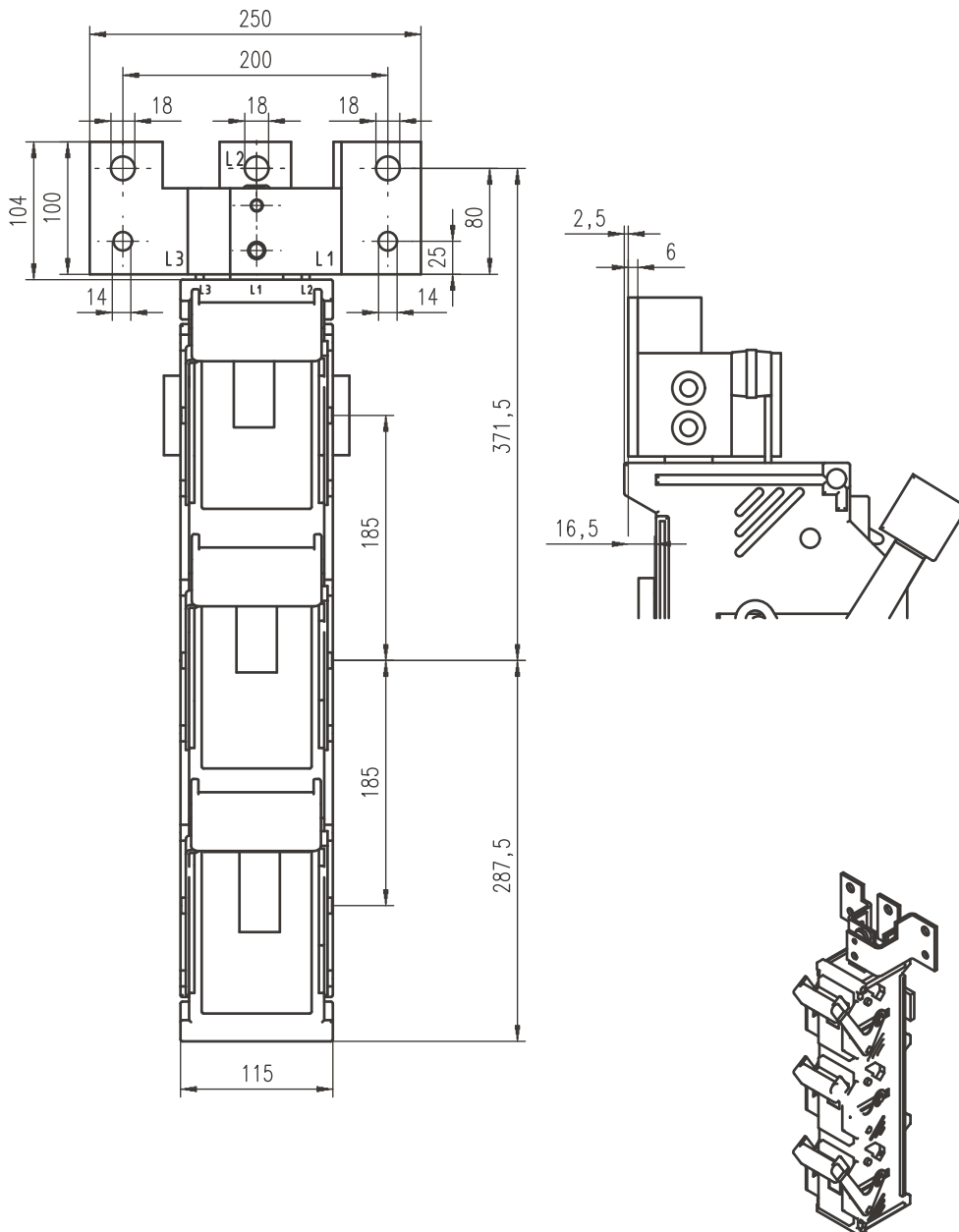
Mirrored terminals L1/L2 to eliminate crossings between cables or busbars and the secondary contacts of the transformer.

Simplified planning of installation and reliable compliance with specified air and creepage gaps due to fixed clearances between phases.

Extremely strong contact terminals for high electrodynamic stability.

Reliable thermal operating reliability at alternating ambient conditions due to extended device width of 115 mm.

Description	Size	kVA	Variant	Order no.	Designation	PU	Weight in kg
Special terminal for 60 mm busbars, top terminal	3	630	3-pole switching	38350-1595	NH-LA-LEI 3 3PO 630KVA SV L8 (L6)	1	7,00



NH Fuse-Switches, vertical design

NH Fuse-Switches, vertical design, size 2, 1-pole switching, EKDEO series

The NH vertical-design fuse-switches of the EKDEO series yield the following benefits also for the operator, especially when used in utility applications.

