## MH (HRC) fuse loadbreak-disconnectors size 000 (100 A), for surface mounting, series ARROW II



#### Schrack-Info

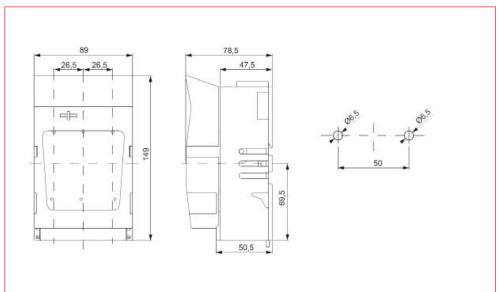
- NH-fuse loadbreak-disconnectors according IEC/EN 60947-3, VDE 0660/107
- For fixes Installation
- Halogen-free, non-flammable plastics
- Degree of protection IP20, on front, closed device
- Degree of protection IP10, open front cover

ISA05011

### Technical Data

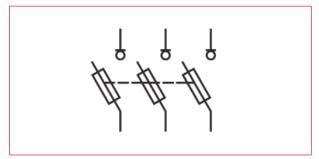
| Туре   | ISA05011                                 |
|--|--|
| Size   | NH000                                    |
| Poles  | 3  |
| Applicable for fuse-links                        | NH000                                    |
| Type of installation                             | Baseplate mounting                       |
|  | DIN-rail mounting                        |
| Switching mode                                   | 3pole switchable                         |
| Rated operating voltage                          | 690V                                     |
| Rated operating current                          | 160A                                     |
| Conv. free air thermal current with fuse-links   | 160A                                     |
| Conv. free air thermal current with solid links  | 210A                                     |
| Rated impulse voltage                            | 8kV                                      |
| Rated isolation voltage                          | 800V                                     |
| Rated frequency                                  | 40 - 60Hz                                |
| Total power loss at Ith (without fuse-link)      | 7W                                       |
| Utilisation category                             | AC-21B (690V/100A)                       |
|  | AC-22B (400V/160A)                       |
|  | AC-22B (500V/100A)                       |
|  | DC-22B (220V/100A)                       |
| Rated conditional short-circuit current          | 50kA (AC 500V)                           |
| Max. permissible power dissipation per fuse-link | 9W                                       |
| Ambient temperature                              | -25 up to +55°C                          |
| Ambient temperature                              | >35°C derating of rated current required |
| Type of Actuation                                | Dependent manual operation               |
| Mounting position                                | vertical / horizontal                    |
| Pollution degree                                 | 3  |
| Overvoltage category                             |  |
| Electrical endurance (switching cycles)          | 200                                      |
| Mechanical endurance (switching cycles)          | 1400                                     |
| Degree of protection                             | IP20                                     |
| Cable terminal                                   | Flat terminal M8                         |

### Dimensioned drawing



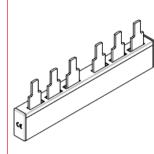


- MH (HRC) fuse loadbreak-disconnectors size 000 (100 A), for surface mounting, series ARROW II
- ISA05011 Wiring diagram



| DESCRIPTION   | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Size C 00 with mounting clip for Din-rail                 |           | ISA05011  |
| HRC-fuse-switch size C 00 with mounting clip for Din-rail | 000 000   | 1\$505011 |

### Accessories for ARROW II, size 000





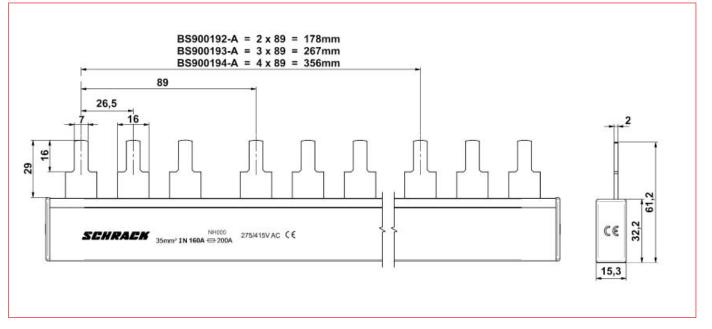
### Schrack-Info

Busbars for comfortable and easy wiring of NH-fuse-loadbreakdisconnectors size 000 series ARROW II



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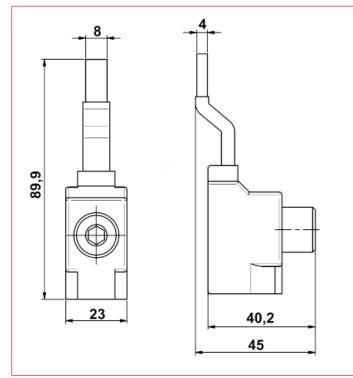
### BS900192-A, BS900193-A, BS900194-A Dimensions





## Accessories for ARROW II, size 000

### BS900191-A Dimensions



| DESCRIPTION   | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Busbar 2xC00 3P fuse switch                                       | 388 0-0   | BS900192-A |
| Busbar 3xC00 3P fuse switch                                       |           | BS900193-A |
| Busbar 4xC00 3P fuse switch                                       |           | BS900194-A |
| Terminal 95mm <sup>2</sup> for busbar C00                         |           | BS900191-A |
| Input-terminals for HRC-fuse-switch size C00 25-95mm <sup>2</sup> |           | ISA05013   |



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MH (HRC) fuse loadbreak-disconnectors size 1 (160 A), for surface mounting, series ARROW II



ISA05222

| ISA05222   |  |           |
|--|--|-----------|
| Size   | NH00                                     |           |
| Poles  | 1  |           |
| Applicable for fuse-links                        | NH000 and NH00                           |           |
| Type of installation                             | Baseplate mounting                       |           |
| Switching mode                                   | 1, 3, or 4-pole switchable               |           |
| Rated operating voltage                          | 690V                                     |           |
| Rated operating current                          | 160A                                     |           |
| Conv. free air thermal current with fuse-links   | 160A                                     |           |
| Conv. free air thermal current with solid links  | 210A                                     |           |
| Rated impulse voltage                            | 8kV                                      |           |
| Rated isolation voltage                          | 800V                                     |           |
| Rated frequency                                  | 40 - 60Hz                                |           |
| Utilisation category                             | AC-22B (500V/160A)                       |           |
|  | AC-22B (690V/100A)                       |           |
|  | DC-21B (440V/100A)                       |           |
|  | DC-22B (220V/160A)                       |           |
| Rated conditional short-circuit current          | 50 (AC 500V)(kA)                         |           |
| Max. permissible power dissipation per fuse-link | 12W                                      |           |
| Ambient temperature                              | -25 up to +55°C                          |           |
| Ambient temperature                              | <35°C derating of rated current required |           |
| Type of Actuation                                | Dependent manual operation               |           |
| Mounting position                                | vertical / horizontal                    |           |
| Altitude   | 2000m                                    |           |
| Pollution degree                                 | 3  |           |
| Overvoltage category                             |  |           |
| Electrical endurance (switching cycles)          | 200                                      |           |
| Mechanical endurance (switching cycles)          | 1400                                     |           |
| Degree of protection                             | IP20                                     |           |
| Cable terminal                                   | Flat terminal M8                         |           |
| DESCRIPTION                                      | AVAILABLE                                | ORDER NO. |
| Size 00, 1-pole, 160A, M8                        | 855 <b>6 8</b>                           | ISA05224  |
| Size 00, 3-pole, 160A, clamp, with window lock   |  | ISA05221F |
| Size 00, 3-pole, 160A, M8, with window lock      |  | ISA05222F |
| Size 00, 4-pole, 160A, M8                        |  | ISA05225  |
| Single clamp strap size 00                       |  | ISA05300  |
| Prism clamp 1,5-70mm <sup>2</sup> for size 00    |  | ISA05335  |
| DIN rail fixing parts for ARROW BLOC size 00     |  | ISA05194  |
|  |  |           |





## MH (HRC) fuse loadbreak-disconnectors size 00 (160 A), for surface mounting, series ARROW BLUE



#### Schrack-Info

- Integrated infringe-protection side and top •
- Contactless fuse take out •
- Closing part sealable and lockable •
- Park position for closing part .
- Patented voltage measuring slots, tool-bound open, without tools close •

ISA05221-A

| Standard   | IEC/DIN/EN 60947-3 / VDE 0660-107               |
|--|---|
| For LV HRC fuse-links acc. to DIN VDE 0636-2                                 | Size 000/00                                     |
| Rated operational voltage U  | 690VAC / 440V-DC                                |
| Rated operational current <sup>1)</sup> I                                    | 160 A   |
| Conv. free air thermal current with fuse-links <sup>1)</sup> I <sub>th</sub> | 160 A   |
| Conv. free air thermal current with solid-links <sup>1)</sup> I              | 210 A   |
| Rated frequency f  | 40 - 60 Hz                                      |
| Rated insulation voltage U   | 800 V - AC                                      |
| Total power loss at Ith (without fuse-links) P <sub>v</sub>                  | 9 W   |
| Rated impulse withstand voltage U  | 8 kV  |
| Utilisation category <sup>2)</sup>   | AC-23B (400V/160A) <sup>2a)</sup>               |
|  | AC-22B (500V/160A) 2a)                          |
|  | AC-21B (690V/160A) 20)                          |
|  | DC-22B (250V/160A) <sup>2a)</sup>               |
|  | DC-21B (440V/160A) <sup>2a)</sup>               |
| Rated conditional short-circuit current <sup>2) 3)</sup>                     | 120 kA (500V) <sup>20</sup>                     |
|  | 100 (690V) <sup>20)</sup>                       |
| Rated short–time withstand current I   | 7 kA (1s)                                       |
| Max. permis. power loss per fuse-link P                                      | 12 W  |
| Degree of protection, front side   | Operating condition IP20                        |
|  | With clamp- and lateral cover IP20XC            |
|  | switching element open IP10                     |
| Ambient temperature 4) Tamb  | -25 up to +55 °C                                |
| Rated operating mode   | Uninterrupted duty                              |
| Actuation  | dependent manual operation                      |
| Mounting position  | vertical / horizontal                           |
| Altitude   | up to 2000 m                                    |
| Pollution degree   | 3   |
| Overvoltage category   |   |
| Cable terminal   | Flat terminal, Bolt diameter M8                 |
|  | Tightening torque 12-15Nm                       |
| Clip terminal, Clamping cross-section  | conductor round 1,5 - 70 mm <sup>2</sup> copper |
|  | busbar 6 x 9 x 0,8                              |
|  | Tightening torque 2,6Nm                         |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

<sup>2)</sup> It must be considered a minimum distance to earthed, conductive parts:

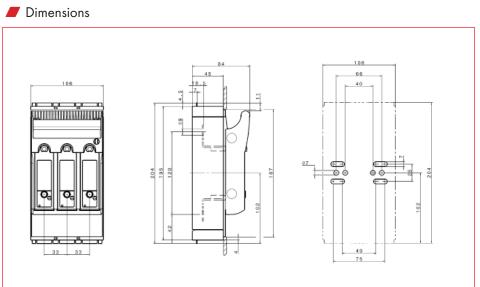
<sup>2a)</sup> Lateral: 20mm / Above: 50mm / Behind: 0mm

<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

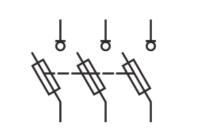
<sup>4)</sup> 35°C Normal temperature, at 55°C with reduced operating current



MH (HRC) fuse loadbreak-disconnectors size 00 (160 A), for surface mounting, series ARROW BLUE



### ISA05221-A, ISA05222-A

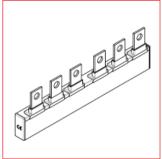


| DESCRIPTION                                   | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Size 00, 3-pole, 160A, M8                     | 000 - 0-  | ISA05222-A |
| Size 00, 3-pole, 160A, clamp                  |           | ISA05221-A |
| Single clamp strap size 00                    |           | ISA05300   |
| Prism clamp 1,5-70mm <sup>2</sup> for size 00 | 000 000   | ISA05335   |







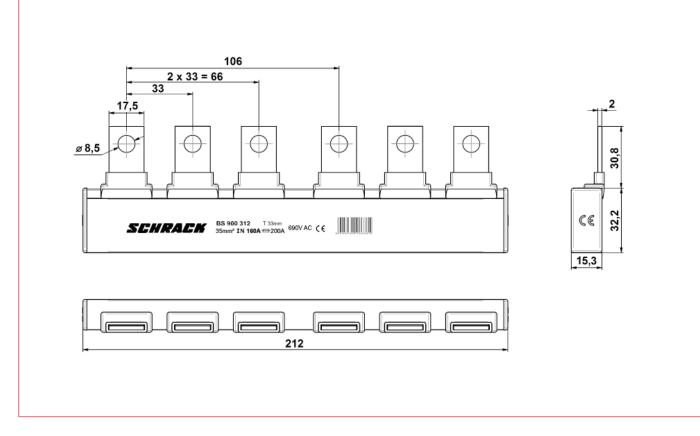


# Schrack-Info

Busbars for comfortable and easy wiring of NH-fuse-loadbreak-disconnectors size 00 series ARROW BLUE

BS900312

Dimensions

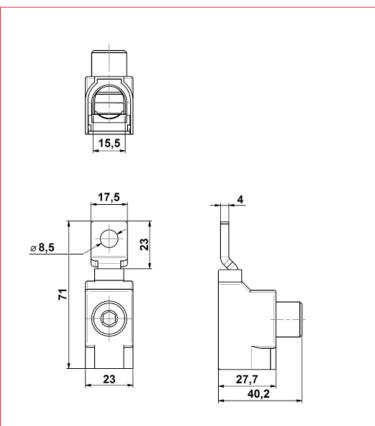




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- Busbars for ARROW BLUE, size 00
- Dimensions



| DESCRIPTION                  | AVAILABLE | ORDER NO. |
|------------------------------|-----------|-----------|
| Busbar 2x00 3P fuse switch   |           | BS900312  |
| Busbar 3x00 3P fuse switch   |           | BS900313  |
| Busbar 4x00 3P fuse switch   |           | BS900314  |
| Terminal 95mm² for busbar 00 |           | BS900311  |





# NH (HRC) fuse loadbreak-disconnectors size 1 (250 A), for surface mounting, series ARROW II



#### Schrack-Info

- NH-fuse loadbreak-disconnectors according IEC/EN 60947-3, VDE 0660/107
- For fixes Installation
- Halogen-free, non-flammable plastics
- Degree of protection IP20, on front, closed device
- Degree of protection IP10, open front cover

