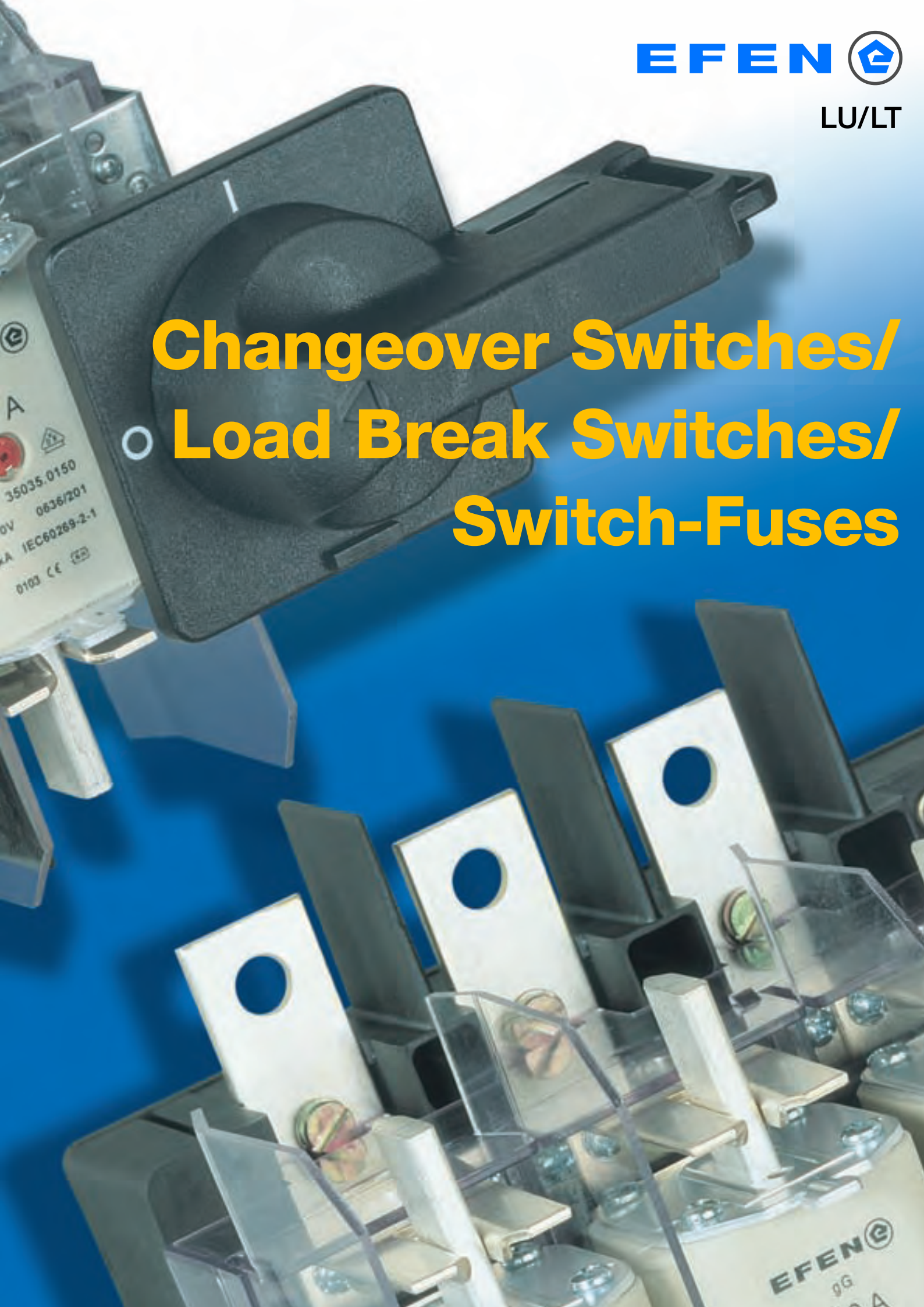


# **Changeover Switches/ Load Break Switches/ Switch-Fuses**



EFEN switches provide an excellent product range with lots of benefits in application, and technical design as well as a wide range of specific customer solutions.

