

## The Complete Range

**Easy mounting  
onto supporting rails**



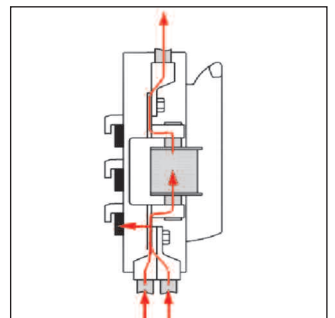
**Protection against accidental  
contact in the standart version**



**Perforated versions  
for connections**



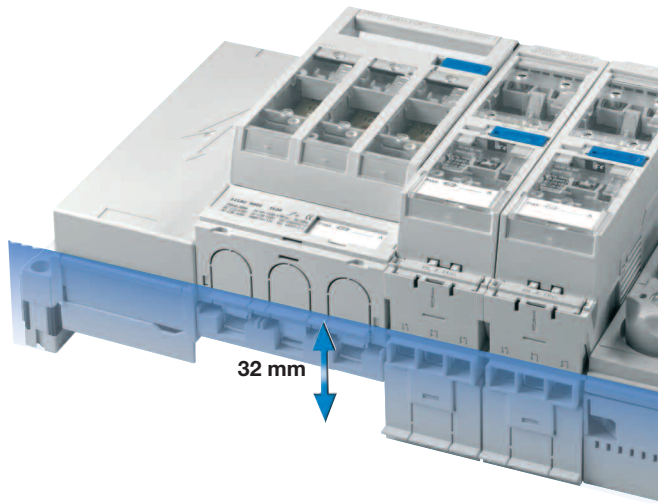
**Drawing of the NH Fuse-Switch,  
3-pole switching, horizontal  
design for busbar supply  
on a 60 mm busbar systems**



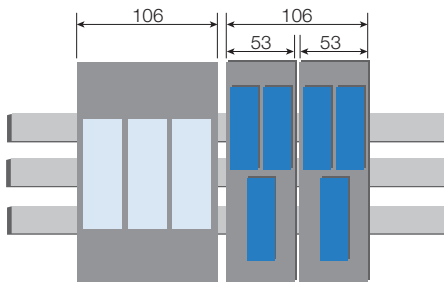
# Content

## NH Fuse-Switches NT-SILAS, horizontal design, 3-pole switching

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Saves space



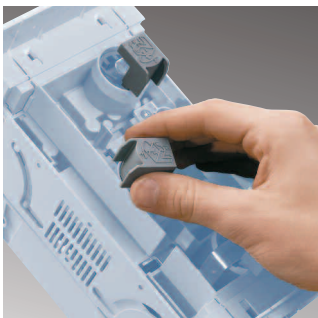
### System

All switches from size 000, the smallest NH Fuse-Switch, horizontal design, currently available on the market, to size 3. All devices have the same installation depth and a perfect protection against accidental contact. The wide range of accessories offers all users a high level of possibilities for modification. The ideally harmonized sizes and matching accessories as well as a consistent design make the NT-SILAS series one of the most cutting-edge products on the market.

### Features

The product-line NT-SILAS offers new solutions for the application of NH Fuse-Switches, horizontal design, in power distribution cabinets. The intention was to develop a modular system with high safety standards and easy-to-install busbar mounting.

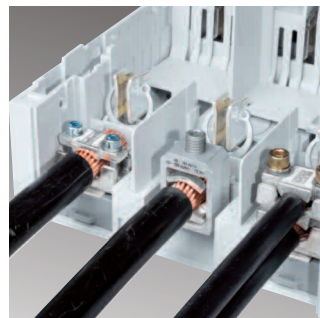
**rotatable hooks**  
(Variable selection of cable terminal on either top or bottom)



**Fuse monitoring**  
(electronical or mechanical)



**A large range of connection possibilities**



**Perfect protection**



## NH Fuse-Switches SILAS

**NH Fuse-Switches, horizontal design**, series SILAS offer with her continius desing and the great range of accessories a solution for all applications.

For more information see page **143**



34076-0000

### NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for baseplate mounting

**Properties:**

- Optimum labeling
- Integrated hand protection
- Easy and fast mounting on supporting rails possible

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup>	000	100	<b>34040-0007</b>	1	NT SILAS	0,007	0,018	56,65
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>34076-0000</b>	1	NT SILAS	0,001	0,015	59,75
Multiple use terminal (screw M8)	00	160	<b>34077-0000</b>	1	NT SILAS	0,009	0,015	56,60
Multiple use terminal (screw M10)	1	250	<b>34170-0000</b>	1	NT SILAS	0,021	0,029	154,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>34175-0000</b>	1	NT SILAS	0,022	0,030	219,00
Multiple use terminal (screw M10)	2	400	<b>34270-0000</b>	1	NT SILAS	0,034	0,100	207,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>34275-0000</b>	1	NT SILAS	0,034	0,100	306,00
Multiple use terminal (screw M10)	3	630	<b>34370-0000</b>	1	NT SILAS	0,043	0,106	265,00
Box terminal 95 - 300 mm <sup>2</sup>	3	630	<b>34375-0000</b>	1	NT SILAS	0,043	0,106	352,00



34170-0130

### NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for baseplate mounting

**Properties:**

- With electronical fuse monitoring
- No auxiliary power supply requiered
- Indepent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup>	000	100	<b>34040-0137</b>	1	NT SILAS	0,007	0,018	224,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>34076-0130</b>	1	NT SILAS	0,018	0,015	227,50
Multiple use terminal (screw M8)	00	160	<b>34077-0130</b>	1	NT SILAS	0,009	0,015	224,00
Multiple use terminal (screw M10)	1	250	<b>34170-0130</b>	1	NT SILAS	0,022	0,030	323,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>34175-0130</b>	1	NT SILAS	0,022	0,030	388,00
Multiple use terminal (screw M10)	2	400	<b>34270-0130</b>	1	NT SILAS	0,034	0,100	375,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>34275-0130</b>	1	NT SILAS	0,034	0,100	466,00
Multiple use terminal (screw M10)	3	630	<b>34370-0130</b>	1	NT SILAS	0,043	0,106	433,00
Box terminal 95 - 300 mm <sup>2</sup>	3	630	<b>34375-0130</b>	1	NT SILAS	0,043	0,106	512,00



34170-0030

### NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for baseplate mounting

**Properties:**

- With mechanical fuse monitoring
- Monitoring of status of all fuses
- Indepent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>34076-0030</b>	1	NT SILAS	0,019	0,016	297,15
Multiple use terminal (screw M8)	00	160	<b>34077-0030</b>	1	NT SILAS	0,009	0,015	292,00
Multiple use terminal (screw M10)	1	250	<b>34170-0030</b>	1	NT SILAS	0,021	0,029	385,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>34175-0030</b>	1	NT SILAS	0,021	0,029	441,00
Multiple use terminal (screw M10)	2	400	<b>34270-0030</b>	1	NT SILAS	0,034	0,100	441,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>34275-0030</b>	1	NT SILAS	0,034	0,100	524,00
Multiple use terminal (screw M10)	3	630	<b>34370-0030</b>	1	NT SILAS	0,043	0,106	489,00
Box terminal 95 - 300 mm <sup>2</sup>	3	630	<b>34375-0030</b>	1	NT SILAS	0,043	0,106	566,00

## NH Fuse-Switches SILAS

The NH Fuse-Switches for busbar mounting offers a lot of detailed solutions, for example the equal installation depth and the easy changing of the terminal side.