ISA05226

### Technical data

| Poles         Applicable for fuse-links         Type of installation         Switching mode         Rated operating voltage         Rated operating current         Conv. free air thermal current with fuse-links | 1-, 3- or 4-pole<br>NH1<br>Baseplate mounting<br>3pole switchable<br>690V<br>250A<br>250A<br>250A<br>325A<br>8kV |           |
|--|--|-----------|
| Type of installation Switching mode Rated operating voltage Rated operating current Conv. free air thermal current with fuse-links   | NH1<br>Baseplate mounting<br>3pole switchable<br>690V<br>250A<br>250A<br>325A                                    |           |
| Switching mode     Rated operating voltage       Rated operating current     Conv. free air thermal current with fuse-links  | 3pole switchable           690V           250A           250A           325A                                     |           |
| Rated operating voltage       Rated operating current       Conv. free air thermal current with fuse-links   | 690V<br>250A<br>250A<br>325A   |           |
| Rated operating current           Conv. free air thermal current with fuse-links   | 250A<br>250A<br>325A   |           |
| Conv. free air thermal current with fuse-links   | 250A<br>325A   |           |
|  | 325A   |           |
|  |  |           |
| Conv. free air thermal current with solid links  | 8kV  |           |
| Rated impulse voltage  |  |           |
| Rated isolation voltage  | 800V   |           |
| Rated frequency  | 40 - 60Hz  |           |
| Total power loss at Ith (without fuse-link)  | 13W  |           |
| Utilisation category   | AC-22B (500V/250A)   |           |
|  | AC-22B (690V/200A)   |           |
|  | DC-21B (440V/200A)   |           |
|  | DC-22B (220V/250A)   |           |
| Rated conditional short-circuit current  | 50 (AC 500V)(kA)   |           |
| Max. permissible power dissipation per fuse-link   | 23(W)  |           |
| Ambient temperature  | -25 up to +55°C  |           |
|  | (>35°C derating of rated current required)   |           |
| Type of Actuation  | Dependent manual operation   |           |
| Mounting position  | vertical / horizontal  |           |
| Altitude   | 2000m  |           |
| Pollution degree   | 3  |           |
| Overvoltage category   | III  |           |
| Electrical endurance (switching cycles)  | 200  |           |
| Mechanical endurance (switching cycles)  | 1400   |           |
| Degree of protection   | IP20   |           |
| Cable terminal   | Flat terminal M10  |           |
| Tightening torque  | 30-35Nm  |           |
| DESCRIPTION  | AVAILABLE  | ORDER NO. |
| Size 1, 1-pole, 250A, M10  | <u></u>  | ISA05227  |
| Size 1, 3-pole, 250A, M10  |  | ISA05226  |
| Size 1, 4-pole, 250A, M10  |  | ISA05229  |

Page 61 NH (HRC) fuse loadbreak-disconnectors size 1 (250 A), for surface mounting, series ARROW BLUE



### 🖉 Schrack-Info

- Integrated infringe-protection side and top
- Contactless fuse take out
- Closing part sealable and lockable
- Park position for closing part
- Patented voltage measuring slots, tool-bound open, without tools close

ISA05226-A

| Standard   | IEC/DIN/EN 60947-3                   |
|--|--------------------------------------|
| For LV HRC fuse-links acc. to DIN VDE 0636-2             | size 1                               |
| Rated operational voltage U                              | 690VAC / 440 V DC                    |
| Rated operational current <sup>1)</sup>                  | 250 A                                |
| Conv. free air thermal current with fuse-links 1) I      | 250 A                                |
| Rated frequency f  | 40 - 60 Hz                           |
| Rated insulation voltage U                               | 800 V AC                             |
| Total power loss at Ith (without fuse-links) P           | 22 W                                 |
| Rated impulse withstand voltage U <sub>imp</sub>         | 8 kV                                 |
| Utilisation category <sup>2)</sup>                       | AC-23B (400V/250A) <sup>2b)</sup>    |
|  | AC-22B (500V/250A) <sup>2b)</sup>    |
|  | AC-21B (690V/250A) <sup>2b)</sup>    |
| Rated conditional short-circuit current <sup>2) 3)</sup> | 120 kA (500V) <sup>2b)</sup>         |
|  | 100 (690V) <sup>2b)</sup>            |
| Rated short–time withstand current I <sub>cw</sub>       | 10 kA (1s)                           |
| Max. permis. power loss per fuse-link P                  | 23 W                                 |
| Degree of protection, front side                         | Operating condition IP20             |
|  | With clamp- and lateral cover IP20XC |
|  | switching element open IP10          |
| Ambient temperature 4) Tamb                              | -25 up to +55 °C                     |
| Rated operating mode                                     | Uninterrupted duty                   |
| Actuation  | dependent manual operation           |
| Mounting position  | vertical / horizontal                |
| Altitude   | up to 2000 m                         |
| Pollution degree   | 3                                    |
| Overvoltage category                                     | W                                    |
| Cable terminal   | Flat terminal, Bolt diameter M10     |
|  | Tightening torque 30-35Nm            |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

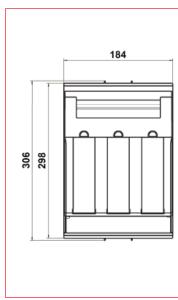
<sup>2)</sup> ...It must be considered a minimum distance to earthed, conductive parts:

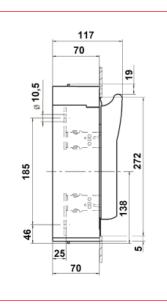
<sup>2b)</sup> Lateral: 20mm / Above: 50mm

<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

<sup>4)</sup> 35°C Normal temperature, at 55°C with reduced operating current

#### Dimensions

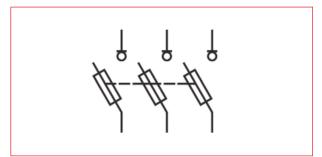






NH (HRC) fuse loadbreak-disconnectors size 1 (250 A), for surface mounting, series ARROW BLUE

ISA05226 Wiring diagram



| DESCRIPTION               | AVAILABLE | ORDER NO.  |
|---------------------------|-----------|------------|
| Size 1, 3-pole, 250A, M10 | 500 0-0   | ISA05226-A |

MH (HRC) fuse loadbreak-disconnectors size 2 (400 A), for surface mounting, series ARROW II



ISA05250

| Size   | NH2                                      |  |
|--|--|--|
| Poles  | 3  |  |
| Applicable for fuse-links                        | NH2                                      |  |
| Type of installation                             | Baseplate mounting                       |  |
| Switching mode                                   | 3pole switchable                         |  |
| Rated operating voltage                          | 690V                                     |  |
| Rated operating current                          | 400A                                     |  |
| Conv. free air thermal current with fuse-links   | 400A                                     |  |
| Conv. free air thermal current with solid links  | 520A                                     |  |
| Rated impulse voltage                            | 8kV                                      |  |
| Rated isolation voltage                          | 800V                                     |  |
| Rated frequency                                  | 40 - 60Hz                                |  |
| Total power loss at Ith (without fuse-link)      | 27W                                      |  |
| Utilisation category                             | AC-22B (500V/400A)                       |  |
|  | AC-22B (690V/315A)                       |  |
|  | DC-21B (440V/315A)                       |  |
|  | DC-22B (220V/400A)                       |  |
| Rated conditional short-circuit current          | 80 (AC 500V)(kA)                         |  |
| Max. permissible power dissipation per fuse-link | 34W                                      |  |
| Ambient temperature                              | -25 up to +55°C                          |  |
|  | >35°C derating of rated current required |  |
| Type of Actuation                                | Dependent manual operation               |  |
| Mounting position                                | vertical / horizontal                    |  |
| Altitude   | 2000m                                    |  |
| Pollution degree                                 | 3  |  |
| Overvoltage category                             |  |  |
| Electrical endurance (switching cycles)          | 200                                      |  |
| Mechanical endurance (switching cycles)          | 800                                      |  |
| Degree of protection                             | IP20                                     |  |
| Cable terminal                                   | Flat terminal M10                        |  |
| Cable lug (DIN 46 235)                           | 1 x 25-240mm <sup>2</sup>                |  |
| Tightening torque                                | 30-35Nm                                  |  |
| DESCRIPTION                                      | AVAILABLE ORDER NO.                      |  |
| Size 2, 3-pole, 400A, M10                        | ISA05250                                 |  |



Page 63 NH (HRC) fuse loadbreak-disconnectors size 2 (400 A), for surface mounting, series ARROW BLUE



#### Schrack-Info

- Integrated infringe-protection side and top
- Contactless fuse take out
- Closing part sealable and lockable
- Park position for closing part
- Patented voltage measuring slots, tool-bound open, without tools close

#### ISA05250-A

| Standard   | IEC/DIN/EN 60947-3                   |
|--|--------------------------------------|
| For LV HRC fuse-links acc. to DIN VDE 0636-2                                 | size 2                               |
| Rated operational voltage U  | 690VAC / 440V-DC                     |
| Rated operational current <sup>1)</sup>                                      | 400A                                 |
| Conv. free air thermal current with fuse-links <sup>1)</sup> I               | 400A                                 |
| Conv. free air thermal current with solid-links <sup>1)</sup> I <sub>4</sub> | 520A                                 |
| Rated frequency f  | 40-60Hz                              |
| Rated insulation voltage U   | 800V-AC                              |
| Total power loss at 1th (without fuse-links) P                               | 22W                                  |
| Rated impulse withstand voltage U <sub>imp</sub>                             | 8kV                                  |
| Utilisation category <sup>2)</sup>   | AC-23B (400V/400A) <sup>2a)</sup>    |
|  | AC-22B (500V/400A) <sup>2a)</sup>    |
|  | AC-21B (690V/400A) <sup>2a)</sup>    |
| Rated conditional short-circuit current <sup>2) 3)</sup>                     | 120 kA (500V) <sup>2a)</sup>         |
|  | 100 (690V) <sup>2a)</sup>            |
| Rated short-time withstand current I   | 10kA(1s)                             |
| Max. permis. power loss per fuse-link P                                      | 34W                                  |
| Degree of protection, front side   | Operating condition IP20             |
|  | With clamp- and lateral cover IP20XC |
|  | switching element open IP10          |
| Ambient temperature 4) Tamb  | -25 up to +55 °C                     |
| Rated operating mode   | Uninterrupted duty                   |
| Actuation  | dependent manual operation           |
| Mounting position  | vertical / horizontal                |
| Altitude   | up to 2000 m                         |
| Pollution degree   | 3                                    |
| Overvoltage category   |                                      |
| Cable terminal   | Flat terminal, Bolt diameter M10     |
|  | Tightening torque 30-35Nm            |
|  |                                      |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

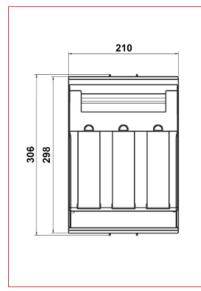
 $^{\rm 2)}$  ...It must be considered a minimum distance to earthed, conductive parts:

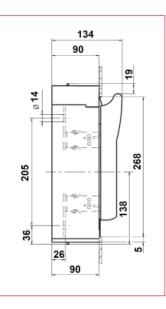
<sup>2a)</sup> Lateral: 20mm / Above: 50mm / Behind: 0mm

<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

<sup>4)</sup> 35°C Normal temperature, at 55°C with reduced operating current

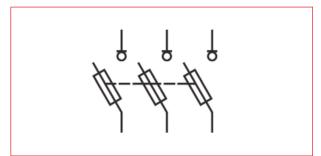
#### Dimensions





NH (HRC) fuse loadbreak-disconnectors size 2 (400 A), for surface mounting, series ARROW BLUE

ISA05250 Wiring diagram



| DESCRIPTION               | AVAILABLE | ORDER NO.  |
|---------------------------|-----------|------------|
| Size 2, 3-pole, 400A, M10 | 388 0-0   | ISA05250-A |

MH (HRC) fuse loadbreak-disconnectors size 3 (630 A), for surface mounting, series ARROW II



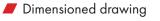
ISA05295

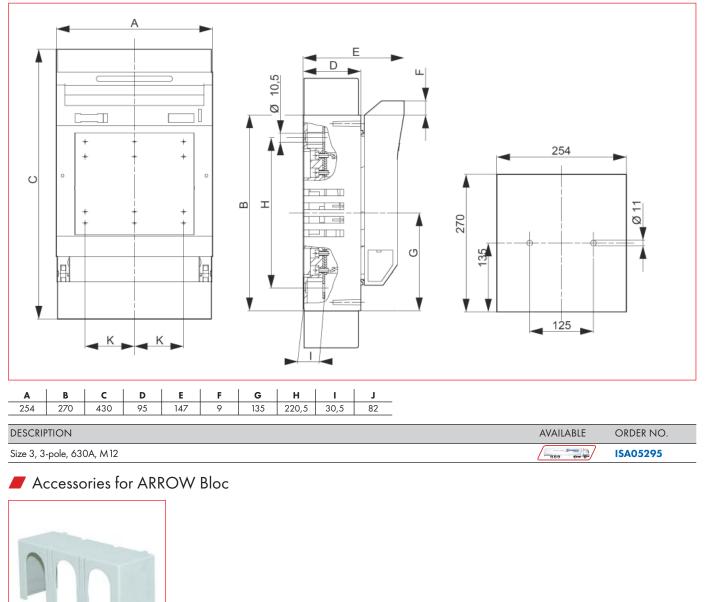
| Size   | NH3                                      |
|--|--|
| Poles  | 3  |
| Applicable for fuse-links                        | NH2 and NH3                              |
| Type of installation                             | Baseplate mounting                       |
| Switching mode                                   | 3pole switchable                         |
| Rated operating voltage                          | 690V                                     |
| Rated operating current                          | 630A                                     |
| Conv. free air thermal current with fuse-links   | 630A                                     |
| Conv. free air thermal current with solid links  | 1000A                                    |
| Rated impulse voltage                            | 8kV                                      |
| Rated isolation voltage                          | 800V                                     |
| Rated frequency                                  | 40 - 60Hz                                |
| Total power loss at 1th (without fuse-link)      | 52W                                      |
| Utilisation category                             | AC-22B (500V/630A)                       |
|  | AC-22B (690V/500A)                       |
|  | DC-21B (440V/500A)                       |
|  | DC-22B (220V/630A)                       |
| Rated conditional short-circuit current          | 80kA (AC 500V)                           |
| Max. permissible power dissipation per fuse-link | 48W                                      |
| Ambient temperature                              | -25 up to +55°C                          |
|  | >35°C derating of rated current required |
| Type of Actuation                                | Dependent manual operation               |
| Mounting position                                | vertical / horizontal                    |
| Altitude   | 2000m                                    |
| Pollution degree                                 | 3  |
| Overvoltage category                             |  |
| Electrical endurance (switching cycles)          | 200                                      |
| Mechanical endurance (switching cycles)          | 800                                      |
| Degree of protection                             | IP20                                     |
| Cable terminal                                   | Flat terminal M10                        |
| Cable lug (DIN 46 235)                           | 1 x 25-300mm <sup>2</sup>                |
| Tightening torque                                | 30-35mm <sup>2</sup>                     |