Since EFEN has a long tradition as producer of fuses and fuse switch systems, EFEN has established itself as market leader in Europe.

EFEN will continue to develop according to customers requirements, specifications and updated international regulations.

| Norm  | Type               | Page  |
|---|--------------------|-------|
| EN 60947-1<br>EN 60947-3<br>IEC 60947-3<br>VDE 0660-T107          | FWA                | 4     |
|   | FWA-HLD            | 5     |
|   | HSWA               | 6-7   |
|   | FAM                | 8     |
|   | FMU (FMUN)         | 9-10  |
|   | FMU BY1 (FMUN BY1) | 11-12 |
|   | SILA-NH            | 13    |
|   | SILAD-NH           | 13    |
| EN 60947-1<br>EN 60947-3<br>IEC 60947-3<br>VDE 0660-T107<br>BS 88 |                    |       |
|   | SILA-BS            | 14    |
|   | SILAD-BS           | 15    |
|   |                    |       |
|   |                    |       |

Engineering progresses are a continuous process for EFEN. All information and data may therefore be changed without notification.

# Contents

| Description                    | Standard/Regulation |       |       | Range     | Type                  | Page       |
|--------------------------------|---------------------|-------|-------|-----------|-----------------------|------------|
|                                | AC21B               | AC22B | AC23B |           |                       |            |
| Load Break Switches            | 690V                | 415V  |       | 63-630A   | FWA                   | 4          |
| Load Break Switches            |                     | 415V  | 415V  | 250-1250A | FWA/HLD               | 5          |
| Main Switches                  |                     | 415V  | 415V  | 250-1250A | HSWA                  | 6-7        |
| Load Break Switches            | 690V                | 415V  |       | 63-300A   | FAM                   | 8          |
| Load Changeover Switches 1-0-2 | 415V                |       |       | 63-2000A  | FMU<br>(FMUN)         | 9-10<br>10 |
| Bypass Switches 1-0-2          | 415V                |       |       | 63-2000A  | FMU-BY1<br>(FMUN-BY1) | 11-12      |
| Switch Fuses DIN               |                     | 415V  |       | 63-125A   | SILA                  | 13         |
| Switch Fuses DIN               |                     | 415V  |       | 63-630A   | SILAD-NH              | 13         |
| Switch Fuses BS                |                     | 415V  |       | 25-125A   | SILAS-BS              | 14         |
| Switch Fuses BS                |                     | 415V  |       | 25-300A   | SILAD-BS              | 15         |



# Load Break Switches

## 3- and 4-poles, 63 - 630A

### Type FWA

**AC22B**  
**415V**

#### APPLICATION

- Switchboards, Panels
- Distribution Boards, Motor Control Centres

#### DESIGN FEATURES

- High performance
- Small dimensions
- Quick break forced operation
- Double break contacts