For more information see page **143**



39000-0007

**NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar systems 40 mm, installation depth 70 mm**

**Properties:**

- Optimum labeling
- Integrated hand protection
- Easy and fast mounting on supporting rails possible

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39000-0007</b>	1	NT SILAS	0,010	0,019	83,30
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39020-0000</b>	1	NT SILAS	0,017	0,023	85,50
Multiple use terminal (screw M8)	00	160	<b>39021-0000</b>	1	NT SILAS	0,001	0,022	83,30
Multiple use terminal (screw M10)	1	250	<b>39060-0000</b>	1	NT SILAS	0,016	0,042	238,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39061-0000</b>	1	NT SILAS	0,117	0,034	303,00
Multiple use terminal (screw M10)	2	400	<b>39078-0000</b>	1	NT SILAS	0,034	0,117	272,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>39079-0000</b>	1	NT SILAS	0,034	0,117	338,00



39000-0137 + 39020-0130

**NH Fuse-Switches 500 V AC, 3-pole switching for busbar systems 40 mm, installation depth 70 mm**

**Properties:**

- With electronical fuse monitoring
- No auxiliary power supply required
- Independent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39000-0137</b>	1	NT SILAS	0,009	0,015	315,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39020-0130</b>	1	NT SILAS	0,017	0,023	268,00
Multiple use terminal (screw M8)	00	160	<b>39021-0130</b>	1	NT SILAS	0,017	0,023	250,00
Multiple use terminal (screw M10)	1	250	<b>39060-0130</b>	1	NT SILAS	0,016	0,042	369,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39061-0130</b>	1	NT SILAS	0,016	0,042	380,00
Multiple use terminal (screw M10)	2	400	<b>39078-0130</b>	1	NT SILAS	0,034	0,017	407,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>39079-0130</b>	1	NT SILAS	0,034	0,117	451,00



39079-0030

**NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar systems 40 mm, installation depth 70 mm**

**Properties:**

- With mechanical fuse monitoring
- Monitoring of status of all fuses
- Independent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Multiple use terminal (screw M8)	00	160	<b>39020-0030</b>	1	NT SILAS	0,017	0,023	319,00
Multiple use terminal (screw M8)	00	160	<b>39021-0030</b>	1	NT SILAS	0,017	0,023	320,00
Multiple use terminal (screw M10)	1	250	<b>39060-0030</b>	1	NT SILAS	0,016	0,042	429,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39061-0030</b>	1	NT SILAS	0,016	0,042	437,00
Multiple use terminal (screw M10)	2	400	<b>39078-0030</b>	1	NT SILAS	0,034	0,117	466,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>39079-0030</b>	1	NT SILAS	0,034	0,117	509,00

## NH Fuse-Switches SILAS

**The NH Fuse-Switches, horizontal design, series SILAS offers a lot of advantage by mounting onto busbar systems.**

- rotating hook contacting for terminal top or bottom
- smallest device worldwide by size 000
- standart high for the field cover by all sizes

For more information see page **143**



39040-0000

**NH-Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar systems 60 mm, installation depth 32 mm**

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39010-0007</b>	1	NT SILAS	0,009	0,015	83,30
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal top	000	100	<b>39011-0007</b>	1	NT SILAS	0,009	0,015	83,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39040-0000</b>	1	NT SILAS	0,016	0,024	85,40



39050-0000

**NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar systems 60 mm, installation depth 70 mm, hook contacting**

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39010-0007</b>	1	NT SILAS	0,009	0,015	83,30
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal top	000	100	<b>39011-0007</b>	1	NT SILAS	0,009	0,015	83,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39050-0000</b>	1	NT SILAS	0,013	0,020	85,40
Multiple use terminal (screw M8)	00	160	<b>39052-0000</b>	1	NT SILAS	0,013	0,020	83,30
Multiple use terminal (screw M10)	1	250	<b>39064-0000</b>	1	NT SILAS	0,016	0,044	238,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39068-0000</b>	1	NT SILAS	0,016	0,044	247,00
Box terminal 35 - 150 mm <sup>2</sup>	2	400	<b>39074-0000</b>	1	NT SILAS	0,034	0,100	320,00
Multiple use terminal (screw M10)	2	400	<b>39070-0000</b>	1	NT SILAS	0,034	0,100	272,00
Box terminal 35 - 150 mm <sup>2</sup>	3	630	<b>39084-0000</b>	1	NT SILAS	0,038	0,114	355,00
Multiple use terminal (screw M10)	3	630	<b>39080-0000</b>	1	NT SILAS	0,038	0,144	336,00



39040-0130

**NH Fuse-Switches horizontal design, 500 V AC, 3-pole switching for busbar systems 60 mm, installation depth 32 mm**

**Properties:**

- With electronical fuse monitoring
- No auxiliary power supply required
- Independent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39010-0137</b>	1	NT SILAS	0,009	0,015	251,00
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal top	000	100	<b>39011-0137</b>	1	NT SILAS	0,010	0,017	251,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39040-0130</b>	1	NT SILAS	0,016	0,024	250,00

## NH Fuse-Switches SILAS

For more information  
see page **143**



39080-0130

**NH Fuse-Switches horizontal design, 500 V AC, 3-pole switching for busbar systems 60 mm, installation depth 70 mm**

**Properties:**

- with electronical fuse monitoring

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal bottom	000	100	<b>39010-0137</b>	1	NT SILAS	0,009	0,015	251,00
Box terminal 2,5 - 50 mm <sup>2</sup> , Cable terminal top	000	100	<b>39011-0137</b>	1	NT SILAS	0,010	0,017	251,00
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39050-0130</b>	1	NT SILAS	0,013	0,020	255,00
Multiple use terminal (screw M8)	00	160	<b>39052-0130</b>	1	NT SILAS	0,013	0,020	250,00
Multiple use terminal (screw M10)	1	250	<b>39064-0130</b>	1	NT SILAS	0,016	0,044	408,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39068-0130</b>	1	NT SILAS	0,016	0,044	474,00
Multiple use terminal (screw M10)	2	400	<b>39070-0130</b>	1	NT SILAS	0,034	0,121	443,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>39074-0130</b>	1	NT SILAS	0,034	0,121	508,00
Multiple use terminal (screw M10)	3	630	<b>39080-0130</b>	1	NT SILAS	0,038	0,144	507,00
Box terminal 95 - 300 mm <sup>2</sup>	3	630	<b>39084-0130</b>	1	NT SILAS	0,038	0,144	571,00



39068-0030

**NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar systems 60 mm, installation depth 70 mm**

**Properties:**

- With mechanical fuse monitoring
- Monitoring of status of all fuses
- Independent of supply side

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Box terminal 2,5 - 95 mm <sup>2</sup>	00	160	<b>39050-0030</b>	1	NT SILAS	0,013	0,020	315,00
Multiple use terminal (screw M8)	00	160	<b>39052-0030</b>	1	NT SILAS	0,013	0,020	314,00
Multiple use terminal (screw M10)	1	250	<b>39064-0030</b>	1	NT SILAS	0,016	0,044	452,00
Box terminal 35 - 150 mm <sup>2</sup>	1	250	<b>39068-0030</b>	1	NT SILAS	0,016	0,044	457,00
Multiple use terminal (screw M10)	2	400	<b>39070-0030</b>	1	NT SILAS	0,034	0,100	531,00
Box terminal 95 - 300 mm <sup>2</sup>	2	400	<b>39074-0030</b>	1	NT SILAS	0,034	0,100	537,00
Multiple use terminal (screw M10)	3	630	<b>39080-0030</b>	1	NT SILAS	0,038	0,144	587,00
Box terminal 95 - 300 mm <sup>2</sup>	3	630	<b>39084-0030</b>	1	NT SILAS	0,038	0,144	590,00

## NH Fuse-Switches SILAS for busbar supply 60 mm

For more information  
see page **143**



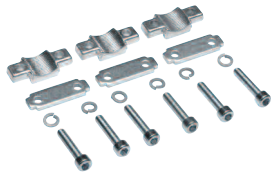
39086-0000

**NH Fuse-Switches horizontal design, 690 V AC, 3-pole switching for busbar system 60 mm with hook contacting for busbar supply**

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Multiple use terminal (screw M10)	1	250	<b>39086-0000</b>	1	NT SILAS	0,014	0,076	245,00
Multiple use terminal (screw M10)	2	400	<b>39087-0000</b>	1	NT SILAS	0,034	0,100	280,00

With these multifunctional accessories you have the possibility to modify the device to all applications.

For more information see page **143**



36934-0010

#### Pressure plates for Cu conductors, se, sm and laminated cooper

##### Properties:

- Easy supplementation for the connection of Cu conductors, se, sm und laminated copper
- 1 Set = 3 pcs.