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NH (HRC) fuse loadbreak-disconnectors size 3 (630 A), for surface mounting, series ARROW II





ISA05700

| DESCRIPTION              | AVAILABLE | ORDER NO. |
|--------------------------|-----------|-----------|
| COVER CAP F.TOP TERMINAL | 555 555   | ISA05700  |



### Accessories for ARROW BLUE



### Schrack-Info

- Accessories for NH (HRC) fuse-load-breaker, series ARROW BLUE
- For size 00, 1, 2 and 3

ISA05335

| DESCRIPTION   | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Single clamp strap size 00  | 333 0- 0- | ISA05300   |
| Prism clamp 1,5-70mm <sup>2</sup> for size 00   |           | ISA05335   |
| Cover cap for ARROW BLUE size 00  | 333 0- 0  | ISA05700-A |
| Microswitch for ARROW BLUE size 00  |           | ISA05324-A |
| Boxterminal ARROW BLUE size 1   |           | ISA05744-A |
| Boxterminal ARROW BLUE size 2 and size 3  |           | ISA05745-A |
| Terminal cover ARROW BLUE size 00 top or bottom   |           | ISA05701-A |
| Terminal cover ARROW BLUE size 1  |           | ISA05702-A |
| Terminal cover ARROW BLUE size 2  |           | ISA05703-A |
| Height compensation adapter 70 mm to 90 mm for ARROW BLUE size 00                         |           | ISA05705-A |
| Lateral compensation profile 70 mm to 90 mm for ARROW BLUE size 00                        |           | ISA05706-A |
| Terminal cover extension 39 mm or 34 mm for ARROW BLUE size 00                            |           | ISA05707-A |
| Terminal cover extension 32 mm for ARROW BLUE size 00                                     |           | ISA05708-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 00                 |           | ISA05709-A |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 00                          |           | ISA05710-A |
| Overlap protector for busbar system for output-side 39 mm or 34 mm for ARROW BLUE size 00 |           | ISA05711-A |
| Overlap protector for busbar system for output-side 32 mm for ARROW BLUE size 00          |           | ISA05712-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 1                  |           | ISA05713-A |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 1                           |           | ISA05714-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 2                  |           | ISA05715-A |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 2                           |           | ISA05716-A |
| Cover support top/bottom 60 and 70 mm for ARROW BLUE size 00                              |           | ISA05719-A |
| Cover support sied 32, 60 and 70 mm for ARROW BLUE size 00                                |           | ISA05720-A |
| Cover support top/bottom 60 and 70 mm for ARROW BLUE size 1-3                             |           | ISA05721-A |
| Clip terminal ARROW BLUE size 1   | 555       | ISA05740-A |
| Clip terminal ARROW BLUE size 2   |           | ISA05741-A |
| Clamp terminal ARROW BLUE size 1  | 555       | ISA05742-A |
| Clamp terminal ARROW BLUE size 2  |           | ISA05743-A |

Order no. blue: on stock, usually ready for delivery on the day of order



# Fuse base size 00 (160 A), for surface mounting, series ARROW II / ARROW

Schrack-Info

•



ISA050003

### Technical Data

| Size   | NH00   |
|--|--|
| Applicable for fuse-links                        | NH000 and NH00   |
|  |  |
| Rated operating voltage                          | 690V   |
| Rated operating current                          | 160A   |
| Conv. free air thermal current with fuse-links   | 160A   |
| Conv. free air thermal current with solid links  | 210A   |
| Rated frequency                                  | 40 - 60Hz  |
| Max. permissible power dissipation per fuse-link | 12W  |
| Duty type  | Continuous duty  |
| Mounting position                                | vertical / horizontal  |
| Altitude   | 2000m  |
| Pollution degree                                 | 3  |
| Overvoltage category                             |  |
| Degree of protection                             | IPOO   |
| Cable terminal                                   | Flat terminal M8 - Cable lug 1x 10-95mm² (max. 25mm width) - 12-15Nm |
|  | clip terminal - 1,5-70 Cu - 2,6Nm                                    |
|  | V-terminal - 10-50re, 10-50rm, 35-70sm, 50-95se                      |
| Protective cover                                 | Yes  |

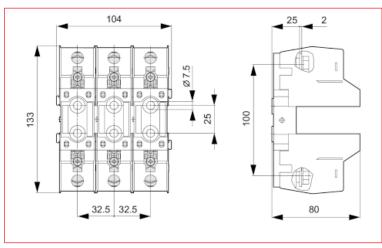
Dimensions according ÖNORM E6021 and DIN 43.620

• 3-pole version with 2 section-plates ÖVE-SN40, IEC 269, VDE 0636, SEV 1018

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Page

### ISA05039 Dimensions



| DESCRIPTION                              | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| Size 00, 2 clamps, 1 pole                |           | ISA05001  |
| HRC-fuse-base size 00, 2 clamps, 1 pole  |           | IS505001  |
| Size 00, V/clamp 1 pole                  |           | ISA05003  |
| HRC-fuse-base size 00 V/M8               |           | ISA05037  |
| HRC-fuse-base size00, 2XM8               | 388 0- 5  | ISA05039  |
| Phase separation plate size 00, type TW5 |           | IS505047  |



# Fuse base size 1-2 (250/400 A), for surface mounting, series ARROW II

### Schrack-Info

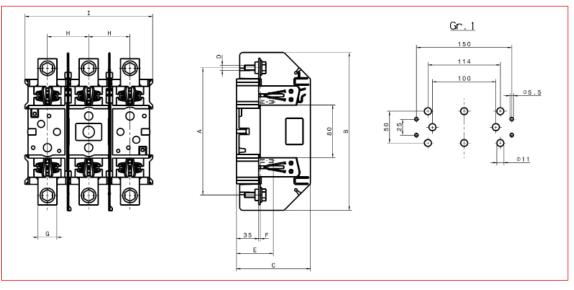
- NH-fuse-base for baseplate mounting
- NH-fuses size 1 or size 2 according DIN VDE 0636-2 / IEC 60269-2

#### Technical data

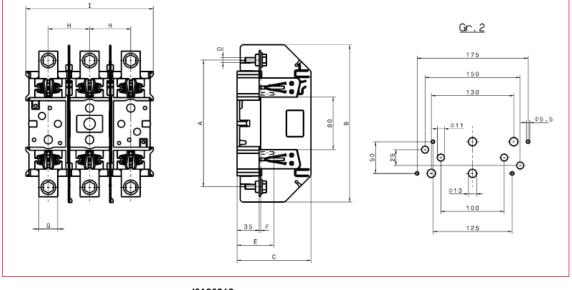
| Size   | NH1 - size 1                             | NH2 - size 2                             |  |
|--|--|--|--|
| Poles  | 3  | 3  |  |
| Applicable for fuse-links                        | NH1                                      | NH2                                      |  |
| Rated operating voltage                          | 690V                                     | 690V                                     |  |
| Rated operating current                          | 250A                                     | 400A                                     |  |
| Conv. free air thermal current with fuse-links   | 250A                                     | 400A                                     |  |
| Conv. free air thermal current with solid links  | 325A                                     | 520A                                     |  |
| Rated frequency                                  | 40 - 60Hz                                | 40 - 60Hz                                |  |
| Max. permissible power dissipation per fuse-link | 32W                                      | 45W                                      |  |
| Ambient temperature                              | -25 up to +55°C                          | -25 up to +55°C                          |  |
|  | >35°C derating of rated current required | >35°C derating of rated current required |  |
| Duty type  | Continuous duty                          | Continuous duty                          |  |
| Mounting position                                | vertical / horizontal                    | vertical / horizontal                    |  |
| Altitude   | 2000m                                    | 2000m                                    |  |
| Pollution degree                                 | 3  | 3  |  |
| Overvoltage category                             |  |  |  |
| Degree of protection                             | IPOO                                     | IPOO                                     |  |
| Cable terminal                                   | Flat terminal M10                        | Flat terminal M10                        |  |
| Protective cover                                 | No                                       | No                                       |  |



- Fuse base size 1-2 (250/400 A), for surface mounting, series ARROW II
- ISA05060 Dimensions



ISA05061 Dimensions



| ISA05060 |     |     |     |     |    |     |    |    |     |
|----------|-----|-----|-----|-----|----|-----|----|----|-----|
| Туре     | A   | В   | С   | D   | E  | F   | G  | Н  | I   |
| NH1      | 175 | 200 | 104 | M10 | 58 | 2,5 | 25 | 58 | 180 |
|          |     |     |     |     |    |     |    |    |     |

|      |     |     |     | ISA05061 |    |     |    |    |     |
|------|-----|-----|-----|----------|----|-----|----|----|-----|
| Туре | A   | В   | С   | D        | E  | F   | G  | Н  | I   |
| NH2  | 200 | 230 | 117 | M10      | 63 | 2,5 | 30 | 66 | 204 |

| DESCRIPTION                         | AVAILABLE | ORDER NO. |
|-------------------------------------|-----------|-----------|
| HRC-fuse-base size 1 2XM10 3P, 250A |           | ISA05060  |
| HRC-fuse-base size 2 2XM10 3P, 400A |           | ISA05061  |



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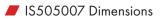
# Neutral bracket size 00, for surface mounting, series ARROW II / ARROW

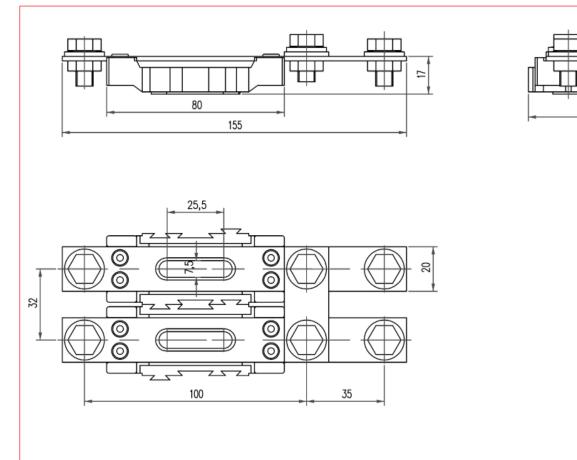




Schrack-Info

Neutral-conductors for NH-fuse-base for mounting-plate.





| DESCRIPTION                                   | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Size 00, 2 clamps                             |           | ISA05005  |
| Size 00, V/clamp                              |           | ISA05006  |
| HRC-neutral-conductor size 00, 2XM8           | 333 0-0   | ISA05043  |
| HRC-neutral-conductor size 00, M8/clamp       |           | IS505004  |
| HRC-neutral-conductor size 00, 2 pole, 6 x M8 | 355 0-0-  | IS505007  |
| HRC-neutral-conductor size 00, V/clamp        |           | IS505006  |
| HRC-neutral-conductor size 00, 2 pole, 4 x M8 | 333 0-5   | 1\$505008 |

## Accessories for fuse-bases





IS505200

IS505201

Schrack-Info Accessories suitable for NH-fuse-bases

| DESCRIPTION  | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| Phase separation plate size 00   | 888       | ISA05047  |
| Phase separation plate size 00, short type                               |           | ISA05088  |
| Phase separation plate size 1  |           | ISA05058  |
| Cover for HRC-base size 00   |           | ISA05090  |
| Cover for HRC-base size 1  | 555 0-0   | ISA05091  |
| Cover for HRC-base size 2  |           | ISA05092  |
| V-connection terminal VK160, 35-70mm <sup>2</sup>                        |           | 1\$505040 |
| Connecting Strap 2 x M 8 - 1 x V-terminal 2 x 35-70 mm2                  |           | 1\$505099 |
| V-double terminal 2x35-70mm <sup>2</sup> sm                              |           | 1\$505018 |
| V-connection terminal 2 x 50-185mm <sup>2</sup>                          |           | 15505219  |
| V-connection-bridge VB 2x50/2  |           | 18505102  |
| V-connection-bridge VB 1x50/3  |           | 18505104  |
| Connecting Strap M8 - 1 x V-terminal, VK160                              |           | 1\$505098 |
| V-connection terminal VK 400, 35-185mm <sup>2</sup>                      |           | 1\$505200 |
| Insulating cap for V-terminal VK400                                      | 000 000   | ISA05193  |
| V-connection tap M12   |           | 1\$505201 |
| Busbar 1 m/20 x 3 mm holed, 8,5 Ø, hole distance 32 mm (CU-weight 540 g) | 800 0-0-  | 1\$505100 |
| Fuse handle for HRC-fuses  |           | ISA05211  |
| Insulating cap for V-terminal VK160 (IS505040)                           |           | 1\$505028 |
| Phase separation plate size 00, type short TW5                           |           | IS505088  |



# ✓ Fuse base size 000 (100 A), for 60mm busbar-system, series ARROW II



### Schrack-Info

- Compact design, 63mm installation width
- Snap on installation without screws
- For busbars with 12-30 mm width and 5-10 mm thickness