More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



**FWA 40/3K**

| Rated un-interrupted current $I_u$ | Rated oper. current $I_o$ AC22B 415V |  | No. of Poles | Maximum conductor cross section            | Order No.                              | Type                                 | Overall dimensions W x H x D             | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; incoming terminal shroud |
|------------------------------------|--------------------------------------|--|--------------|--|--|--------------------------------------|--|---|--|
| <b>63A</b>                         | 63A o. d.                            |  | 3<br>4       | 35 mm <sup>2</sup><br>35 mm <sup>2</sup>   | <b>29100.0401</b><br><b>29104.0401</b> | <b>FWA 6/3K</b><br><b>FWA 6/4K</b>   | 72 x 104 x 71 mm<br>72 x 82 x 71 mm      | 36541.0010<br>36541.0010                                    | 31828.0200<br>31828.0100                 |
| <b>80A</b>                         | 80A o. d.                            |  | 3<br>4       | 35 mm <sup>2</sup><br>35 mm <sup>2</sup>   | <b>29100.0501</b><br><b>29104.0501</b> | <b>FWA 8/3K</b><br><b>FWA 8/4K</b>   | 72 x 104 x 71 mm<br>72 x 82 x 71 mm      | 36541.0010<br>36541.0010                                    | 31828.0200<br>31828.0100                 |
| <b>100A</b>                        | 100A o. d.                           |  | 3<br>4       | 35 mm <sup>2</sup><br>35 mm <sup>2</sup>   | <b>29100.0601</b><br><b>29104.0601</b> | <b>FWA 10/3K</b><br><b>FWA 10/4K</b> | 72 x 104 x 71 mm<br>72 x 82 x 71 mm      | 36541.0010<br>36541.0010                                    | 31828.0200<br>31828.0100                 |
| <b>125A</b>                        | 125A o. d.                           |  | 3<br>4       | 50 mm <sup>2</sup><br>50 mm <sup>2</sup>   | <b>29100.0700</b><br><b>29104.0700</b> | <b>FWA 12/3K</b><br><b>FWA 12/4K</b> | 123 x 138 x 85 mm<br>121 x 145 x 84 mm   | 36509.0010<br>36509.0010                                    | 36573.0010<br>36573.0010                 |
| <b>160A</b>                        | 160A o. d.                           |  | 3<br>4       | 70 mm <sup>2</sup><br>70 mm <sup>2</sup>   | <b>29100.0800</b><br><b>29104.0800</b> | <b>FWA 16/3K</b><br><b>FWA 16/4K</b> | 123 x 138 x 85 mm<br>121 x 145 x 84 mm   | 36509.0010<br>36509.0010                                    | 36573.0010<br>36573.0010                 |
| <b>200A</b>                        | 200A o. d.                           |  | 3<br>4       | 150 mm <sup>2</sup><br>150 mm <sup>2</sup> | <b>29100.0900</b><br><b>29104.0900</b> | <b>FWA 20/3K</b><br><b>FWA 20/4K</b> | 123 x 138 x 85 mm<br>210 x 210 x 118 mm  | 36509.0010<br>36509.0010                                    | 36573.0010<br>36573.0010                 |
| <b>250A</b>                        | 250A o. d.                           |  | 3<br>4       | 185 mm <sup>2</sup><br>185 mm <sup>2</sup> | <b>29100.1000</b><br><b>29104.1000</b> | <b>FWA 25/3K</b><br><b>FWA 25/4K</b> | 200 x 210 x 118 mm<br>210 x 210 x 118 mm | 36509.0010<br>36509.0010                                    | 36573.0010<br>36573.0010                 |
| <b>315A</b>                        | 315A o. d.                           |  | 3<br>4       | 195 mm <sup>2</sup><br>195 mm <sup>2</sup> | <b>29100.1200</b><br><b>29104.1200</b> | <b>FWA 30/3K</b><br><b>FWA 30/4K</b> | 200 x 210 x 118 mm<br>210 x 210 x 118 mm | 36680.0010<br>36680.0010                                    | 36658.0010<br>36658.0010                 |
| <b>400A</b>                        | 400A<br>400A                         |  | 3<br>4       | 240 mm <sup>2</sup><br>240 mm <sup>2</sup> | <b>29100.1300</b><br><b>29104.1300</b> | <b>FWA 40/3K</b><br><b>FWA 40/4K</b> | 200 x 210 x 118 mm<br>210 x 210 x 118 mm | 36680.0010<br>36680.0010                                    | 36658.0010<br>36658.0010                 |
| <b>630A</b>                        | 630A o. d.                           |  | 3<br>4       | 240 mm <sup>2</sup><br>240 mm <sup>2</sup> | <b>29100.1500</b><br><b>29104.1500</b> | <b>FWA 63/3K</b><br><b>FWA 63/4K</b> | 200 x 225 x 118 mm<br>210 x 232 x 118 mm | 36680.0010<br>36680.0010                                    | 36658.0010<br>36658.0010                 |