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
6 - 50 mm <sup>2</sup>	00		<b>36934-0010</b>	1	NT SILAS			2,45
70 - 150 mm <sup>2</sup>	1		<b>36936-0010</b>	1	NT SILAS			20,30
120 - 240 mm <sup>2</sup>	2		<b>36997-0010</b>	1	NT SILAS			34,20
150 - 300 mm <sup>2</sup>	3		<b>36981-0010</b>	1	NT SILAS			72,60



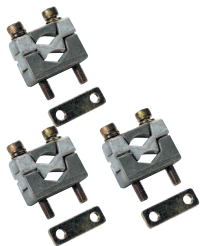
36975-0010

#### Contact prism for multiple use terminal

##### Properties:

- Easy supplementation for the connection of Cu- and Al conductors
- 1 Set = 3 pcs.

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
6 - 70 mm <sup>2</sup>	00		<b>36975-0010</b>	1	NT SILAS			7,90
70 - 150 mm <sup>2</sup>	1		<b>36942-0010</b>	1	NT SILAS			46,65
120 - 240 mm <sup>2</sup>	2		<b>36943-0010</b>	1	NT SILAS			66,30
150 - 300 mm <sup>2</sup>	3		<b>36981-0010</b>	1	NT SILAS			72,60



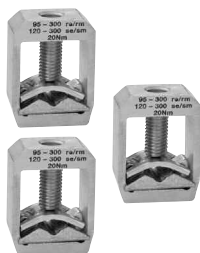
36982-0010

#### Contact prism for two copper and aluminium conductors

##### Properties:

- Easy supplementation for the connection of 2 Cu- and Al conductors
- 1 Set = 3 pcs.

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
2 x 35 - 70 mm <sup>2</sup>	1		<b>36982-0010</b>	1	NT SILAS			87,80
2 x 70 - 120 mm <sup>2</sup>	2		<b>36983-0010</b>	1	NT SILAS			100,50
2 x 150 - 185 mm <sup>2</sup>	3		<b>36984-0010</b>	1	NT SILAS			113,25



36994-0010

#### Box terminal

##### Properties:

- 1 Set = 3 pcs.

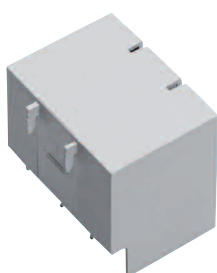
Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
35 - 150 mm <sup>2</sup>	1	250	<b>36992-0010</b>	1	NT SILAS			17,10
95 - 300 mm <sup>2</sup>	2 - 3	400-630	<b>36994-0010</b>	1	NT SILAS			22,45



36953-0010

#### Add-on-kit AC 23, size 1-3 SILAS

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Add-on kit AC23 for size 1-3 SILAS (1 Set = 3 pcs.)	1-3		<b>36953-0010</b>	1	netto			15,00



36954-0010

#### Terminal cover

##### Properties:

- To add for more protection against touching of live parts

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Terminal cover, small version for busbar devices	000		<b>36954-0010</b>	1	NT SILAS			2,25
Terminal cover	00		<b>36935-0010</b>	1	NT SILAS			2,40
Terminal cover	1		<b>36960-0010</b>	1	NT SILAS			5,50
Terminal cover	2		<b>36950-0010</b>	1	NT SILAS			6,60
Terminal cover	3		<b>36952-0010</b>	1	NT SILAS			8,90

With these multifunctional accessories you have the possibility to modify the device to all applications.

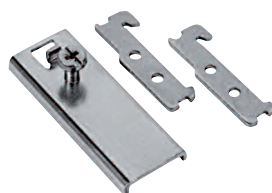


36962-0010

**Support profile**
**Properties:**

- laterally attachable

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Support profile	000		<b>36962-0010</b>	1	NT SILAS			2,25
Support profile	00		<b>36941-0010</b>	1	NT SILAS			2,50
Support profile	1-3		<b>36940-0010</b>	1	NT SILAS			3,25

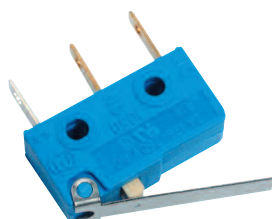


36937-0010

**Quick fixing set**
**Properties:**

- for use on 2 supporting rails for spacing 125 or 150 mm by size 1

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Quick fixing set for size 000, small version	000		<b>36949-0010</b>	1	NT SILAS			4,45
Quick fixing set for supporting rails, distance 125 or 150 mm	00-1	160-250	<b>36937-0010</b>	1	NT SILAS			5,60



36959-0060

**Micro switch for position indicating**
**Properties:**

- for position indicating

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Micro switch, small version	000		<b>36959-0010</b>	1	NT SILAS			7,85
Micro switch	1-3		<b>36959-0060</b>	1	NT SILAS			7,85



36969-0010

**Locking window**
**Properties:**

- protection vs. power theft

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
protection vs. power theft, Size 000-3 SILAS	000-3		<b>36969-0010</b>	1	NT Silas			3,45



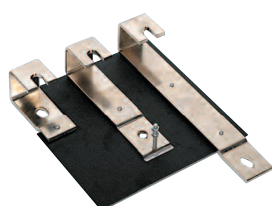
36988-0010

**Terminal extension**
**Properties:**

- for installation depth of 32 mm

- 1 Set = 3 pcs.

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Terminal extension	1		<b>36988-0010</b>	1	NT SILAS			9,95
Terminal extension	2		<b>36989-0010</b>	1	NT SILAS			14,95
Terminal extension	3		<b>36990-0010</b>	1	NT SILAS			19,20



36985-0010

**Busbar adapter**
**Properties:**

- for busbar systems 100 mm

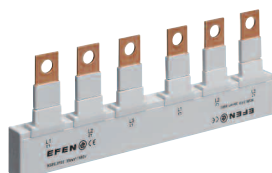
Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Busbar adapter	1		<b>36985-0010</b>	1	NT SILAS		0,083	122,00
Busbar adapter	2		<b>36986-0010</b>	1	NT SILAS		0,082	127,00
Busbar adapter	3		<b>36987-0010</b>	1	NT SILAS		0,110	132,00



The feeding devices from EFEN are an high quality supplementary for the NH Fuse-Switches, horizontal design and offers

- Easy and safety connection methode
- Fast mounting
- Reduce wiring

For more information see page **143**



90280-0100

**Feeding devices for NH Fuse-switches, horizontal design, series SILAS**
**Proberities:**

- Easy and safety connection methode
- Fast mounting
- Reduce wiring
- by size 00 only for the switches with multiple use terminal

Description	Size	Amps	Order-No.	PU	PG	Sur. Ag	Sur. Cu	Price €/pc.
Feeding device 2 X SILAS NH000	000		<b>90276-0100</b>	4	NT SILAS			30,00
Feeding device 3 X SILAS NH000	000		<b>90276-0200</b>	4	NT SILAS			33,00
Feeding device 4 X SILAS NH000	000		<b>90276-0300</b>	4	NT SILAS			35,00
Feeding device 5 X SILAS NH000	000		<b>90276-0400</b>	4	NT SILAS			45,00
Feeding clamp 25 - 95 mm <sup>2</sup> RM/SM SILAS NH000	000		<b>90277-0100</b>	3	NT SILAS			17,00
Feeding device for 2 switches	00		<b>90280-0100</b>	4	NT SILAS			30,00
Feeding device for 3 switches	00		<b>90280-0200</b>	4	NT SILAS			36,00
Feeding device for 4 switches	00		<b>90280-0300</b>	4	NT SILAS			48,00
Feeding device for 5 switches	00		<b>90280-0400</b>	4	NT SILAS			60,00

## Product range overview

	Size 000	Size 00	Size 1	Size 2	Size 3
Base plate mounting	•	•	•	•	•
Busbar system 40/12 mm	•	•	•	•	
Busbar system 60 mm	•	•	•	•	•
Busbar system 100 mm			•	•	•
Supporting rail mounting	•	•	•		
Bracing profile, lateral	•	•	•	•	•
Terminal housing cover	•	•	•	•	•
Clamp connector for Cu conductors		•	•	•	•
Prism terminal for Cu/Al conductors		•	•	•	•
Prism terminal for 2 conductors CU/AL			•	•	•
Box terminal	•	•	•	•	•
Position indicating	•	•	•	•	•
Electronic fuse monitoring	•	•	•	•	•
Electro-mechanical fuse monitoring		•	•	•	•
Locking window	•	•	•	•	•
Horizontal installation	•	•	•	•	•