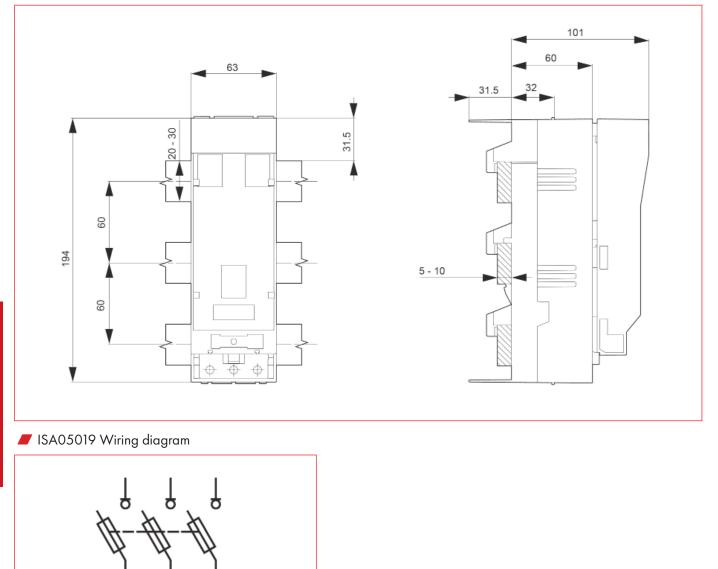
ISA05019

| Size   | NH000                                    |  |
|--|--|--|
| Poles  | 3  |  |
| Applicable for fuse-links                        | NH000                                    |  |
| Standard   | IEC/EN 60 947-3                          |  |
|  | Busbar mounting                          |  |
| Type of installation                             | •  |  |
| Busbar distance                                  | 60mm                                     |  |
| Switching mode                                   | 3pole switchable                         |  |
| Rated operating voltage                          | 500V                                     |  |
| Rated operating current                          | 125A                                     |  |
| Conv. free air thermal current with fuse-links   | 125A                                     |  |
| Conv. free air thermal current with solid links  | 160A                                     |  |
| Rated impulse voltage                            | 8kV                                      |  |
| Rated isolation voltage                          | 500V                                     |  |
| Rated frequency                                  | 40 - 60Hz                                |  |
| Total power loss at Ith (without fuse-link)      | 18W                                      |  |
| Utilisation category                             | AC-22B (500V/125A)                       |  |
|  | DC-22B (220V/100A)                       |  |
| Rated conditional short-circuit current          | 50kA (AC 500V)                           |  |
| Max. permissible power dissipation per fuse-link | 8W                                       |  |
| Ambient temperature                              | -25 up to +55°C                          |  |
|  | >35°C derating of rated current required |  |
| Type of Actuation                                | Dependent manual operation               |  |
| Mounting position                                | vertical                                 |  |
| Altitude   | 2000m                                    |  |
| Pollution degree                                 | 3  |  |
| Overvoltage category                             |  |  |
| Electrical endurance (switching cycles)          | 200                                      |  |
| Mechanical endurance (switching cycles)          | 1400                                     |  |
| Degree of protection                             | IP20                                     |  |
| Direction of cable terminal                      | bottom side                              |  |
| Terminal type                                    | Elevator-clamp                           |  |
| Clamping range                                   | 1.5 - 50mm <sup>2</sup> Cu               |  |
| Isolation strength                               | max. 20mm                                |  |
| Tightening torque                                | 2,6Nm                                    |  |
|  |  |  |



✓ Fuse base size 000 (100 A), for 60mm busbar-system, series ARROW II





| DESCRIPTION                                 | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Arrow Bloc C00 for 60mm busbar inout bottom | 888 000   | ISA05019  |

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# ✓ Fuse base size 000 (100 A), for 60mm busbar-system, 54mm wide



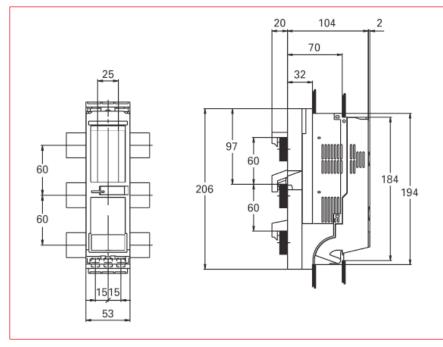
### Schrack-Info

- Device width 54 mm
- Touch protection IP 3x
- Lid lock combined with sealing
- Connection box terminal up to 2.5-50mm<sup>2</sup>

IS505019-B

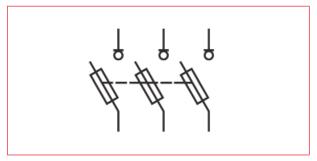
| Size   | 000                           |
|--|-------------------------------|
| Poles /Phases  | 3                             |
| Conventional thermal current in free air with NH-fuse links I <sub>th</sub>                            | 100A                          |
| Busbar system  | 60mm                          |
| Busbar high  | 20-30mm                       |
| Busbar thickness   | 5 or 10mm                     |
| Standard   | IEC/EN 60947-3                |
| Utilisation category / Rated operation voltage U <sub>e</sub> / Rated operation current I <sub>e</sub> | AC 22 B / U = 690V / I = 100A |
|  | DC 21 B / U = 440V / I = 100A |
| Rated operation voltage U <sub>e</sub>   | 690V                          |
| Rated isolation voltage U  | 750V                          |
| Rated impulse withstand voltage U_ima  | 8kV                           |
| Rated frequency  | 50-60Hz                       |
| Maximum permissible rated power output of the NH fuse links P <sub>n</sub>                             | 12W                           |
| Protection class   | IP20                          |
| Pollution degree   | 3                             |
| Rated duty continuous operation  | non-stop operation            |
| Rated conditional short circuit current for protection by fuses:                                       | AC 50kA (690V/500V)           |
|  | DC 25kA (220V/440V)           |
| Electrical live (operations)   | 300                           |
| Mechanical live (operations)   | 1700                          |
| Overvoltage category   | Ш                             |
| Standard connection  | lift-terminal                 |
| Terminal capacity  | 1,5-50mm <sup>2</sup>         |

### Dimensions





- Fuse base size 000 (100 A), for 60mm busbar-system, 54mm wide
- IS505019 Wiring diagram



| DESCRIPTION  | AVAILABLE      | ORDER NO.  |
|--|----------------|------------|
| Arrow Bloc C00 for 60mm busbar system, output bottom | 000 <b>0-0</b> | IS505019-B |

### Fuse base size 00 (160 A), for 60mm busbar-system, series ARROW II



| Size   | NH00                                     |           |  |
|--|--|-----------|--|
| Poles  | 3  |           |  |
| Applicable for fuse-links                        | NH000 and NH00                           |           |  |
| ype of installation                              | Busbar mounting                          |           |  |
| Busbar distance                                  | 40, 50 and 60mm                          |           |  |
| Switching mode                                   | 3pole switchable                         |           |  |
| Rated operating voltage                          | 690V                                     |           |  |
| lated operating current                          | 160A                                     |           |  |
| Conv. free air thermal current with fuse-links   | 160A                                     |           |  |
| Conv. free air thermal current with solid links  | 210A                                     |           |  |
| tated impulse voltage                            | 8kV                                      |           |  |
| Rated isolation voltage                          | 800V                                     |           |  |
| lated frequency                                  | 40 - 60Hz                                |           |  |
| Utilisation category                             | AC-22B (500V/160A)                       |           |  |
|  | AC-22B (690V/100A)                       |           |  |
|  | DC-21B (440V/100A)                       |           |  |
|  | DC-22B (220V/160A)                       |           |  |
| Rated conditional short-circuit current          | 50kA (AC 500V)                           |           |  |
| Λαx. permissible power dissipation per fuse-link | 12W                                      |           |  |
| Ambient temperature                              | -25 up to +55°C                          |           |  |
|  | >35°C derating of rated current required |           |  |
| ype of Actuation                                 | Dependent manual operation               |           |  |
| Aounting position                                | vertical / horizontal                    |           |  |
| Altitude   | 2000m                                    |           |  |
| 'ollution degree                                 | 3  |           |  |
| Dvervoltage category                             |  |           |  |
| Electrical endurance (switching cycles)          | 200                                      |           |  |
| Mechanical endurance (switching cycles)          | 1400                                     |           |  |
| Degree of protection                             | IP20                                     |           |  |
| Direction of cable terminal                      | variable                                 |           |  |
| Cable terminal                                   | Flat terminal M8                         |           |  |
| DESCRIPTION                                      | AVAILABLE                                | ORDER NO. |  |
| Size 00, 3-pole, 160A, M8, with window lock      |  | ISA05223F |  |



## Fuse base size 00 (160 A), for busbar, series ARROW BLUE



#### Schrack-Info

- Output direction from top to bottom is easy and quickly to change
- 1-point quick-fixing
- Integrated infringe-protection side and top
- Contactless fuse take out
- Closing part sealable and lockable
- Park position for closing part
- Patented voltage measuring slots, tool-bound open, without tools close

#### ISA05223-A

| or LV HRC fuse-links acc. to DIN VDE 0636-2                            | Size 000/00  |  |
|--|--|--|
| Standard   | IEC/DIN/EN 60947-3 / VDE 0660-107                                      |  |
| Rated operational voltage U  | 690V-AC  |  |
| τ.<br>·  | 440V-DC  |  |
| Rated operational current <sup>1)</sup> I                              | 160 A  |  |
| Rated frequency f  | 40 - 60 Hz   |  |
| Rated insulation voltage U   | 800V-AC  |  |
| otal power loss at I <sub>th</sub> (without fuse-links) P <sub>v</sub> | 14W  |  |
| Rated impulse withstand voltage U <sub>inn</sub>                       | 8kV  |  |
| Jtilisation category <sup>2)</sup>                                     | AC-23B (400V/160A) <sup>2b)</sup>                                      |  |
|  | AC-22B (500V/160A) <sup>2b)</sup>                                      |  |
|  | AC-21B (690V/160A) <sup>2b)</sup>                                      |  |
|  | DC-22B (250V/160A) <sup>2b)</sup>                                      |  |
|  | DC-21B (440V/160A) <sup>2c)</sup>                                      |  |
| Rated conditional short-circuit current <sup>2) 3)</sup>               | 120 kA (500V) <sup>2b)</sup>   |  |
|  | 100 (690V) <sup>2b)</sup>  |  |
| Rated short-time withstand current Icw                                 | 7 kA (1s)  |  |
| Max. permis. power loss per fuse-link Pa                               | 12 W   |  |
| Degree of protection   | Front side, operating condition IP20                                   |  |
|  | With clamp- and lateral cover IP20XC                                   |  |
|  | switching element open IP10  |  |
| Ambient temperature 4) Tamb  | -25 up to +55 °C   |  |
| Rated operating mode   | Uninterrupted duty   |  |
| Actuation  | dependent manual operation   |  |
| Aounting position  | vertical / horizontal  |  |
| Altitude   | up to 2000 m   |  |
| Pollution degree   | 3  |  |
| Dvervoltage category   |  |  |
| Cable terminal, flat terminal  | Bolt diameter M8   |  |
|  | Tightening torque M <sub>a</sub> 12-15 Nm                              |  |
| Cable terminal, clip terminal  | Clamping cross-section conductor round 1,5 - 70 mm <sup>2</sup> copper |  |
|  | busbar 6 x 9 x 0,8   |  |
|  |  |  |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

<sup>2)</sup> It must be considered a minimum distance to earthed, conductive parts:

<sup>2b)</sup> Lateral: 20mm / Above: 50mm

<sup>2c]</sup> Lateral: 50mm / Above: 100mm

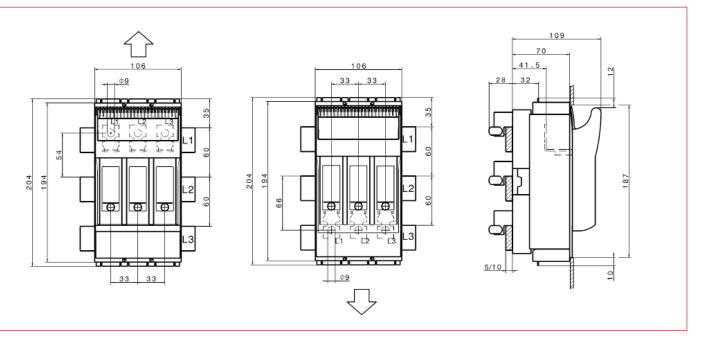
<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

<sup>4)</sup> 35°C Normal temperature, at 55°C with reduced operating current

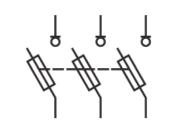


# Fuse base size 00 (160 A), for busbar, series ARROW BLUE

Dimensions



ISA05223-A Wiring diagram



| DESCRIPTION                       | AVAILABLE | ORDER NO.  |
|-----------------------------------|-----------|------------|
| Size 00, 3-pole, 160A, M8         | 000 0-0-  | ISA05223-A |
| Single clamp strap size 00        | 000 000   | ISA05300   |
| Prism clamp 1,5-70mm² for size 00 | 000 000   | ISA05335   |



# Fuse base size 1 (250 A), for 60mm busbar-system, series ARROW II



ISA05290

### Technical Data

| Size   | NH1                               | NH                     | 2                     |
|--|-----------------------------------|------------------------|-----------------------|
| Poles:   | 3                                 | 3                      |                       |
| Type of installation                             | Busbar mounting                   | Busbar m               | nounting              |
| Busbar-system                                    | 60 mm                             | 60 r                   | nm                    |
| Switching mode                                   | 3- pole switchable                | 3- pole sw             | vitchable             |
| Rated operating voltage                          | 690 V                             | 690                    | V                     |
| Rated operating current                          | 250 A                             | 400                    | A                     |
| Utilisation category                             | AC-22B (500 V / 250 A)            | AC-22B (500            | V / 400 A)            |
|  | AC-22B (690 V / 200 A)            | AC-22B (690            | ) V / 315 A)          |
|  | DC-21B (440 V / 200 A)            | DC-21B (440            | ) V / 315 A)          |
|  | DC-22B (220 V / 250 A)            | DC-22B (220            | V / 400 A)            |
| Rated conditional short-circuit current          | 50 kA (AC 500 V)                  | 80 kA (AC              | C 500 V)              |
| Max. permissible power dissipation per fuse-link | 23 W                              | 34                     | W                     |
| Ambient temperature                              | -25 up to + 55 °C                 |                        |                       |
|  | > 35 °C derating of r             | rated current required |                       |
| Type of Actuation                                | Dependent manual operation        |                        |                       |
| Mounting position                                | vertical / horizontal             |                        |                       |
| Altitude   | 2000 m                            |                        |                       |
| Pollution degree                                 |                                   | 3                      |                       |
| Overvoltage category                             |                                   |                        |                       |
| Degree of protection                             | IP:                               | 20                     |                       |
| Connection side                                  | top or                            | bottom                 |                       |
| Cable terminal                                   | Flat terminal M10                 | Flat termi             | nal M10               |
| Cable lug M8 (DIN 46 235)                        | 1 x 25-150 mm2 <lb: sup=""></lb:> | 1 x 25-240 mi          | m2 <ib: sup=""></ib:> |
| Busbar size                                      | 30 x 10                           | 30 x                   | 10                    |
| Torque   | 30-35 Nm                          | 30-35                  | Nm                    |
| DESCRIPTION                                      |                                   | AVAILABLE              | ORDER NO.             |
| Size 1, 3-pole, 250A, M10, outlet bottom         |                                   |                        | ISA05290              |
| Size 1, 3-pole, 250A, M10, outlet top            |                                   |                        | ISA05291              |