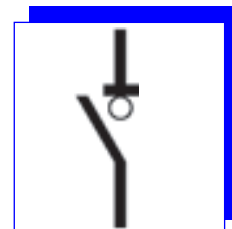
o. d. = on demand

# Load Break Switches

## 3- and 4-poles, 205 - 1250A

### Type FWA-HLD

**AC22B**  
**415V**  
**AC23B**  
**415V**



#### APPLICATION

- Heavy duty requirements of industry
- Main switchboards
- Motor control centres

#### DESIGN FEATURES

- High electrical performance AC23
- Compact dimensions
- Quick break forced operation
- Various optional accessories

More information (dimensions, technical data) on request.

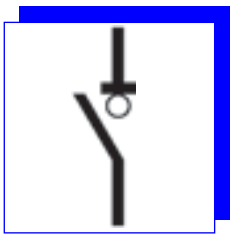
#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



**FWA-HLD 63/3 with cable clamps  
and auxiliary contact**

| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC22B 415V | Rated oper. current $I_e$ AC23B 415V | No. of Poles | Maximum conductor cross section | Order No.         | Type                 | Overall dimensions W x H x D | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; incoming terminal shroud |
|------------------------------------|--------------------------------------|--------------------------------------|--------------|---------------------------------|-------------------|----------------------|------------------------------|---|--|
| <b>250A</b>                        | 250A<br>250A                         | 250A<br>250A                         | 3            | 185 mm <sup>2</sup>             | <b>29110.1000</b> | <b>FWA-HLD 25/3K</b> | 200x210x118 mm               | 36680.0010  | 36538.0010                               |
|                                    |                                      |                                      | 4            | 185 mm <sup>2</sup>             | <b>29114.1000</b> | <b>FWA-HLD 25/4K</b> | 210x210x118 mm               | 36680.0010  | 36538.0010                               |
| <b>300A</b>                        | 300A<br>300A                         | 250A<br>250A                         | 3            | 195 mm <sup>2</sup>             | <b>29110.1200</b> | <b>FWA-HLD 30/3K</b> | 200x210x118 mm               | 36680.0010  | 36538.0010                               |
|                                    |                                      |                                      | 4            | 195 mm <sup>2</sup>             | <b>29114.1200</b> | <b>FWA-HLD 30/4K</b> | 210x210x118 mm               | 36680.0010  | 36538.0010                               |
| <b>400A</b>                        | 400A<br>400A                         | 250A<br>250A                         | 3            | 240 mm <sup>2</sup>             | <b>29110.1300</b> | <b>FWA-HLD 40/3K</b> | 200x210x118 mm               | 36680.0010  | 36538.0010                               |
|                                    |                                      |                                      | 4            | 240 mm <sup>2</sup>             | <b>29114.1300</b> | <b>FWA-HLD 40/4K</b> | 210x210x118 mm               | 36680.0010  | 36538.0010                               |
| <b>500A</b>                        | 500A<br>500A                         | 400A<br>400A                         | 3            | 2x150 mm <sup>2</sup>           | <b>29110.1400</b> | <b>FWA-HLD 50/3K</b> | 200x228x118 mm               | 36680.0010  | 36538.0010                               |
|                                    |                                      |                                      | 4            | 2x150 mm <sup>2</sup>           | <b>29114.1400</b> | <b>FWA-HLD 50/4K</b> | 210x232x118 mm               | 36680.0010  | 36538.0010                               |
| <b>630A</b>                        | 630A<br>630A                         | 400A<br>400A                         | 3            | 2x185 mm <sup>2</sup>           | <b>29110.1500</b> | <b>FWA-HLD 63/3K</b> | 200x225x118 mm               | 36680.0010  | 36538.0010                               |
|                                    |                                      |                                      | 4            | 2x185 mm <sup>2</sup>           | <b>29114.1500</b> | <b>FWA-HLD 63/4K</b> | 210x232x118 mm               | 36680.0010  | 36538.0010                               |
| <b>800A</b>                        | 800A<br>800A                         | 500A<br>500A                         | 3            | 2x185 mm <sup>2</sup>           | <b>29110.1600</b> | <b>FWA-HLD 80/3</b>  | 280x260x160 mm               | 36505.0010  | 36586.0100                               |
|                                    |                                      |                                      | 4            | 2x185 mm <sup>2</sup>           | <b>29114.1600</b> | <b>FWA-HLD 80/4</b>  | 360x260x160 mm               | 36505.0010  | 36587.0100                               |
| <b>1000A</b>                       | 1000A<br>1000A                       | 500A<br>500A                         | 3            | 2x240 mm <sup>2</sup>           | <b>29110.1700</b> | <b>FWA-HLD 100/3</b> | 280x260x160 mm               | 36505.0010  | 36586.0100                               |
|                                    |                                      |                                      | 4            | 2x240 mm <sup>2</sup>           | <b>29114.1700</b> | <b>FWA-HLD 100/4</b> | 360x260x160 mm               | 36505.0010  | 36587.0100                               |
| <b>1250A</b>                       | 1250A<br>1250A                       | 500A<br>500A                         | 3            | 2x300 mm <sup>2</sup>           | <b>29110.1800</b> | <b>FWA-HLD 125/3</b> | 280x260x160 mm               | 36505.0010  | 36586.0100                               |
|                                    |                                      |                                      | 4            | 2x300 mm <sup>2</sup>           | <b>29114.1800</b> | <b>FWA-HLD 125/4</b> | 360x260x160 mm               | 36505.0010  | 36587.0100                               |