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

For NH Fuse-Links acc. to VDE 0636 T2	Size	000	00	1	2	3
Rated operational current $I_e$	A	100	160	250	400	630
Conventional free air thermic current $I_{th}$	A	100	160	250	400	630
Rated operational voltage $U_e$	V	690				
Rated insulation voltage $U_i$	V	1000				
Rated impuls withstand voltage $U_{imp}$	kV	6	8			
Rated conditional short circuit current (when protected by NH Fuse-Links)	kA	80	80	80	50	80
Utilization category VDE 0660 T107/EN/IEC 60947-3	$U_e = 400$ V AC $U_e = 690$ V AC $U_e = 220$ V DC $U_e = 440$ V DC	AC-23B AC-21B on demand DC-22B <sup>1)</sup>	AC-23B AC-21B DC-22B on demand	AC-23B AC-22B DC-21B	AC-23B AC-22B DC-21B	AC-23B AC-22B DC-21B
Mechanical durability	Cycles	2000	1600	1600	1000	1000
Permissible ambient temperature	-25°C up to +55°C					
Degree of protection DIN/EN 60529/VDE 0470 T1	IP 3X					
Maximum power dissipation of the NH Fuse-Links	W	7,5	12	23	34	48
Weight without NH Fuse-Links	kg	0,54	0,84	2,2	3,6	4,1

**Conductor types and -sizes**

Type of Terminal	Conductor Type		NH 000	NH 00	NH 1	NH 2	NH 3	Size
Multiple use terminal (screw terminal)			-	M8	M10	M10	M10	
Pressure plates with screws	CU	re	-	6-50	70-150	-	-	mm <sup>2</sup>
		rm/sm	-	6-25	6- 50	6-70	6-70	
Pressure plate with screws and contact prism	CU	re/rm/	-	6-70	70-150	120-240	150-300	mm <sup>2</sup>
	AL	se/sm	-	-	-	-	-	
Pressure plate with screws and contact prism for two conductors	CU	rm/se/	-	-	2x35-70	2x70-120	2x150	mm <sup>2</sup>
	AL	sm	-	-	-	-	-	
Box terminal	CU	rm/re	2,5-50	2,5-95	35-150	95-300	95-300	mm <sup>2</sup>
		se/sm	-	-	50-150	120-300	120-300	
	AL	rm/re	-	-	35-150	95-300	95-300	
		se/sm	-	-	50-150	120-300	120-300	
Triple terminal	CU	re	-	1,5-10	-	-	-	mm <sup>2</sup>
		rm	-	10-16	-	-	-	
Flat conductor					1 x20	8 x32	8 x32	
					15x20	20x32	20x32	

**Tightening torques for terminal and busbar mounting**

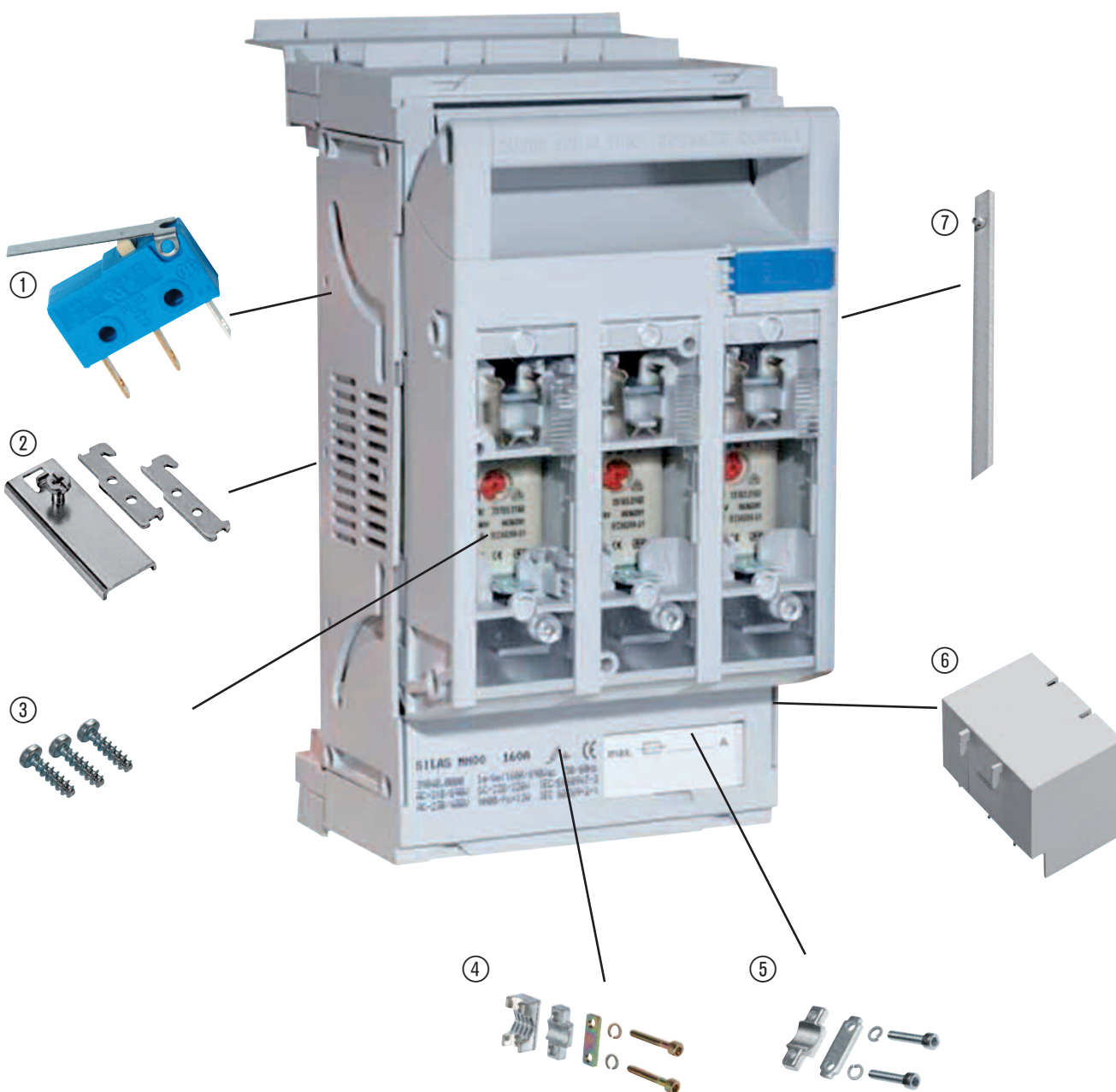
Size	NH 000	NH 00	NH 1	NH 2	NH 3
Type of Terminal	Tightening torques Nm				
Multiple use terminal (screw terminal)	-	12	20	20	20
Pressure plates with screws	-	3	6	8	8
Pressure plate with screws and contact prism	-	3	6	8	8
Busbar contacting	4,5	6	6	8	8
Box terminal	4,5	4,5	12	20	20

**Connection of two cable lugs**

Size	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>
00	2 x	2 x	2 x	2 x							
1	2 x	2 x	2 x	2 x	2 x	2 x	2 x	2 x	2 x		
2								2 x	2 x	2 x	2 x
3								2 x	2 x	2 x	2 x

For verification of this table, cable lugs according to DIN 46235 were used. Other common cable lugs may have different dimensions, but are most likely connectable.