## Fuse base size 1 (250 A), for 60mm busbar-system, series ARROW BLUE



### Schrack-Info

- Output direction from top to bottom is easy and quickly to change
- 1-point quick-fixing
- Integrated infringe-protection side and top
- Contactless fuse take out
- Closing part sealable and lockable
- Park position for closing part
- Patented voltage measuring slots, tool-bound open, without tools close

#### ISA05290-A

| Standard   | IEC/DIN/EN 60947-3                   |
|--|--------------------------------------|
| For LV HRC fuse-links acc. to DIN VDE 0636-2                                 | size 1                               |
| Rated operational voltage U  | 690VAC / 440V-DC                     |
| Rated operational current <sup>1)</sup>                                      | 250A                                 |
| Conv. free air thermal current with fuse-links <sup>1)</sup> I <sub>th</sub> | 250A                                 |
| Rated frequency f  | 40-60Hz                              |
| Rated insulation voltage U   | 800V-AC                              |
| Total power loss at Ith (without fuse-links) P <sub>v</sub>                  | 22W                                  |
| Rated impulse withstand voltage U  | 8kV                                  |
| Utilisation category <sup>2)</sup>   | AC-23B (400V/250A) <sup>2b)</sup>    |
|  | AC-22B (500V/250A) <sup>2b)</sup>    |
|  | AC-21B (690V/250A) 2b)               |
| Rated conditional short-circuit current <sup>2) 3)</sup>                     | 120 kA (500V) <sup>2b)</sup>         |
|  | 100 (690V) <sup>2b)</sup>            |
| Rated short-time withstand current I   | 10kA(1s)                             |
| Max. permis. power loss per fuse-link P                                      | 23W                                  |
| Degree of protection, front side   | Operating condition IP20             |
|  | With clamp- and lateral cover IP20XC |
|  | switching element open IP10          |
| Ambient temperature 4) Tamb  | -25 up to +55 °C                     |
| Rated operating mode   | Uninterrupted duty                   |
| Actuation  | dependent manual operation           |
| Mounting position  | vertical / horizontal                |
| Altitude   | up to 2000 m                         |
| Pollution degree   | 3                                    |
| Overvoltage category   | II                                   |
| Cable terminal   | Flat terminal, Bolt diameter M10     |
|  | Tightening torque 30-35Nm            |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

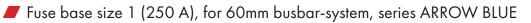
 $^{\mbox{\tiny 2)}}$  It must be considered a minimum distance to earthed, conductive parts:

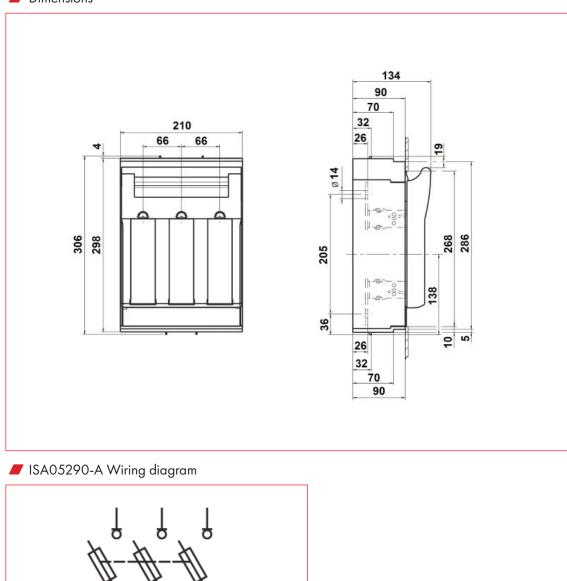
<sup>2b)</sup> Lateral: 20mm / Above: 50mm

<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

 $^{4)}\,35\,^{\circ}\text{C}$  Normal temperature, at  $55\,^{\circ}\text{C}$  with reduced operating current







### Dimensions

| DESCRIPTION                                     | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Size 1, 3-pole, 250A, M10, outlet top or bottom | 333 0-0   | ISA05290-A |





✓ Fuse base size 2 (400 A), for 60mm busbar-system, series ARROW II



#### ISA05251

#### Technical Data

| Size   | NH1  | NH2                               |
|--|--|-----------------------------------|
| Poles:   | 3  | 3                                 |
| Type of installation                             | Busbar mounting                            | Busbar mounting                   |
| Busbar-system                                    | 60 mm                                      | 60 mm                             |
| Switching mode                                   | 3- pole switchable                         | 3- pole switchable                |
| Rated operating voltage                          | 690 V                                      | 690 V                             |
| Rated operating current                          | 250 A                                      | 400 A                             |
| Utilisation category                             | AC-22B (500 V / 250 A)                     | AC-22B (500 V / 400 A)            |
|  | AC-22B (690 V / 200 A)                     | AC-22B (690 V / 315 A)            |
|  | DC-21B (440 V / 200 A)                     | DC-21B (440 V / 315 A)            |
|  | DC-22B (220 V / 250 A)                     | DC-22B (220 V / 400 A)            |
| Rated conditional short-circuit current          | 50 kA (AC 500 V)                           | 80 kA (AC 500 V)                  |
| Max. permissible power dissipation per fuse-link | 23 W                                       | 34 W                              |
| Ambient temperature                              | -25 up to + 55 °C                          |                                   |
|  | > 35 °C derating of rated current required |                                   |
| Type of Actuation                                | Dependent manual operation                 |                                   |
| Mounting position                                | vertical / horizontal                      |                                   |
| Altitude   | 2000 m                                     |                                   |
| Pollution degree                                 | 3  |                                   |
| Overvoltage category                             |  |                                   |
| Degree of protection                             | IP   | 20                                |
| Connection side                                  | top or                                     | bottom                            |
| Cable terminal                                   | Flat terminal M10                          | Flat terminal M10                 |
| Cable lug M8 (DIN 46 235)                        | 1 x 25-150 mm2 <ib: sup=""></ib:>          | 1 x 25-240 mm2 <ib: sup=""></ib:> |
| Busbar size                                      | 30 x 10                                    | 30 x 10                           |
| Torque   | 30-35 Nm                                   | 30-35 Nm                          |
| DESCRIPTION                                      |  | AVAILABLE ORDER NO.               |
| Size 2, 3-pole, 400A, M10, outlet bottom         |  | ISA05251                          |



## Fuse base size 2 (400 A), for 60mm busbar-system, series ARROW BLUE



#### Schrack-Info

- Output direction from top to bottom is easy and quickly to change
- 1-point quick-fixing
- Integrated infringe-protection side and top
- Contactless fuse take out
- Closing part sealable and lockable
- Park position for closing part
- Patented voltage measuring slots, tool-bound open, without tools close

| Standard   | IEC/DIN/EN 60947-3                   |  |
|--|--------------------------------------|--|
| For LV HRC fuse-links acc. to DIN VDE 0636-2                                 | size 2                               |  |
| Rated operational voltage U  | 690VAC / 440 V DC                    |  |
| Rated operational current <sup>1)</sup>                                      | 400A                                 |  |
| Conv. free air thermal current with fuse-links <sup>1)</sup> I <sub>eb</sub> | 400A                                 |  |
| Rated frequency f  | 40-60Hz                              |  |
| Rated insulation voltage U   | 800 V AC                             |  |
| Total power loss at Ith (without fuse-links) P <sub>v</sub>                  | 22W                                  |  |
| Rated impulse withstand voltage U <sub>imp</sub>                             | 8kV                                  |  |
| Utilisation category <sup>2)</sup>   | AC-23B (400V/400A) <sup>2b)</sup>    |  |
|  | AC-22B (500V/400A) <sup>2b)</sup>    |  |
|  | AC-21B (690V/400A) <sup>2b)</sup>    |  |
| Rated conditional short-circuit current <sup>2) 3)</sup>                     | 120 kA (500V) <sup>2b)</sup>         |  |
|  | 100 (690V) <sup>2b)</sup>            |  |
| Rated short-time withstand current I   | 10kA(1s)                             |  |
| Max. permis. power loss per fuse-link P <sub>a</sub>                         | 34W                                  |  |
| Degree of protection, front side   | Operating condition IP20             |  |
|  | With clamp- and lateral cover IP20XC |  |
|  | switching element open IP10          |  |
| Ambient temperature 4) Tamb  | -25 up to +55 °C                     |  |
| Rated operating mode   | Uninterrupted duty                   |  |
| Actuation  | dependent manual operation           |  |
| Mounting position  | vertical / horizontal                |  |
| Altitude   | up to 2000 m                         |  |
| Pollution degree   | 3                                    |  |
| Overvoltage category   |                                      |  |
| Cable terminal   | Flat terminal, Bolt diameter M10     |  |
|  | Tightening torque 30-35Nm            |  |

<sup>1)</sup> In case of mounting of several units in low voltage switch-gear-combinations, please consider rated diversity factors acc. to EN 61439-1.

<sup>2)</sup> It must be considered a minimum distance to earthed, conductive parts:

<sup>2b)</sup> Lateral: 20mm / Above: 50mm

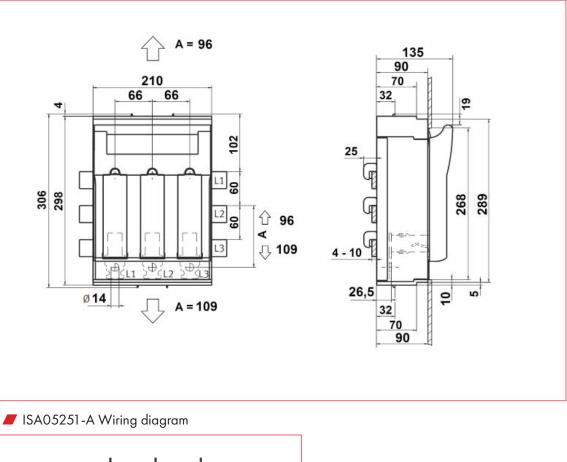
<sup>3)</sup> Type tested with LV-HRC-fuse-links characteristic gG.

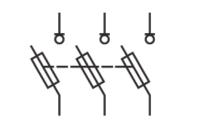
 $^{\rm 4)}\,35\,^{\circ}\text{C}$  Normal temperature, at  $55\,^{\circ}\text{C}$  with reduced operating current



Fuse base size 2 (400 A), for 60mm busbar-system, series ARROW BLUE







| DESCRIPTION                                     | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Size 2, 3-pole, 400A, M10, outlet top or bottom | 000 000   | ISA05251-A |



Accessories for 60mm busbar-system, series ARROW BLUE



ISA05335

| DESCRIPTION   | AVAILABLE | ORDER NO.  |
|---|-----------|------------|
| Single clamp strap size 00  | 000 0-0-  | ISA05300   |
| Clip terminal ARROW BLUE size 1   |           | ISA05740-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 00                 |           | ISA05709-A |
| Prism clamp 1,5-70mm <sup>2</sup> for size 00   |           | ISA05335   |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 00                          |           | ISA05710-A |
| Clamp terminal ARROW BLUE size 1  |           | ISA05742-A |
| Overlap protector for busbar system for output-side 39 mm or 34 mm for ARROW BLUE size 00 |           | ISA05711-A |
| Boxterminal ARROW BLUE size 1   |           | ISA05744-A |
| Clip terminal ARROW BLUE size 2   | 353       | ISA05741-A |
| Overlap protector for busbar system for output-side 32 mm for ARROW BLUE size 00          |           | ISA05712-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 1                  |           | ISA05713-A |
| Clamp terminal ARROW BLUE size 2  |           | ISA05743-A |
| Boxterminal ARROW BLUE size 2 and size 3  |           | ISA05745-A |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 1                           |           | ISA05714-A |
| Overlap protector for busbar system 39 mm or 34 mm for ARROW BLUE size 2                  |           | ISA05715-A |
| Overlap protector for busbar system 32 mm for ARROW BLUE size 2                           |           | ISA05716-A |



Fuse loadbreak-disconnectors size 00 (160A), for 60mm busbar-system, series ARROW II



### Schrack-Info

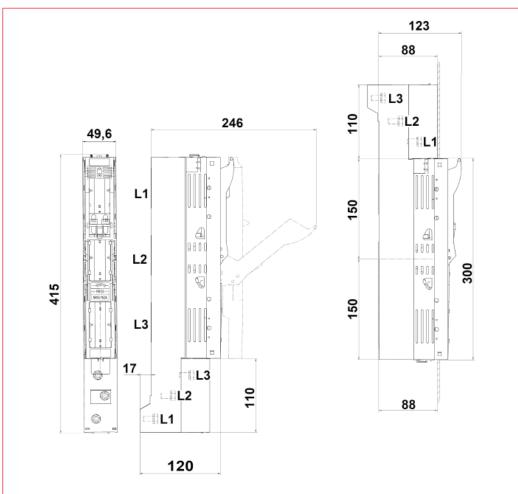
- NH-strip-type fuse-switch-disconnector with adapter for 60mm busbar-system
- With cable connection at bottom side, optional at top side
- Width 50mm, for permanent mounting technology
- All parts of LSL made from halogenfree, self-extinguishing material
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Type label visible in built-in condition
- Lockable in closed position with up to 2 padlocks