# Main Switches 3- and 4-poles, 250 - 630A Type HSWA

**AC22B**  
**415V**  
**AC23B**  
**415V**

## APPLICATION

- Machine tools, injection moulding machines
- Main switch boards
- Control boards

## DESIGN FEATURES

- Modular, compact design
- High electrical performance AC23
- Compact dimensions
- Various optional accessories

More information (dimensions, technical data) on request.

## DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, terminal cover for incoming terminals, padlockable handle and escutcheon plate. Other accessories on request.



| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC22B 415V | Rated oper. current $I_e$ AC23B 415V | No. of Poles | Maximum conductor cross section | Order No.         | Type              | Overall dimensions W x H x D | Order No. H1S10; aux contact 1NC 1NO in Pos. 1 |
|------------------------------------|--------------------------------------|--------------------------------------|--------------|---------------------------------|-------------------|-------------------|------------------------------|--|
| <b>250A</b>                        | 250A<br>250A                         | 250A<br>250A                         | 3            | 185 mm <sup>2</sup>             | <b>29160.1000</b> | <b>HSWA 25/3K</b> | 200 x 210 x 118 mm           | 36516.0010                                     |
|                                    |                                      |                                      | 4            | 185 mm <sup>2</sup>             | <b>29164.1000</b> | <b>HSWA 25/4K</b> | 210 x 210 x 118 mm           | 36516.0010                                     |
| <b>315A</b>                        | 315A<br>315A                         | 250A<br>250A                         | 3            | 195 mm <sup>2</sup>             | <b>29160.1200</b> | <b>HSWA 30/3K</b> | 200 x 210 x 118 mm           | 36516.0010                                     |
|                                    |                                      |                                      | 4            | 195 mm <sup>2</sup>             | <b>29164.1200</b> | <b>HSWA 30/4K</b> | 210 x 210 x 118 mm           | 36516.0010                                     |
| <b>400A</b>                        | 400A<br>400A                         | 250A<br>250A                         | 3            | 240 mm <sup>2</sup>             | <b>29160.1300</b> | <b>HSWA 40/3K</b> | 200 x 210 x 118 mm           | 36516.0010                                     |
|                                    |                                      |                                      | 4            | 240 mm <sup>2</sup>             | <b>29164.1300</b> | <b>HSWA 40/4K</b> | 210 x 210 x 118 mm           | 36516.0010                                     |
| <b>500A</b>                        | 500A<br>500A                         | 400A<br>400A                         | 3            | 2x150 mm <sup>2</sup>           | <b>29160.1400</b> | <b>HSWA 50/3K</b> | 200 x 228 x 118 mm           | 36516.0010                                     |
|                                    |                                      |                                      | 4            | 2x150 mm <sup>2</sup>           | <b>29164.1400</b> | <b>HSWA 50/4K</b> | 208 x 232 x 118 mm           | 36516.0010                                     |
| <b>630A</b>                        | 630A<br>630A                         | 400A<br>400A                         | 3            | 2x185 mm <sup>2</sup>           | <b>29160.1500</b> | <b>HSWA 63/3K</b> | 200x225x118 mm               | 36516.0010                                     |