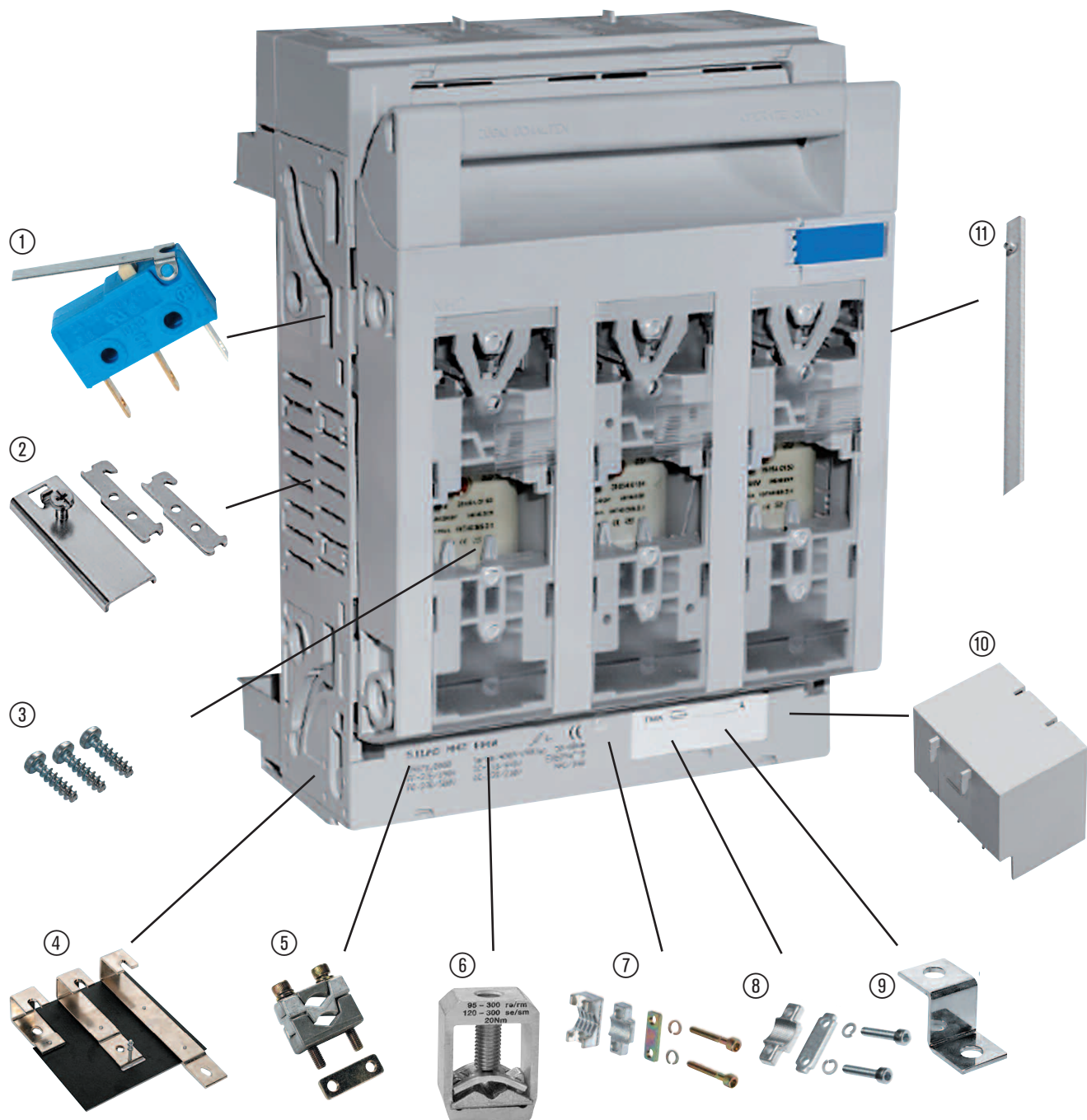
Accessories for the size 000 and 00



NT-SILAS

- ① 36959-0060 micro switch
- ② 36937-0010 quick fixing set
- ③ 36969-0010 protection vs. power theft
- ④ 36975-0010 contact prism for multiple use terminal 6-70 mm<sup>2</sup>
- ⑤ 36934-0010 pressure plates for Cu conductors, se, sm and laminated cooper 6-70 mm<sup>2</sup>
- ⑥ 36954-0010 terminal cover
- ⑦ 36962-0010 support profile

### Accessories for size 1 - 3



- ① 36959-0060 micro switch
- ② 36937-0010 quick fixing set
- ③ 36969-0010 protection vs. power theft
- ④ 36985-0010 busbar adapter
- ⑤ 36982-0010 contact prism for two copper and aluminium conductors 2 x 35-70 mm<sup>2</sup>
- ⑥ 36992-0010 box terminal 35-150 mm<sup>2</sup>
- ⑦ 36942-0010 contact prism for multiple use terminal 70-150 mm<sup>2</sup>
- ⑧ 36936-0010 pressure plates for Cu conductors, se, sm and laminated cooper 70-150 mm<sup>2</sup>
- ⑨ 36988-0010 terminal extension
- ⑩ 36954-0010 terminal cover
- ⑪ 36962-0010 support profile

**Electronic Fuse-Monitoring**

- Indication of fault-free operation by green LED
- Fault-indication by red LED
- No auxiliary power supply required
- Remote indication via 4-pole plug by 1 n/o and one n/c switch
- Monitoring of all fuses; red LED flashes in case of failure
- Automatic reset after replacement of defective fuse(s)
- Independent of supply side

Technical details	
Rated operational voltage $U_e$	AC 400 V – AC 500 V 50/60 Hz / DC 220 V
Rated insulation voltage $U_i$	1000 V
Rated impuls withstand voltage $U_{imp}$	8 kV
Rated conditional short circuit current (with protection by NH-fuses)	50 kA
Permissible ambient temperatur	-20 up to +55 °C
Rated frequency	1 - 1,5 s
Delay time	voltage drop
Function	Operation voltage indication: green LED flashing Fuse-Link released: red LED flashing
Display elements	Relais with opening and making contact. Secure isolation from supply acc. EN 50178
Alarm output	AC 250 V/DC 30 V max. 5 A

**Mechanical fuse monitoring with circuit breaker**

- Indication: „I“ position – ready for operation  
„0“ position – fault-function
- Remote indication via 4-pole connector by 1 n/o and one n/c switch
- No auxiliary power supply required
- Monitoring of status of all fuses

Technical details				
Rated operational voltage $U_e$	AC 24 V–AC 690 V / 50/60 Hz / DC 24 V – DC 250 V			
Rated insulation voltage $U_i$	690 V			
Rated impuls withstand voltage $U_{imp}$	6 kV			
Rated conditional short circuit current (with protection by NH-fuses)	50 kA			
Permissible ambient temperatur	-20 up to +55 °C			
Delay time	< 0,5 s			
Function	up 25 V voltage drop			
Display elements	Ready for operation: handle display “I”, Fault message: handle display “0”			
Alarm output	Auxiliary switch 1 opening + 1 making contact			
Rated voltage	AC 24 V	AC 230 V	DC 24 V	DC 60 V
Rated current	2A	0,5A	1A	0,15A

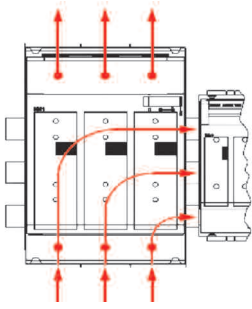
The feeder fuse switch SILAS has additional terminals.  
Therefore you can feeder a busbar system 60 mm and additional fuse outlets.

- cost-efficient
- space-saving
- direct assembly on busbars without drilling
- Size 1 and 2 for 60 mm busbar-systems

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
screw terminal M10	1	250	39086-0000	SILAS SE NH1 60 EB70 U2U2	1	2,3
screw terminal M10	2	400	39087-0000	SILAS SE NH2 60 EB70 U2U2	1	3,6

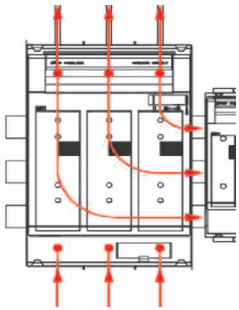
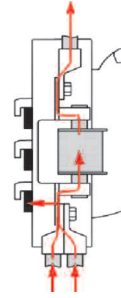
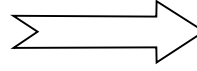
busbar feeder

Additional fuse outlets



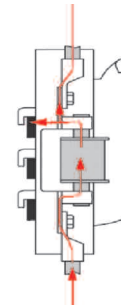
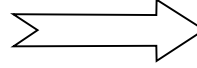
**Feeder without NH Fuse-Links**