- Easy voltage testing directly on the contact blades of the NH fuse-links
- Easy current metering
- Compatible with piggyback fuse-switches for separate power branch-out
- Easy working with earthing cartridges, no further accessories required
- 150 mm installation depth for installation in low-profile cabinets

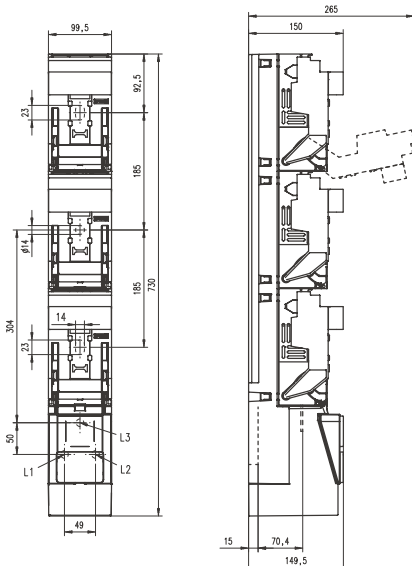
Technical data acc. to VDE 0660 T107/EN/IEC 60947-3

Suitable for NH fuse-links according to VDE 0636 T 2	Size	2	
Rated operating current I_e^*	A	400	
Conventional free-air thermic current I_{th}	A	400	
Rated operating voltage U_e	V	690	
Rated isolation voltage U_i	V	1000	
Rated impulse withstand-current U_{imp}	kV	12	
Conditional rated short-circuit current (when protected by NH fuse-links)	kA	100	
Utilization category acc. to VDE 0660 T107 / EN/IEC 60947-3	U _e =400 V AC U _e =500 V AC U _e =690 V AC U _e =440 V DC	AC-23B AC-22B AC-21B DC-21B	
Mechanical service life	Cycles	1600	
Rated operating mode	Continuous operation		
Permissible ambient temperature	°C	-25 to +55	
Degree of protection acc. to DIN/EN 60529 / VDE 0470 T1	IP	2x	
Tightening torques	Busbar	Busbar mounting	32 Nm
		Hook mounting	20 Nm
	Cable connection	Conductor bolt M12	32 Nm
		V2N clamp	30 Nm
Maximum permissible power dissipation of NH fuse-link	P _v max.	V2 MD clamp	25 Nm
			34 W

* Please request further information when using gR fuse-links (VDE 0636/40) in our devices. Continuous technical development is our dedication. Specifications and data are subject to change without notice.

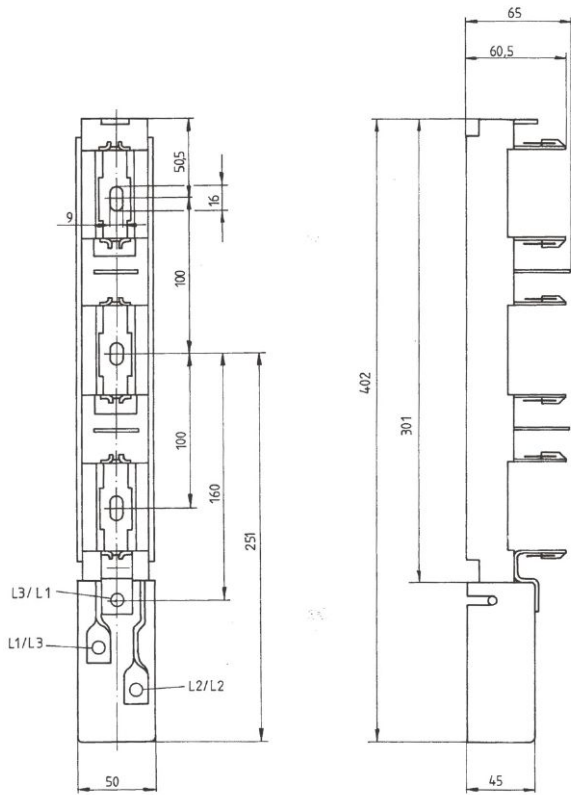
NH Fuse-Switches, vertical design, size 2, 1-pole switching, EKDEO series

Description	Size	Amps I_n	Order no.	Designation	PU	Weight in kg
Clinch nut M12	2	400	38664-0000	EKDEO 2 1P S6	1	3,77
Stud M12x30	2	400	38662-0000	EKDEO 2 1P B6	1	3,77
V-terminal (not including V-clamps)	2	400	38665-0000	EKDEO 2 1P V2	1	3,77
V2N-terminal (not including V-clamps)	2	400	38665-0470	EKDEO 2 1P V2N	1	3,77