|                                    |                                      |                                      | 4            | 2x185 mm <sup>2</sup>           | <b>29164.1500</b> | <b>HSWA 63/4K</b> | 210x232x118 mm               | 36516.0010                                     |

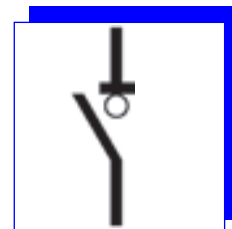


# Main Switches

## 3- and 4-poles, 800 - 1250A

### Type HSWA

**AC22B**  
**415V**  
**AC23B**  
**415V**



#### APPLICATION

- Machine tools, injection moulding machines
- Main switch boards
- Control boards

#### DESIGN FEATURES

- Modular, compact design
- High electrical performance AC23
- Compact dimensions
- Various optional accessories

More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, terminal cover for incoming terminals, padlockable handle and escutcheon plate. Other accessories on request.



**HSWA 63/3K with cable clamps  
and auxiliary contact**

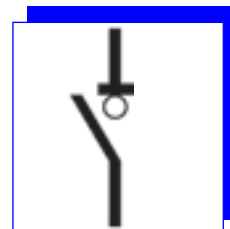
| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC22B 415V | Rated oper. current $I_e$ AC23B 415V | No. of Poles | Maximum conductor cross section | Order No.         | Type              | Overall dimensions W x H x D | Order No. H1S1O; aux contact 1NC 1NO in Pos. 1 | Order No. KLAD; incoming terminal shroud |
|------------------------------------|--------------------------------------|--------------------------------------|--------------|---------------------------------|-------------------|-------------------|------------------------------|--|--|
| <b>800A</b>                        | 800A<br>800A                         | 500A<br>500A                         | 3            | 2x185 mm <sup>2</sup>           | <b>29160.1600</b> | <b>HSWA 80/3</b>  | 280x262x164 mm               | 36504.0010                                     | o. d.                                    |
|                                    |                                      |                                      | 4            | 2x185 mm <sup>2</sup>           | <b>29164.1600</b> | <b>HSWA 80/4</b>  | 360x262x164 mm               | 36504.0010                                     | o. d.                                    |
| <b>1000A</b>                       | 1000A<br>1000A                       | 500A<br>500A                         | 3            | 2x240 mm <sup>2</sup>           | <b>29160.1700</b> | <b>HSWA 100/3</b> | 280x262x164 mm               | 36504.0010                                     | o. d.                                    |
|                                    |                                      |                                      | 4            | 2x240 mm <sup>2</sup>           | <b>29164.1700</b> | <b>HSWA 100/4</b> | 360x262x164 mm               | 36504.0010                                     | o. d.                                    |
| <b>1250A</b>                       | 1250A<br>1250A                       | 500A<br>500A                         | 3            | 2x300 mm <sup>2</sup>           | <b>29160.1800</b> | <b>HSWA 125/3</b> | 280x262x164 mm               | 36504.0010                                     | o. d.                                    |
|                                    |                                      |                                      | 4            | 2x300 mm <sup>2</sup>           | <b>29164.1800</b> | <b>HSWA 125/4</b> | 360x262x164 mm               | 36504.0010                                     | o. d.                                    |