250 A SILAS 1  
400 A SILAS 2  
Feeder  
max. 500 A SILAS 1  
max. 800 A SILAS 2



**Feeder without NH Fuse-Links**

125 A SILAS 1  
200 A SILAS 2  
Feeder  
max. 250 A SILAS 1  
max. 400 A SILAS 2



NT-SILAS



for baseplate mounting

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup>	000	100 A	34040-0007	SILAS NH000 R4R4	1	0,4
Multiple use terminal (screw M8)	00	160 A	34077-0000	SILAS NH00 U5U5	1	0,6
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	34076-0000	SILAS NH00 R5R5	1	0,6
Multiple use terminal (screw M10)	1	250 A	34170-0000	SILAS NH1 U2U2	1	2,0
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	34175-0000	SILAS NH1 RR	1	2,2
Multiple use terminal (screw M10)	2	400 A	34270-0000	SILAS NH2 U2U2	1	3,0
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	34275-0000	SILAS NH2 RR	1	3,6
Multiple use terminal (screw M10)	3	630 A	34370-0000	SILAS NH3 U2U2	1	3,5
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	34375-0000	SILAS NH3 RR	1	4,0

for baseplate mounting with electronic fuse monitoring up to 500 V AC

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup>	000	100 A	34040-0137	SILAS NH000 ESF MA R4R4	1	0,5
Multiple use terminal (screw M8)	00	160 A	34077-0130	SILAS NH00 ESF MA U5U5	1	0,7
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	34076-0130	SILAS NH00 ESF MA R5R5	1	0,7
Multiple use terminal (screw M10)	1	250 A	34170-0130	SILAS NH1 ESF MA U2U2	1	2,1
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	34175-0130	SILAS NH1 ESF MA RR	1	2,2
Multiple use terminal (screw M10)	2	400 A	34270-0130	SILAS NH2 ESF MA U2U2	1	3,1
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	34275-0130	SILAS NH2 ESF MA RR	1	3,7
Multiple use terminal (screw M10)	3	630 A	34370-0130	SILAS NH3 ESF MA U2U2	1	3,6
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	34375-0130	SILAS NH3 ESF MA RR	1	4,1

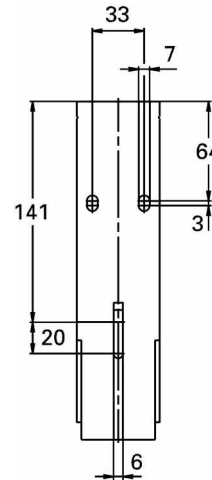
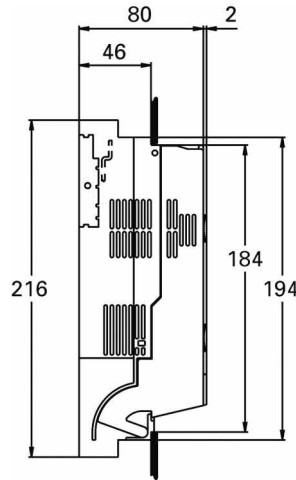
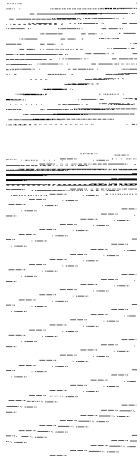
Dimension drawings of fuse monitoring on page 153

for baseplate mounting with electro-mechanical fuse monitoring up to 690 V

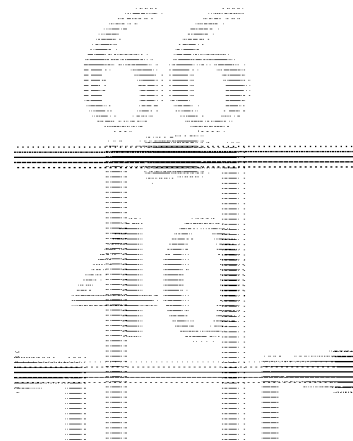
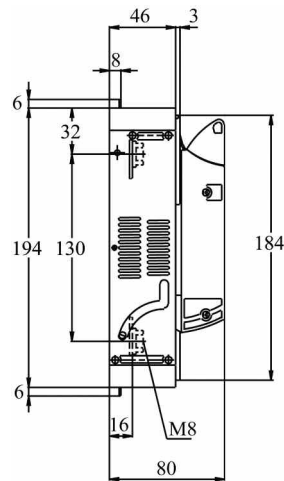
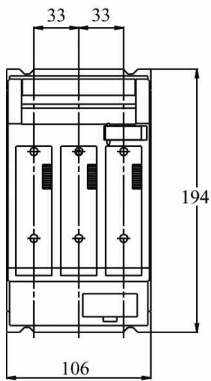
Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
Multiple use terminal (screw M8)	00	160 A	34077-0030	SILAS NH00 SN U5U5	1	1,0
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	34076-0030	SILAS NH00 SN R5R5	1	1,0
Multiple use terminal (screw M10)	1	250 A	34170-0030	SILAS NH1 SN U2U2	1	2,4
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	34175-0030	SILAS NH1 SN RR	1	2,6
Multiple use terminal (screw M10)	2	400 A	34270-0030	SILAS NH2 SN U2U2	1	3,4
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	34275-0030	SILAS NH2 SN RR	1	4,0
Multiple use terminal (screw M10)	3	630 A	34370-0030	SILAS NH3 SN U5U5	1	3,9
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	34375-0030	SILAS NH3 SN RR	1	4,4

Dimension drawings of fuse monitoring on page 153

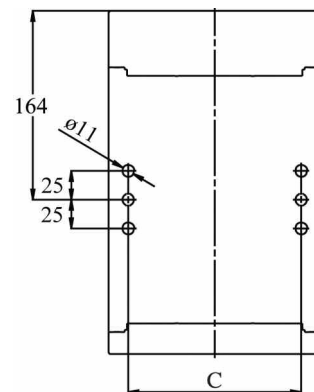
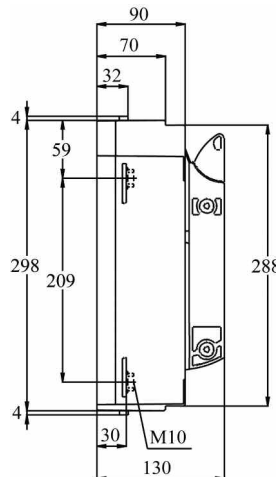
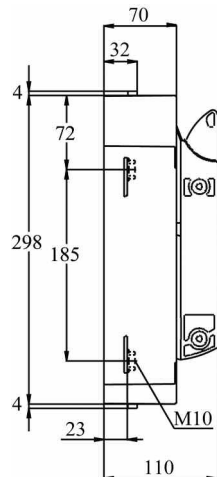
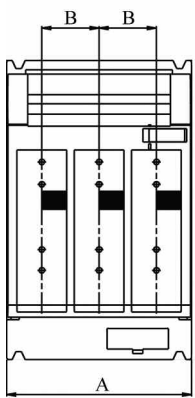
**Dimensions drawings**  
Size 000



**Dimensions drawings**  
Size 00



**Dimensions drawings**  
Size 1-3



Size	A	B	C
1	184	57	150
2	210	65	166
3	250	80	195

Size 1

Size 2-3

for busbar system 40/12 acc. DIN 43870

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup> Branch bottom	000	100 A	39000-0007	SILAS SB NH000 40 AU R4	1	0,5
Multiple use terminal (screw M8)	00	160 A	39021-0000	SILAS SB NH00 40 EB70 U5	1	0,7
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	39020-0000	SILAS SB NH00 40 EB70 R5	1	0,7
Multiple use terminal (screw M10)	1	250 A	39060-0000	SILAS SB NH1 40 EB70 U2	1	2,1
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39061-0000	SILAS SB NH1 40 EB70 R	1	2,3
Multiple use terminal (screw M10)	2	400 A	39078-0000	SILAS SB NH2 40 EB70 AO U2	1	3,3
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39079-0000	SILAS SB NH2 40 EB70 AO R	1	3,6

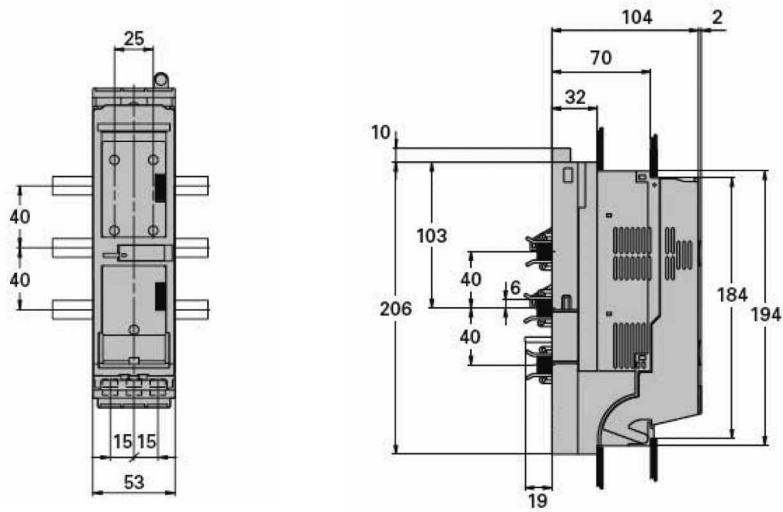
for busbar system 40/12 acc. DIN 43870 with electronic fuse monitoring up to 500 V AC