#### ISA05260

| Size   | NH00                                     |
|--|--|
| Standards  | IEC/EN60947-3                            |
| Busbar distance                                  | 60mm                                     |
| Poles  | 3  |
| Switching mode                                   | 3pole switchable                         |
| Applicable for fuse-links                        | NH000 and NH00                           |
| Rated operating voltage                          | 690V                                     |
| Rated operating current                          | 160A                                     |
| Conv. free air thermal current with fuse-links   | 160A                                     |
| Conv. free air thermal current with solid links  | 210A                                     |
| Rated impulse voltage                            | 8kV                                      |
| Rated isolation voltage                          | 800V                                     |
| Rated frequency                                  | 50 - 60Hz                                |
| Total power loss at Ith (without fuse-link)      | 18W                                      |
| Utilisation category                             | AC-22B (100A/690V)                       |
|  | AC-22B (160A/400V)                       |
|  | AC-22B (160A/500V)                       |
| Rated conditional short-circuit current          | 80kA (AC 500V)                           |
| Max. permissible power dissipation per fuse-link | 12W                                      |
| Ambient temperature                              | -25 up to +55°C                          |
|  | >35°C derating of rated current required |
| Type of Actuation                                | Dependent manual operation               |
| Mounting position                                | user-defined                             |
| Pollution degree                                 | 3  |
| Overvoltage category                             |  |
| Electrical endurance (switching cycles)          | 200                                      |
| Mechanical endurance (switching cycles)          | 1400                                     |
| Degree of protection                             | IP30                                     |
| Cable terminal                                   | Flat terminal M8                         |
| Cable lug (DIN 46 235)                           | 1 x 10-95mm² (max. 25mm width)           |
| Tightening torque                                | 12-15 Nm                                 |

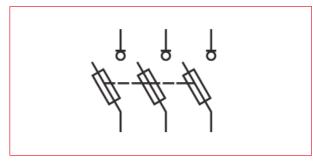


Fuse loadbreak-disconnectors size 00 (160A), for 60mm busbar-system, series ARROW II





ISA05260 Wiring diagram



| DESCRIPTION               | AVAILABLE | ORDER NO. |
|---------------------------|-----------|-----------|
| Size 00, 3-pole, 160A, M8 |           | ISA05260  |





Fuse loadbreak-disconnectors size 00 (160A), for 60mm busbar-system, series ARROW II



### Schrack-Info

- NH-strip-type fuse-switch-disconnector for 100mm busbar-system
- With cable connection at bottom side, optional at top side
- Width 50mm, for permanent mounting technology
- All parts of LSL made from halogenfree, self-extinguishing material
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Type label visible in built-in condition
- Lockable in closed position with up to 2 padlocks

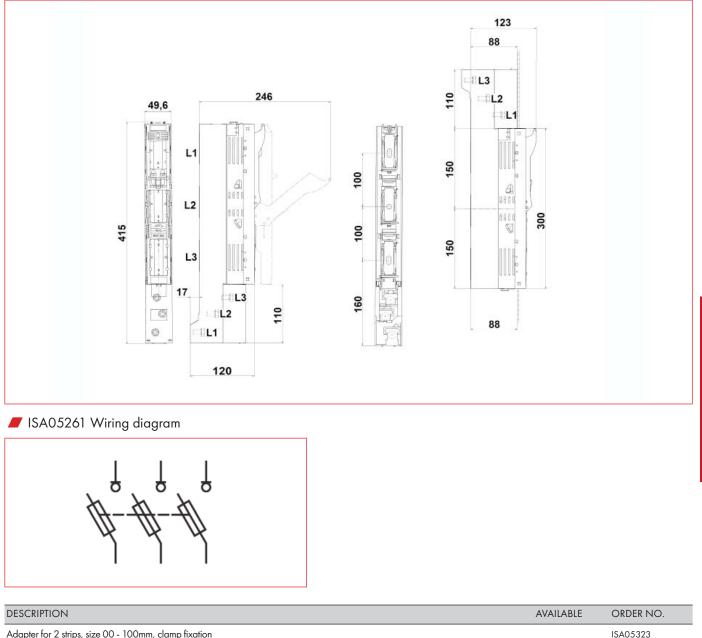
#### ISA05261

| Size   | NH00                                     |
|--|--|
| Standards  | IEC/EN60947-3                            |
| Busbar distance                                  | 100mm                                    |
| Poles  | 3  |
| Switching mode                                   | 3pole switchable                         |
| Applicable for fuse-links                        | NH000 and NH00                           |
| Rated operating voltage                          | 690V                                     |
| Rated operating current                          | 160A                                     |
| Current measurement                              | No                                       |
| Conv. free air thermal current with fuse-links   | 160A                                     |
| Conv. free air thermal current with solid links  | 210A                                     |
| Rated impulse voltage                            | 8kV                                      |
| Rated isolation voltage                          | 800V                                     |
| Rated frequency                                  | 50 - 60Hz                                |
| Total power loss at Ith (without fuse-link)      | 18W                                      |
| Utilisation category                             | AC-22B (100A/690V)                       |
|  | AC-22B (160A/400V)                       |
|  | AC-22B (160A/500V)                       |
| Rated conditional short-circuit current          | 80kA (AC 500V)                           |
| Max. permissible power dissipation per fuse-link | 12W                                      |
| Ambient temperature                              | -25 up to +55°C                          |
|  | >35°C derating of rated current required |
| Type of Actuation                                | Dependent manual operation               |
| Mounting position                                | user-defined                             |
| Pollution degree                                 | 3  |
| Overvoltage category                             |  |
| Electrical endurance (switching cycles)          | 200                                      |
| Mechanical endurance (switching cycles)          | 1400                                     |
| Degree of protection                             | IP30                                     |
| Cable terminal                                   | Flat terminal M8                         |
| Cable lug (DIN 46 235)                           | 1 x 10-95mm² (max. 25mm width)           |
| Tightening torque                                | 12-15 Nm                                 |



Fuse loadbreak-disconnectors size 00 (160A), for 60mm busbar-system, series ARROW II





| DESCRIPTION  | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| Adapter for 2 strips, size 00 - 100mm, clamp fixation        |           | ISA05323  |
| Cover for Double adapter for busbar 185mm                    |           | ISA05328  |
| ARROW LINE size 00, 3 pole, f. 100mm busbar with Window bloc |           | ISA05261F |
| Size 00, 3-pole, 160A, M8, for 100 mm busbar-system          |           | ISA05261  |
| Single adapter f/busbar 185mm                                |           | ISA05327  |
| Double adapter f/busbar 185mm                                |           | ISA05326  |
| Forked clamp HRC-00  |           | ISA05325  |
| Single clamp strap size 00                                   |           | ISA05300  |
| Prism clamp 1,5-70mm <sup>2</sup> for size 00                |           | ISA05335  |
|  |           |           |

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MH-Line (HRC) fuse load-breaker size 00 (160A), for 185mm busbar-system, series ARROW II



## Schrack-Info

- NH-strip-type fuse-switch-disconnector for 185mm busbar-system
- With cable connection at bottom side, optional at top side
- Width 50mm
- All parts of LSL made from halogenfree, self-extinguishing material
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Type label visible in built-in condition
- Lockable in closed position with up to 2 padlocks

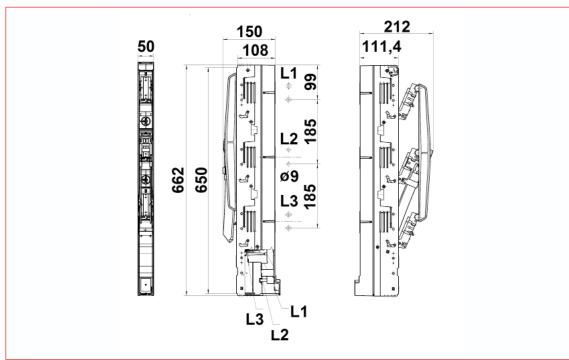
#### ISA05304

| Size   | NH00                                     |  |
|--|--|--|
| Standards  | IEC/EN 60947-3                           |  |
| Busbar distance                                  | 185mm                                    |  |
| Poles  | 3  |  |
| Switching mode                                   | 3pole switchable                         |  |
| Applicable for fuse-links                        | NH000 / NH00                             |  |
| Rated operating voltage                          | 690V                                     |  |
| Rated operating current                          | 160A                                     |  |
| Current measurement                              | No                                       |  |
| Conv. free air thermal current with fuse-links   | 160A                                     |  |
| Rated impulse voltage                            | 8kV                                      |  |
| Rated isolation voltage                          | 800V                                     |  |
| Rated frequency                                  | 50 - 60Hz                                |  |
| Total power loss at Ith (without fuse-link)      | 18W                                      |  |
| Utilisation category                             | AC-22B (100A/690V)                       |  |
|  | AC-22B (160A/400V)                       |  |
|  | AC-22B (160A/500V)                       |  |
| Rated conditional short-circuit current          | 120kA (AC 500V)                          |  |
|  | 100kA (AC 690V)                          |  |
| Max. permissible power dissipation per fuse-link | 12W                                      |  |
| Ambient temperature                              | -25 up to +55°C                          |  |
|  | >35°C derating of rated current required |  |
| Type of Actuation                                | Dependent manual operation               |  |
| Mounting position                                | user-defined                             |  |
| Altitude   | 2000m                                    |  |
| Pollution degree                                 | 3  |  |
| Overvoltage category                             | II                                       |  |
| Electrical endurance (switching cycles)          | 200                                      |  |
| Mechanical endurance (switching cycles)          | 1400                                     |  |
| Degree of protection                             | IP30                                     |  |
| Cable terminal                                   | Flat terminal M8                         |  |
| Cable lug (DIN 46 235)                           | 1 x 10-95mm² (max. 25mm width)           |  |
| Tightening torque                                | 12-15Nm                                  |  |

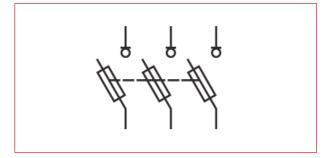


NH-Line (HRC) fuse load-breaker size 00 (160A), for 185mm busbar-system, series ARROW II

## Dimensions



ISA05304 Wiring diagram



| DESCRIPTION  | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| HRC-in-line-fuse ARROW LINE size 00, 3pole, 185mm-system | 355 0-0   | ISA05304  |
| HRC-fuse-base for 185mm busbar system                    |           | ISA05172  |



# Fuse loadbreak-disconnectors size 1 (250A), for 185mm busbar-system, series ARROW II



ISA05305

### Schrack-Info

- NH-strip-type fuse-switch-disconnector for 185mm busbar-system
- With cable connection at bottom side, optional at top side
- Width 50mm
- All parts of LSL made from halogenfree, self-extinguishing material
- Base part as carrier of current carrying components made from glassfibre reinforced polyester
- Fuse holding contacts with sacrificial electrode and short-circuit interlock
- With access points for safety voltage measurement on the fuse-holding contact
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Type label visible in built-in condition
- Lockable in closed position and in stand-by position with up to 3 padlocks