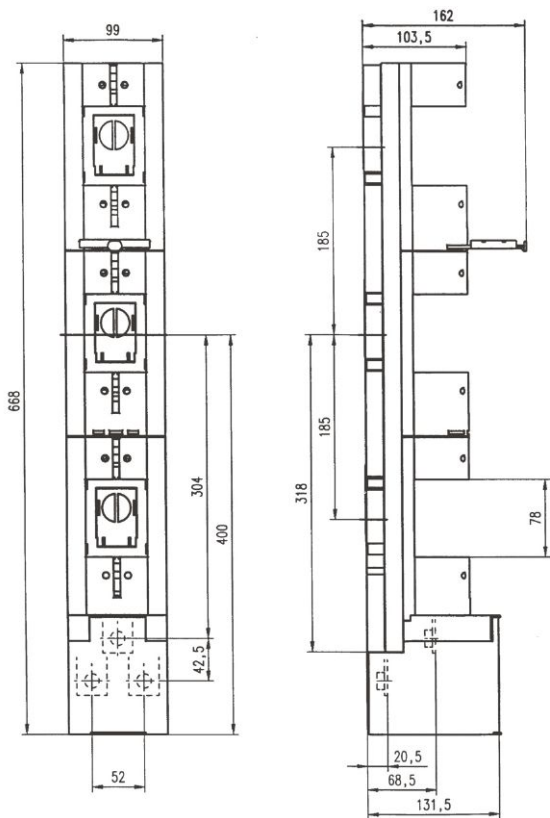
NH Fuse-Rails

NH fuse-rails, size 00/100: 125/160 A

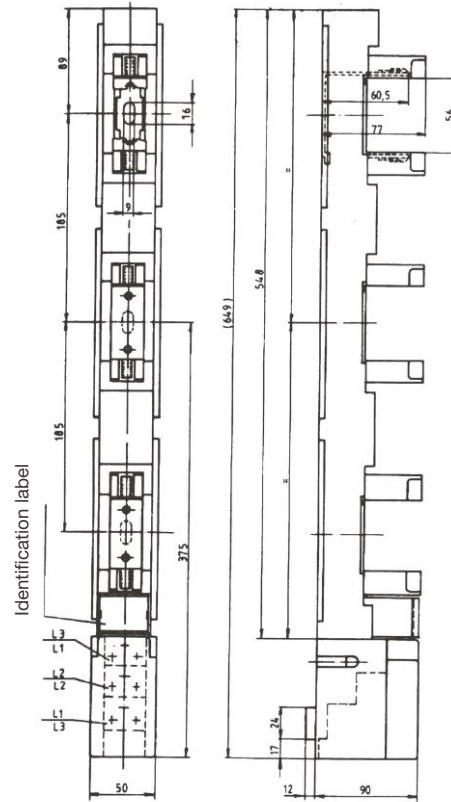


with contact cover and terminal cover

Eduro

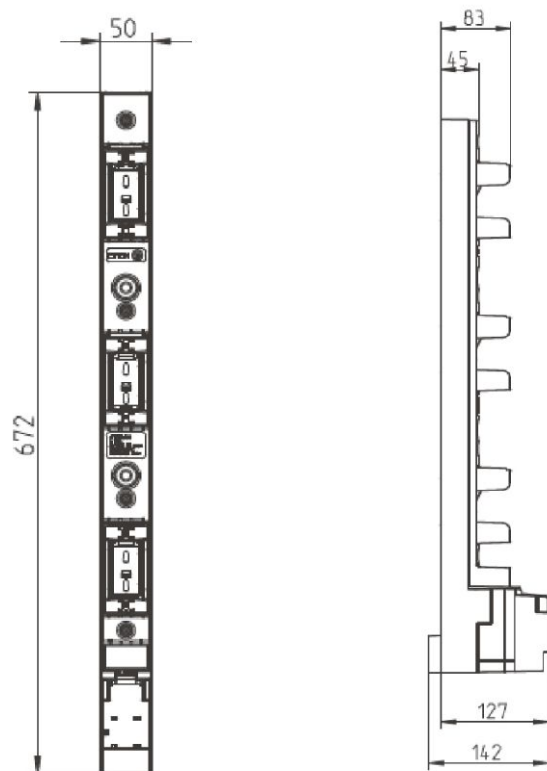


NH fuse-rails, size 00/185



with contact cover and terminal cover

E³ NH fuse-rails, size 00/185 with V-clamp



Power distribution components