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup> Branch bottom	000	100 A	39000-0137	SILAS SB NH000 40 ESF MA AU R4	1	0,6
Multiple use terminal (screw M8)	00	160 A	39021-0130	SILAS SB NH00 40 EB70 ESF MA U5	1	0,9
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	39020-0130	SILAS SB NH00 40 EB70 ESF MA R5	1	0,9
Multiple use terminal (screw M10)	1	250 A	39060-0130	SILAS SB NH1 40 EB70 ESF MA U2	1	2,3
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39061-0130	SILAS SB NH1 40 EB70 ESF MA R	1	2,3
Multiple use terminal (screw M10)	2	400 A	39078-0130	SILAS SB NH2 40 EB70 ESF MA AO U2	1	3,3
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39079-0130	SILAS SB NH2 40 EB70 ESF MA AO R	1	3,6

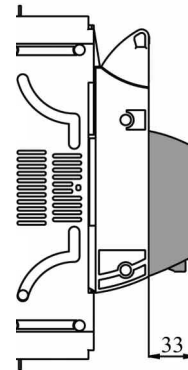
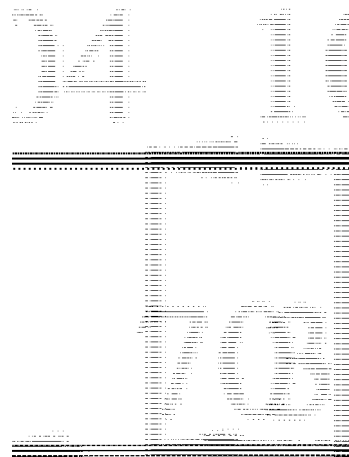
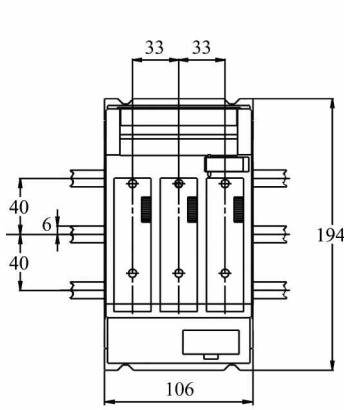
for busbar system 40/12 acc. DIN 43870 with electro-mechanical fuse monitoring up to 690 V

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
Multiple use terminal (screw M8)	00	160 A	39021-0030	SILAS SB NH00 40 EB70 SN U5	1	1,2
with Box terminal rm/re 95 mm <sup>2</sup>	00	160 A	39020-0030	SILAS SB NH00 40 EB70 SN R5	1	1,2
Multiple use terminal (screw M10)	1	250 A	39060-0030	SILAS SB NH1 40 EB70 SN U2	1	2,6
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39061-0030	SILAS SB NH1 40 EB70 SN R	1	2,6
Multiple use terminal (screw M10)	2	400 A	39078-0030	SILAS SB NH2 40 EB70 SN AO U2	1	3,6
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39079-0030	SILAS SB NH2 40 EB70 SN AO R	1	3,9

Dimension drawings  
Size 000

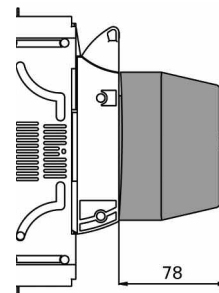
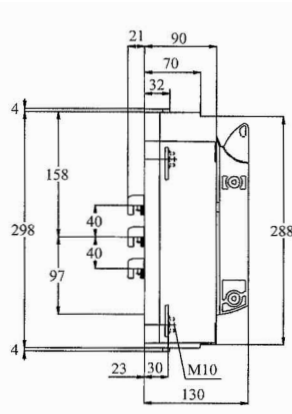
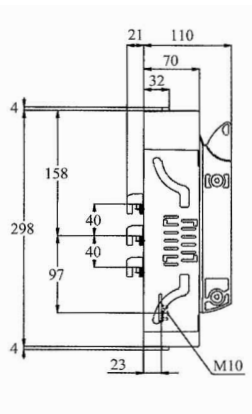
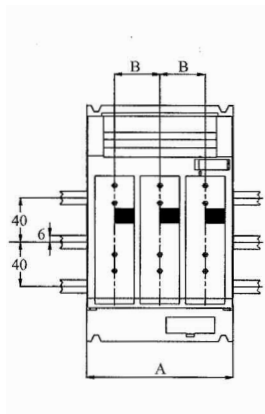


Dimension drawings  
Size 00



Electronic fuse monitoring

Dimension drawings  
Size. 1-3



Electro-mechanical fuse monitoring

Size	A	B
1	184	57
2	210	65
3	250	80

Size 1

Size 2/3

for busbar system 60 mm

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup> Branch bottom	000	100 A	39010-0007	SILAS SB NH000 60 AU R4	1	0,5
with Box terminal rm/re 50 mm <sup>2</sup> Branch top	000	100 A	39011-0007	SILAS SB NH000 60 AO R4	1	0,5
Multiple use terminal (screw M8)	00	160 A	39052-0000	SILAS SB NH00 60 EB70 U5	1	0,8
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 32 mm	00	160 A	39040-0000	SILAS SB NH00 60 EB32 R5	1	0,8
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 70 mm	00	160 A	39050-0000	SILAS SB NH00 60 EB70 R5	1	0,8
Multiple use terminal (screw M10)	1	250 A	39064-0000	SILAS SB NH1 60 EB70 U2	1	2,2
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39068-0000	SILAS SB NH1 60 EB70 R	1	2,2
Multiple use terminal (screw M10)	2	400 A	39070-0000	SILAS SB NH2 60 EB70 U2	1	3,2
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39074-0000	SILAS SB NH2 60 EB70 R	1	3,5
Multiple use terminal (screw M10)	3	630 A	39080-0000	SILAS SB NH3 60 EB70 U2	1	3,9
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	39084-0000	SILAS SB NH3 60 EB70 R	1	4,1

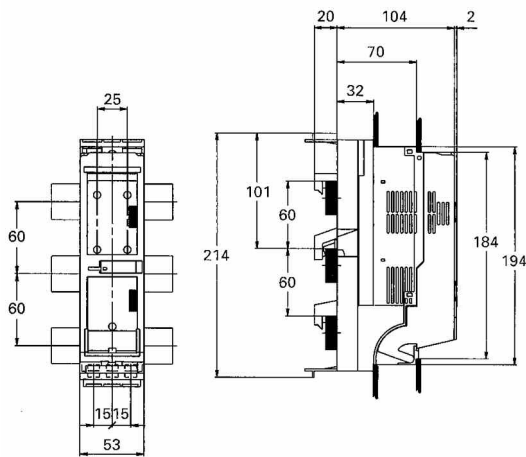
for busbar system 60 mm with electronic fuse monitoring up to 500 V AC

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
with Box terminal rm/re 50 mm <sup>2</sup> Branch bottom	000	100 A	39010-0137	SILAS SB NH000 60 MA AU R4	1	0,6
with Box terminal rm/re 50 mm <sup>2</sup> Branch top	000	100 A	39011-0137	SILAS SB NH000 60 MA AO R4	1	0,6
Multiple use terminal (screw M8)	00	160 A	39052-0130	SILAS SB NH00 60 EB70 ESF MA U5	1	0,9
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 70 mm	00	160 A	39040-0130	SILAS SB NH00 60 EB32 ESF MA R5	1	0,9
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 70 mm	00	160 A	39050-0130	SILAS SB NH00 60 EB70 ESF MA R5	1	0,9
Multiple use terminal (screw M10)	1	250 A	39064-0130	SILAS SB NH1 EB70 ESF70 MA U2	1	2,3
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39068-0130	SILAS SB NH1 60 EB70 ESF MA R	1	2,3
Multiple use terminal (screw M10)	2	400 A	39070-0130	SILAS SB NH2 60 EB70 ESF MA U2	1	3,3
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39074-0130	SILAS SB NH2 60 EB70 ESF MA R	1	3,6
Multiple use terminal (screw M10)	3	630 A	39080-0130	SILAS SB NH3 60 EB70 ESF MA U2	1	4,0
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	39084-0130	SILAS SB NH3 60 EB70 ESF MA R	1	4,1