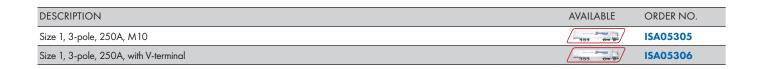
| Sandard         IEC/EN 60947-3           Bubar distance         185mm           Poles         3           Switching mode         3poles witchable           Applicable for fuse-link         NH1           Rated operating voltage         690V           Rated operating voltage         690V           Correr fires cirre cirr | Size   | NH1  |
|--|--|--|
| Poles         3           Switching mode         3pole switchable           Applicable for fuse-links         NH1           Rated operating outage         690V           Rated operating current         250A           Correr, free air thermal current with fuse-links         250A           Corw, free air thermal current with fuse-links         400A           Rated inpulse voltage         12kV           Rated inpulse voltage         12kV           Rated inpulse voltage         1000V           Rated inpulse voltage         1000V           Rated inpulse voltage         23W           Ullisation category         AC-228 (250A/500V)           Conditional short-circuit current         120 (AC 500V)(IA)           Rated conditional short-circuit current         120 (AC 500V)(IA)           Rated conditional short-circuit current         120 (AC 500V)(IA)           Rated conditional short-circuit current         23 up to +55 °C           Mounting position         Polerodon           Year of Station         Dependent monuel operation           Mounting position         1400           Oversoltage category         IV           Electrical endurance (switching cycles)         200           Dependent monuel operation         3   | Standard   | IEC/EN 60947-3                                   |
| Sitching mode         3pole switchoble           Applicable for fuse-links         NH1           Applicable for fuse-links         690V           Roted operating ourgent         250A           Current intreasurement         No           Conv. free air thermal current with solid links         400A           Roted inputse voltage         12kV           Rote display voltage         12kV           Rote display voltage         1000V           Roted inputse voltage         230A           Cons free air thermal current with solid links         400A           Roted inputse voltage         1000V           Roted inputse voltage         23W           Contact system voltage         23W           Contact system with low power loss         1000V           Roted conditional short-circuit current         23W           Max permissible power dissipation per fuse-link         23W           Acc288 (250A/500V)         23W           Roted conditional short-circuit current         120 (Acc 5000/[kA]           Max permissible power dissipation per fuse-link         32W           Application         250 poi +55°C           Type of Acturition         0eperating expression           Mounting position         250 poi +55°C  | Busbar distance                                  | 185mm  |
| Applicable for fuse-links         NH1           Rated operating voltage         600V           Rated operating current         250A           Current measurement         No           Conv. free air thermal current with fuse-links         250A           Conv. free air thermal current with solid links         400A           Rated inpulse voltage         1000V           Rated inpulse voltage         1000V           Rated frequency         40 - 60Hz           Cont of the sin thermal current with fuse-linkl         23W           Utilisation voltage         23W           Utilisation category         40 - 60Hz           Contact system         23W           Utilisation category         AC-22B (250A/500V)           Rated conditional short-circuit current         120 (AC 500V)[AA)           Max permissible power dissipation per fuse-link         32W           Utilisation category         -25 up to +55°C           Conduct system         -25 up to +55°C           Conduct   | Poles  | 3  |
| Roled operacting voltage         690V           Rated operacting current         250A           Current messurement         No           Conv. free oir thermal current with fuse-links         250A           Conv. free oir thermal current with solid links         250A           Conv. free oir thermal current with solid links         260A           Roted impulse voltage         12kV           Roted impulse voltage         1000V           Roted insplay voltage         23W           Roted insplay voltage         23W           Context system         DEITA-context system with low power loss           Total power loss of tilh (without fuse-link)         23W           Utilisation category         AC-228 [250A/500V]           Roted conditional short-circuit current         32W           Max permissible power disspation per fuse-link         32W           Ambient temperature         -25 up to +55 °C           Type of Actuation         Dependent monunal operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IN           Electrical and/unone (switching cycles)         200           Mechanical endurance (switching cycles)         1400           Degree of prot  | Switching mode                                   | 3pole switchable                                 |
| Rated operading current         250A           Current messurement         No           Corrent messurement         250A           Corrent messurement         250A           Corrent messurement with fuse-links         250A           Corrent messurement with solid links         400A           Rated inpulse voltage         12kV           Rated inpulse voltage         1000V           Rated frequency         40 - 60Hz           Contoct system with low power loss         23W           Utilisation category         23W           Utilisation category         AC-228 (250A/500V)           Rated conditional short-circuit current         120 (AC 500V)[kA]           Max permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Stated condition gortion         25 up to +55°C           Induming position         Vertical / horizontal           Poteroltage category         NV           Electrical endurance (switching cycles)         3           Overvoltage category         NV           Electrical endurance (switching cycles)         200           Machanical endurance (switching cycles)         1400           Degree of protection         1730           Cab   | Applicable for fuse-links                        | NH1  |
| Current measurement         No           Corv. free air thermal current with fuse-links         250A           Corv. free air thermal current with solid links         400A           Rated inpulse voltage         12kV           Rated inpulse voltage         1000V           Rated fisculation voltage         40.6A           Rated fisculation voltage         1000V           Rated fisculation voltage         0.60Hz           Contact system         DELTA-contact system with low power loss           Contact system         22W           Utilisation category         AC-22B (250A/500V)           AC-22B (250A/400V)         AC-22B (250A/400V)           Rated conditional short-circuit current         120 (AC 500V)(I(A)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Type of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IN           Ketchancel endurance (switching cycles)         IN00           Degree of protection         IP30           Category         IN00           Degree of protection         IP30      <   | Rated operating voltage                          | 690V   |
| Conv. free air thermal current with fuse-links         250A           Conv. free air thermal current with solid links         400A           Rated inpulse voltage         12kV           Rated inpulse voltage         1000V           Rated inpulse voltage         000V           Rated inpulse voltage         000V           Rated inpulse voltage         000V           Contact system         0ELIA-contact system with low power loss           Contact system         22W           Utilisation category         AC-228 (250A/500V)           Rated conditional short-circuit current         120 (AC-500V)[kA)           Rated conditional short-circuit current         120 (AC-500V)[kA)           Max permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55 °C           'ype of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pilution degree         3           Overvoltage category         N           Electrical endurance (switching cycles)         1400           Mounting position         Poso           Part of protection         IP30           Colle terminal ISA05305         Cable terminal IA02           Cable terminal ISA05305   | Rated operating current                          | 250A   |
| Conv. free air thermal current with solid links         400A           Rated inpulse voltage         12kV           Rated solotion voltage         1000V           Rated fiquency         40 - 60Hz           Contact system         DELTA-contact system with low power loss           Total power loss at th (without fuse-link)         23W           Utilisation category         AC-228 (250A/500V)           AC-228 (250A/500V)         AC-228 (250A/500V)           Rated conditional short-circuit current         120 (AC 500V)(kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Very of Actuation         Dependent manual operation           Mounting position         Vertained           Very oldgag category         IN           Electrical endurance (switching cycles)         200           Mechanical endurance (switching cycles)         1400           Degree of protection         IP30           Coale terminal ISA05305         IP30           Cable terminal ISA05305         IP30           Cable terminal ISA05305         V-box terminal           Clamping corse-section 25-240mm²         Compute 25-25-00mm²           Cable terminal ISA05305         Cable terminal M10   | Current measurement                              | No   |
| Rated impulse voltage         12k/           Rated isolation voltage         1000V           Rated frequency         40 - 60Hz           Contract system         DEITA-contract system with low power loss           Total power loss at lth (without fuse-link)         23W           Utilisation category         AC-22B (250A/500V)           AC-23B (250A/690V)         AC-23B (250A/400V)           Rated impulse power dissipation per fuse-link         32W           Ambient temperature         120 (AC 500V)[k])           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Vertical / horizontal         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvollage category         1400           Electrical endurance (switching cycles)         1400           Degree of protection         IP30           Cable terminal ISA05305         Tighterning lorque 325.1mg           Cable terminal ISA05305         Conduct cycle/ sime  | Conv. free air thermal current with fuse-links   | 250A   |
| Rated isolation voltage         1000V           Rated isolation voltage         40 - 60Hz           Contact system         DELTA-contact system with low power loss           Total power lass at th (without fuse-link)         23W           Utilisation category         AC-22B (250A/500V)           AC-22B (250A/400V)         AC-22B (250A/400V)           Rated conditional short-circuit current         120 (AC 500V)[(kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Sector details         -25 up to +55°C           Overvoltage category         N           Upp of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IN           Electrical endurance (switching cycles)         1000           Degree of protection         1P30           Cable terminal ISA05305         Cable lug (DIN 46 235) 1 x 25-150mm²           Cable terminal ISA05305         Cable terminal   | Conv. free air thermal current with solid links  | 400A   |
| Rated frequency         40 - 60Hz           Contoct system         DELTA-contact system with low power loss           Total power loss at Ith (without fuse-link)         23W           Utilisation category         AC:228 (250A/500V)           AC:228 (250A/690V)         AC:228 (250A/400V)           Rated conditional short-circuit current         120 (AC 500V)[kA]           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Type of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         1400           Degree of protection         IP30           Cable terminal ISA05305         Cable terminal           Cable terminal ISA05305         Cable terminal  | Rated impulse voltage                            | 12kV   |
| Contact system         DELTA-contact system with low power loss           Total power loss at lth (without fuse-link)         23W           Utilisation category         AC-228 (250A/500V)           AC-228 (250A/690V)         AC-228 (250A/400V)           Rated conditional short-circuit current         120 (AC 500V)(IkA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Variation         Dependent manual operation           Moxing position         Vertical / horizontal           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         1400           Degree of protection         1830           Cable terminal ISA05305         Flat terminal M10           Cable terminal ISA05305         V-box terminal  | Rated isolation voltage                          | 1000V  |
| Total power loss at lth (without fuse-link)         23W           Utilisation category         AC-22B (250A/500V)           AC-22B (250A/690V)         AC-22B (250A/40V)           Rated conditional short-circuit current         120 (AC 500V)(kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55°C           Variable         >35°C derating of rated current required           Type of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         1400           Degree of protection         1930           Cable terminal ISA05305         Flat terminal N10           Cable terminal ISA05305         V-box terminal           Clamping cross-section 25-240mm²         Conductor Cu/Al re/se, Cu am/rm   | Rated frequency                                  | 40 - 60Hz  |
| Utilisation category         AC-228 [250A/500V]           AC-228 [250A/690V]         AC-228 [250A/690V]           Ac-238 [250A/400V]         AC-238 [250A/400V]           Rated conditional short-circuit current         120 (AC 500V)[kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55° C           Vervoltage category         S35° C derating of rated current required           Type of Actuation         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         200           Mechanical endurance (switching cycles)         1400           Degree of protection         IP30           Cable terminal ISA05305         Flat terminal M10           Cable terminal ISA05305         V-box terminal           Cable terminal ISA05305         V-box terminal   | Contact system                                   | DELTA-contact system with low power loss         |
| AC-22B (250A/690V)           AC-22B (250A/400V)           Rated conditional short-circuit current           Max. permissible power dissipation per fuse-link           Max. permissible power dissipation per fuse-link           Ambient temperature           -25 up to +55°C           Image: temperature required           -25 up to +55°C           S35°C derating of rated current required           Type of Actuation           Mounting position           Vervoltage category           Electrical endurance (switching cycles)           Mechanical endurance (switching cycles)           Degree of protection           Cable terminal ISA05305           Cable terminal ISA05305           Cable terminal ISA05305           Clamping cross-section 25-240mm²   | Total power loss at Ith (without fuse-link)      | 23W  |
| AC-23B (250A/400V)           Rated conditional short-circuit current         120 (AC 500V)(kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55 °C           Vervoltage category         Dependent manual operation           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         1400           Degree of protection         1400           Cable terminal ISA05305         Flatterminal M10           Cable terminal ISA05305         V-box terminal           Cable terminal ISA05305         Cable terminal   | Utilisation category                             | AC-22B (250A/500V)                               |
| Rated conditional short-circuit current         120 (AC 500V)[kA)           Max. permissible power dissipation per fuse-link         32W           Ambient temperature         -25 up to +55 °C           Type of Actuation         >35°C derating of rated current required           Mounting position         Dependent manual operation           Mounting position         vertical / horizontal           Pollution degree         3           Overvoltage category         IV           Electrical endurance (switching cycles)         200           Mechanical endurance (switching cycles)         1400           Degree of protection         IP30           Cable terminal ISA05305         Cable terminal M10           Cable terminal ISA05305         V-box terminal           Clamping cross-section 25-240mm²         Clamping cross-section 25-240mm²  |  | AC-22B (250A/690V)                               |
| Max. permissible power dissipation per fuse-link       32W         Ambient temperature       -25 up to +55°C         S35°C derating of rated current required         Type of Actuation       Dependent manual operation         Mounting position       vertical / horizontal         Pollution degree       3         Overvoltage category       N         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²  |  | AC-23B (250A/400V)                               |
| Ambient temperature       -25 up to +55°C         Yape of Actuation       >35°C derating of rated current required         Mounting position       Dependent manual operation         Pollution degree       3         Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²  | Rated conditional short-circuit current          | 120 (AC 500V)(kA)                                |
| >35°C derating of rated current required         Type of Actuation       Dependent manual operation         Mounting position       vertical / horizontal         Pollution degree       3         Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm <sup>2</sup> Conductor Cu/Al re/se, Cu am/rm       Conductor Cu/Al re/se, Cu am/rm   | Max. permissible power dissipation per fuse-link | 32W  |
| Type of Actuation       Dependent manual operation         Mounting position       vertical / horizontal         Pollution degree       3         Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm <sup>2</sup> Conductor Cu/Al re/se, Cu am/rm       Conductor Cu/Al re/se, Cu am/rm  | Ambient temperature                              | -25 up to +55 °C                                 |
| Mounting position       vertical / horizontal         Pollution degree       3         Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm <sup>2</sup> Conductor Cu/Al re/se, Cu am/rm       Conductor Cu/Al re/se, Cu am/rm   |  | >35°C derating of rated current required         |
| Pollution degree       3         Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²         Conductor Cu/Al re/se, Cu am/rm       Conductor Cu/Al re/se, Cu am/rm   | Type of Actuation                                | Dependent manual operation                       |
| Overvoltage category       IV         Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       Cable lug (DIN 46 235) 1 x 25-150mm²         Tightening torque 30-35Nm       Tightening torque 30-35Nm         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²  | Mounting position                                | vertical / horizontal                            |
| Electrical endurance (switching cycles)       200         Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       Cable lug (DIN 46 235) 1 x 25-150mm²         Tightening torque 30-35Nm       Tightening torque 30-35Nm         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²  | Pollution degree                                 | 3  |
| Mechanical endurance (switching cycles)       1400         Degree of protection       IP30         Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       Cable lug (DIN 46 235) 1 x 25-150mm²         Tightening torque 30-35Nm       Tightening torque 30-35Nm         Cable terminal ISA05305       V-box terminal         Cable terminal ISA05305       Clamping cross-section 25-240mm²  | Overvoltage category                             | IV   |
| Degree of protection     IP30       Cable terminal ISA05305     Flat terminal M10       Cable lug (DIN 46 235) 1 x 25-150mm²       Tightening torque 30-35Nm       Cable terminal ISA05305       V-box terminal       Clamping cross-section 25-240mm²       Conductor Cu/Al re/se, Cu am/rm   | Electrical endurance (switching cycles)          | 200  |
| Cable terminal ISA05305       Flat terminal M10         Cable terminal ISA05305       Cable lug (DIN 46 235) 1 x 25-150mm²         Tightening torque 30-35Nm         Cable terminal ISA05305         V-box terminal         Clamping cross-section 25-240mm²         Conductor Cu/Al re/se, Cu am/rm   | Mechanical endurance (switching cycles)          | 1400   |
| Cable lug (DIN 46 235) 1 x 25-150mm²         Tightening torque 30-35Nm         Cable terminal ISA05305         V-box terminal         Clamping cross-section 25-240mm²         Conductor Cu/Al re/se, Cu am/rm   | Degree of protection                             | IP30   |
| Tightening torque 30-35Nm       Cable terminal ISA05305     V-box terminal       Clamping cross-section 25-240mm <sup>2</sup> Conductor Cu/Al re/se, Cu am/rm  | Cable terminal ISA05305                          | Flat terminal M10                                |
| Cable terminal ISA05305 V-box terminal Clamping cross-section 25-240mm <sup>2</sup> Conductor Cu/Al re/se, Cu am/rm  |  | Cable lug (DIN 46 235) 1 x 25-150mm <sup>2</sup> |
| Clamping cross-section 25-240mm <sup>2</sup><br>Conductor Cu/Al re/se, Cu am/rm  |  | Tightening torque 30-35Nm                        |
| Conductor Cu/Al re/se, Cu am/rm  | Cable terminal ISA05305                          | V-box terminal                                   |
|  |  | Clamping cross-section 25-240mm <sup>2</sup>     |
| Tightening torque 32Nm   |  | Conductor Cu/Al re/se, Cu am/rm                  |
|  |  | Tightening torque 32Nm                           |



Fuse loadbreak-disconnectors size 1 (250A), for 185mm busbar-system, series ARROW II

# 202 153.5 99 ω L1 285 185 Ø 14 F L2 ф 662 650 185 341 đ L3 Ê ₿ þ ISA05305 / ISA05306 Wiring diagram

ISA05305 Dimensions





Fuse loadbreak-disconnectors size 2 (400A), for 185mm busbar-system, series ARROW II