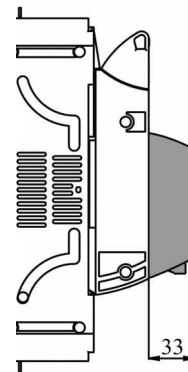
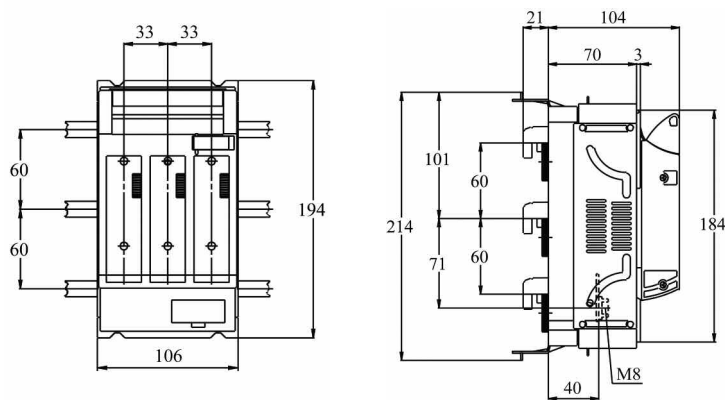
for busbar system 60 mm with electro-mechanical fuse monitoring up to 690 V

Description	Size	Amps I <sub>n</sub>	Order no.	Description	Pack	Weight in kg
Multiple use terminal (screw M8)	00	160 A	39052-0030	SILAS SB NH00 60 EB70 SN U5	1	1,2
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 32 mm	00	160 A	39040-0030	SILAS SB NH00 60 EB32 SN R5	1	1,2
with Box terminal rm/re 95 mm <sup>2</sup> install. depth 70 mm	00	160 A	39050-0030	SILAS SB NH00 60 EB70 SN R5	1	1,2
Multiple use terminal (screw M10)	1	250 A	39064-0030	SILAS SB NH1 60 EB70 SN U2	1	2,6
with Box terminal rm/re 150 mm <sup>2</sup>	1	250 A	39068-0030	SILAS SB NH1 60 EB70 SN R	1	2,6
Multiple use terminal (screw M10)	2	400 A	39070-0030	SILAS SB NH2 60 EB70 SN U2	1	3,6
with Box terminal rm/re 300 mm <sup>2</sup>	2	400 A	39074-0030	SILAS SB NH2 60 EB70 SN R	1	3,9
Multiple use terminal (screw M10)	3	630 A	39080-0030	SILAS SB NH3 60 EB70 SN U2	1	4,3
with Box terminal rm/re 300 mm <sup>2</sup>	3	630 A	39084-0030	SILAS SB NH3 60 EB70 SN R	1	4,5

**Dimension drawings  
Size 000**

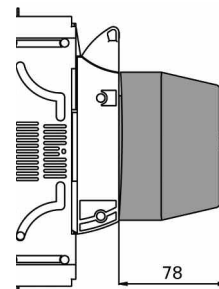
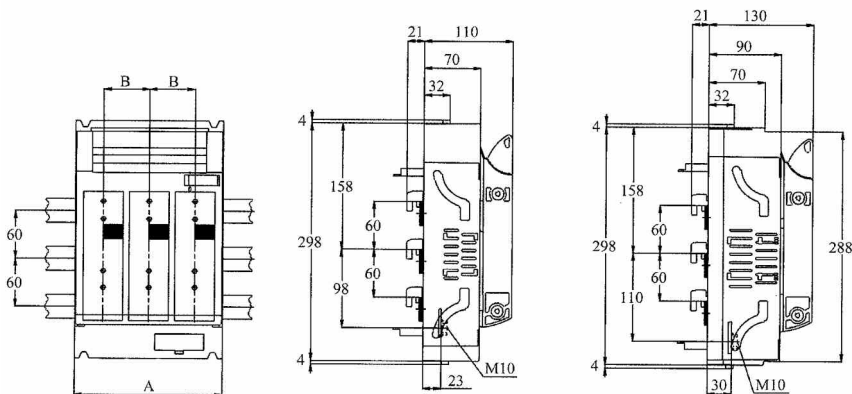


**Dimension drawings  
Size 00**



Electronic fuse monitoring

**Dimension drawings  
Size 1-3**



Electro-mechanical fuse monitoring

Size	A	B
1	184	57
2	210	65
3	250	80

Size 1

Size 2/3

## Feeder busbar for Silas Size 000 and 00 Accessories

## Technical data

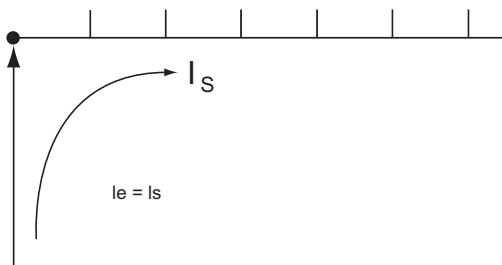
Technical data acc. to DIN EN 60947-1 VDE 0660 T100 / IEC 60947-1:2004

<b>Description</b>		
<b>Materials</b>	Bus bar	E – Cu 58 F25
	Insulation	PC/ABS extruding - light gray RAL 7035
	Endcap	PC/ABS injected - light gray RAL 7035
	protection cover	PA66 V0 injected - light gray RAL 7035
<b>Temperature range</b>	PC / ABS extruding	VST B 120 – ISO 306 = 113°C-UL94-VO/1,5
	PC / ABS injected	VST B 120 – ISO 306 = 138°C – UL94-V01,6
<b>Isolation coordination</b>	over voltage category III / corrosion grad 2	
<b>Electric strength</b>	PC / ABS	> 32 kV / mm
<b>Impulse withstand voltage</b>	>=/ > 6,0kV (1kV/mmLS)	
<b>Minimum aerial distance</b>	> 8 mm	
<b>Minimum creeping distance</b>	> 8,5 mm	
<b>Maximum operating voltage</b>	690 V AC / 440 V DC	
<b>Nominal operating voltage</b>	415 V	
<b>Short circuit strength</b>	12,5 kA – 100 ms / 400 V	

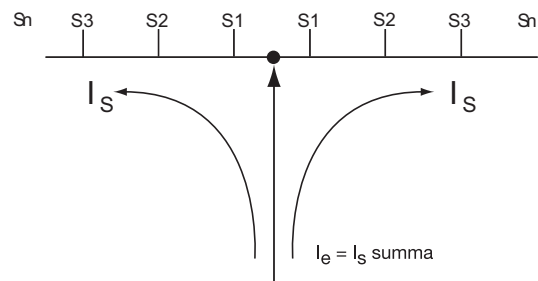
Capacity at 35 C° environmental temperature into dependence of the one dish point

Technical data acc. to DIN EN 60947-1 VDE 0660 T100 / IEC 60947-1:2004

Busbar block length (m)	Max. 1	Max. 0,3
Busbar cross section	35 mm <sup>2</sup>	35 mm <sup>2</sup>
Supply at the busbar start or end	125 A	200 A
Max. busbar current I <sub>S</sub> /Phase	35 mm <sup>2</sup>	2x35 mm <sup>2</sup>
Connecting cross section		
Other frequencies		
Max. busbar current I <sub>S</sub> /Phase	160 A	260 A
Connected cross section	2x35 mm <sup>2</sup>	95 mm <sup>2</sup>
Feeding busbar for size 000	-	2 - 5
Feeding busbar for size 00	4 - 5 fold	2 - 3



connection at fuse rail start or end



other connections

pay attention when using mid incoming feeder that the total sum of the outgoing feeder S1.....S<sub>n</sub> for each busbar section is not larger than the above mentioned busbar current I<sub>S</sub>/Phase