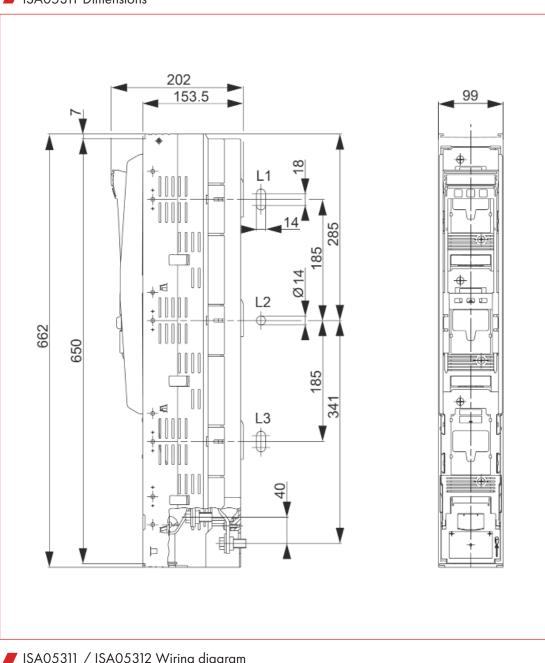
ISA05311

- Schrack-Info
  - NH-strip-type fuse-switch-disconnector for 185mm busbar-system
  - With cable connection at bottom side, optional at top side
  - Width 50mm
  - All parts of LSL made from halogenfree, self-extinguishing material
  - Base part as carrier of current carrying components made from glassfibre reinforced polyester
  - Fuse holding contacts with sacrificial electrode and short-circuit interlock
  - With access points for safety voltage measurement on the fuse-holding contact
  - Protection degree IP30, from front side, device closed, with clamp- and side cover
  - Type label visible in built-in condition
  - Lockable in closed position and in stand-by position with up to 3 padlocks

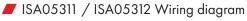
| Size   | NH2  |
|--|--|
| Standard   | IEC/EN 60947-3                                   |
| Busbar distance                                  | 185mm  |
| Poles  | 3  |
| Switching mode                                   | 3pole switchable                                 |
| Applicable for fuse-links                        | NH1 and NH2                                      |
| Rated operating voltage                          | 690V   |
| Rated operating current                          | 400A   |
| Current measurement                              | No   |
| Conv. free air thermal current with fuse-links   | 400A   |
| Conv. free air thermal current with solid links  | 630A   |
| Rated impulse voltage                            | 12kV   |
| Rated isolation voltage                          | 1000V  |
| Rated frequency                                  | 40 - 60Hz  |
| Contact system                                   | DELTA-contact system with low power loss         |
| Total power loss at Ith (without fuse-link)      | 54W  |
| Utilisation category                             | AC-21B (400A/690V)                               |
|  | AC-22B (400A/500V)                               |
|  | AC-23B (400A/400V)                               |
| Rated conditional short-circuit current          | 120kA (AC 500V)                                  |
| Max. permissible power dissipation per fuse-link | 45W  |
| Ambient temperature                              | -25 up to +55°C                                  |
| Ambient temperature                              | >35°C derating of rated current required         |
| Mounting position                                | vertical / horizontal                            |
| Altitude   | 2000m  |
| Pollution degree                                 | 3  |
| Overvoltage category                             | IV   |
| Electrical endurance (switching cycles)          | 200  |
| Mechanical endurance (switching cycles)          | 800  |
| Degree of protection                             | IP30   |
| Cable terminal ISA05311                          | Flat terminal M 12                               |
|  | Cable lug (DIN 46 235) 1 x 25-240mm <sup>2</sup> |
|  | Tightening torque 30-35Nm                        |
| Cable terminal ISA05312                          | V-box terminal                                   |
|  | Clamping cross-section 25-240mm <sup>2</sup>     |
|  | Conductor Cu/Al re/se, Cu am/rm                  |
|  | Tightening torque 32Nm                           |

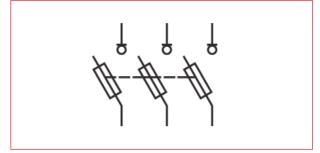


Fuse loadbreak-disconnectors size 2 (400A), for 185mm busbar-system, series ARROW II



ISA05311 Dimensions

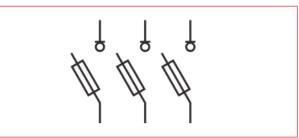






# NH-fuse-material series ARROW

- Fuse loadbreak-disconnectors size 2 (400A), for 185mm busbar-system, series ARROW II
- ISA05352 Wiring diagram



| DESCRIPTION   | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Size 2, 3-pole, 400A, M12                                   | 888 0-0   | ISA05311  |
| Size 2, 3-pole, 400A, with V-terminal                       |           | ISA05312  |
| ARROW LINE size 2, 3pole, 1pol switchable, 185mm w. V-term. |           | ISA05352  |
| HRC-in-line-fuse ARROW LINE size 2, 3pole, 185mm, M12       |           | ISA05342  |
| Size 2, 3-pole, 400A, M12, with window-bloc                 | 888       | ISA05311F |





## Fuse loadbreak-disconnectors size 3 (630A), for 185mm busbar-system, series ARROW II



ISA05320

#### Schrack-Info

- NH-strip-type fuse-switch-disconnector for 185mm busbar-system
- With cable connection at bottom side, optional at top side
- Width 50mm
- All parts of LSL made from halogenfree, self-extinguishing material
- Base part as carrier of current carrying components made from glassfibre reinforced polyester
- Fuse holding contacts with sacrificial electrode and short-circuit interlock
- With access points for safety voltage measurement on the fuse-holding contact
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Type label visible in built-in condition
- Lockable in closed position and in stand-by position with up to 3 padlocks

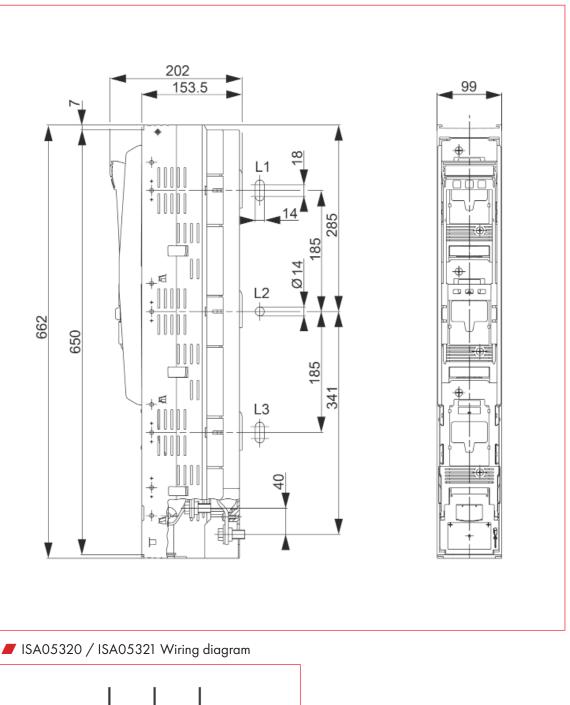
| Size   | NH3  |
|--|--|
| Standard   | IEC/EN 60947-3   |
| Busbar distance                                  | 185mm  |
| Poles  | 3  |
| Switching mode                                   | 3pole switchable   |
| Applicable for fuse-links                        | NH1, NH2 and NH3   |
| Rated operating voltage                          | 690V   |
| Rated operating current                          | 630A   |
| Current measurement                              | No   |
| Conv. free air thermal current with fuse-links   | 630A   |
| Conv. free air thermal current with solid links  | 800A   |
| Rated impulse voltage                            | 12kV   |
| Rated isolation voltage                          | 1000V  |
| Rated frequency                                  | 40 - 60Hz  |
| Contact system                                   | DELTA-contact system with low power loss                           |
| Total power loss at Ith (without fuse-link)      | 115W   |
| Utilisation category                             | AC-21 B (630A/690V)  |
|  | AC-22B (630A/500V)   |
|  | AC-23B (630A/400V)   |
| Rated conditional short-circuit current          | 120kA (AC 500V)  |
| Rated short-time withstand current               | 10kA   |
| Max. permissible power dissipation per fuse-link | 48W  |
| Ambient temperature                              | -25 up to +55°C  |
| Ambient temperature                              | >35°C derating of rated current required                           |
| Type of Actuation                                | Dependent manual operation   |
| Mounting position                                | vertical / horizontal  |
| Pollution degree                                 | 3  |
| Overvoltage category                             | IV   |
| Electrical endurance (switching cycles)          | 200  |
| Mechanical endurance (switching cycles)          | 800  |
| Degree of protection                             | IP30   |
| Cable terminal ISA05320                          | Flat terminal M 12   |
|  | Cable lug (DIN 46 235) 1 x 25-300mm <sup>2</sup> (max. 43mm width) |
|  | Tightening torque 35-40Nm  |
| Cable terminal ISA05321                          | V box terminal   |
|  | Clamping cross-section 25-240mm <sup>2</sup>                       |
|  | Conductor Cu/Al re/se, Cu am/rm                                    |
|  | Tightening torque 32Nm   |





Fuse loadbreak-disconnectors size 3 (630A), for 185mm busbar-system, series ARROW II

ISA05320 Dimensions



| DESCRIPTION   | AVAILABLE | ORDER NO. |
|---|-----------|-----------|
| Size3, 3-pole, 630A, M12                              | 869       | ISA05320  |
| Size3, 3-pole, 630A, with V-terminal                  |           | ISA05321  |
| HRC-in-line-fuse ARROW LINE size 3, 3pole, 185mm, M12 |           | ISA05343  |

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## NH-Line (HRC) fuse load-breaker size 3 (630A), for 185mm busbar-system, series ARROW II



## Schrack-Info

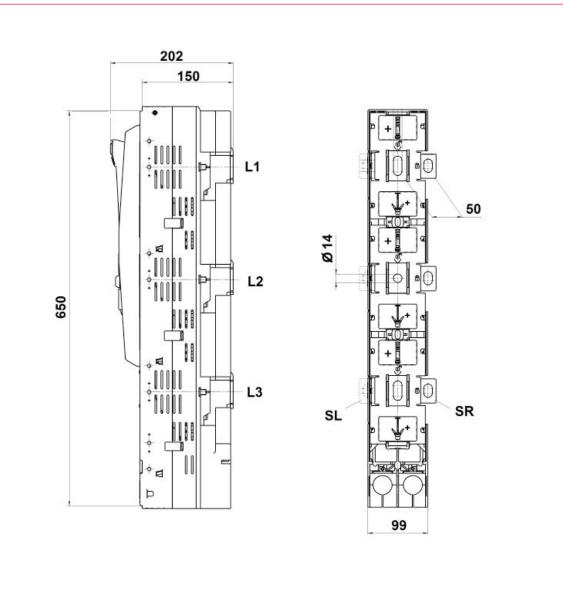
- Busbar coupler, Terminal at right or left side with screw M12
- With cable connection at bottom side, optional at top side
- Width 100mm, for permanent mounting technology
- All parts of LSL made from halogenfree, self-extinguishing material
- Base part as carrier of current carrying components made from glassfibre reinforced polyester
- Fuse holding contacts with sacrificial electrode and short-circuit interlock
- With access points for safety voltage measurement on the fuse-holding contact

#### ISA05331

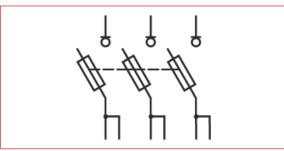
| Size   | NH3  |  |
|--|--|--|
| Product Lifecycle                                | Active product   |  |
| Standard   | IEC/EN60947-3  |  |
| Special features                                 | Busbar coupler   |  |
|  | ISA05330: Terminal at left side with screw M12           |  |
|  | ISA05331: Terminal at right side with screw M12          |  |
| Rated operating current                          | 630A   |  |
| Size   | NH3  |  |
| Busbar distance                                  | 185mm  |  |
| Rated operating voltage                          | 690V   |  |
| Conv. free air thermal current with fuse-links   | 630A   |  |
| Rated conditional short-circuit current          | 120 (AC 500V)kA  |  |
| Conv. free air thermal current with solid links  | 120 (AC 500V)kA<br>800A                                  |  |
| Rated impulse voltage                            | 800A 12kV  |  |
| Rated isolation voltage                          | 1000V  |  |
| Rated frequency                                  | 40 - 60Hz  |  |
| Contact system                                   | DELTA-contact system with low power loss                 |  |
| Utilisation category                             | AC-21B (630A/690V)                                       |  |
|  | AC-22B (630A/500V)                                       |  |
|  | AC-23B (630A/400V)                                       |  |
| Max. permissible power dissipation per fuse-link | 48W  |  |
| Ambient temperature                              | -25 up to +55 (>35 derating of rated current required)°C |  |
| Type of Actuation                                | Dependent manual operation                               |  |
| Mounting position                                | vertical / horizontal                                    |  |
| Pollution degree                                 | 3  |  |
| Overvoltage category                             | IV   |  |
| Electrical endurance (switching cycles)          | 200  |  |
| Mechanical endurance (switching cycles)          | 800  |  |
| Rated short-time withstand current               | 15kA   |  |
| Applicable for fuse-links                        |  |  |
| Cable terminal                                   | busbar terminal M 12 - busbar coupler                    |  |
| Degree of protection                             | IP30   |  |



NH-Line (HRC) fuse load-breaker size 3 (630A), for 185mm busbar-system, series ARROW II
 ISA05330 / ISA05331 Dimensions



## ISA05330 / ISA05331



| DESCRIPTION  | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| Input-HRC-in-line-fuse ARROW LINE size3, 3pole, 185mm, left  |           | ISA05330  |
| Input-HRC-in-line-fuse ARROW LINE size3, 3pole, 185mm, right |           | ISA05331  |



## Fuse bases, for 60 mm busbar-system







ISA05334

ISA05730

ISA05329

Schrack-Info

- Accessories for NH (HRC)-strip-type fuse-switch-disconnector, series ARROW II
- Fuse links and knife links are in the chapter accessories for NH (HRC) material

| DESCRIPTION  | AVAILABLE | ORDER NO. |
|--|-----------|-----------|
| Terminals for drillingfree mounting Set with 3pcs.       | 388       | ISA05333  |
| Current transformer 150A for ARROW LINE with CT-mounting |           | ISA05345  |
| Current transformer 400A for ARROW LINE with CT-mounting |           | ISA05347  |
| Current transformer 600A for ARROW LINE with CT-mounting |           | ISA05348  |
| V-double-clamp retrofit kit, size 1-3, 2 x 185 - 240mm²  | 385       | ISA05730  |
| Adapterplate for L1 on ARROW LINE                        |           | ISA05729  |
| Adjusting cover for ARROW II size 00 (1 pck = 2 pcs)     | 388       | ISA05329  |
| Cover one way  |           | ISA05731  |
| Cover cap for top or bottom terminal ARROW II 1-3        | 333 0- 0- | ISA05334  |