# Load Break Switches

## 3- and 4-poles, 63 - 300A

### Type FAM

**AC21B**  
**690V**  
**AC22B**  
**415V**



#### APPLICATION

- Switchboards, Panels
- Motor Control Centres

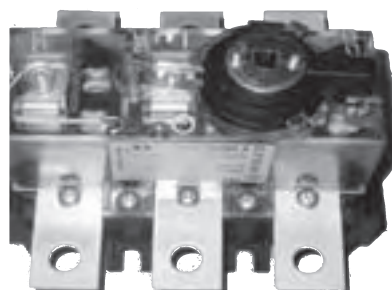
#### DESIGN FEATURES

- High ratings and performance
- Strong knife-contact system
- Double break
- Visible contacts in Off-position

More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



**FAM 12/3**

| Rated un-interrupted current $I_u$                              | Rated oper. current $I_o$ AC21B 690V | Rated oper. current $I_o$ AC22B 415V | No. of Poles | Maximum conductor cross section | Order No.   | Type   | Overall dimensions W x H x D | Order No. H1S10; aux contact 1NC 1NO in Pos. 1          | Order No. KLAD; incoming terminal shroud |
|---|--------------------------------------|--------------------------------------|--------------|---------------------------------|---|--|------------------------------|---|--|
| <b>63A</b>  | 63A                                  | 63A                                  | 3            | 25 mm <sup>2</sup>              | <b>29250.0401</b>   | <b>FAM 6/3</b>   | 114 x 95 x 72 mm             | 36593.0010 <sup>(1)</sup><br>36593.0010 <sup>(1)</sup>  | integrated integrated                    |
| <b>80A</b>  | 80A                                  | 80A                                  | 3            | 25 mm <sup>2</sup>              | <b>29250.0501</b>   | <b>FAM 8/3</b>   | 114 x 95 x 72 mm             | 36593.0010 <sup>(1)</sup>                               | integrated integrated                    |
| <b>100A</b>   | 100A                                 | 80A                                  | 3            | 70 mm <sup>2</sup>              | <b>29250.0600</b>   | <b>FAM 10/3</b>  | 114 x 110 x 72 mm            | 36593.0010 <sup>(1)</sup>                               | 36702.0010                               |
| <b>125A</b>   | 125A                                 | 80A                                  | 3            | 70 mm <sup>2</sup>              | <b>29250.0700</b>   | <b>FAM 12/3</b>  | 114 x 110 x 72 mm            | 36593.0010 <sup>(1)</sup>                               | 36702.0010                               |
| <b>160A</b>   | 160A                                 | 100A                                 | 3            | 70 mm <sup>2</sup>              | <b>29250.0800</b>   | <b>FAM 16/3</b>  | 114 x 110 x 72 mm            | 36593.0010 <sup>(1)</sup>                               | 36702.0010                               |
| <b>200A</b>   | 200A                                 | 200A                                 | 3            | 150 mm <sup>2</sup>             | <b>29250.0900</b>   | <b>FAM 20/3</b>  | 208 x 210 x 94 mm            | 36596.0010  | 36506.0010                               |
| <b>250A</b>   | 250A                                 | 200A                                 | 3            | 150 mm <sup>2</sup>             | <b>29250.1000</b>   | <b>FAM 25/3</b>  | 208 x 210 x 94 mm            | 36596.0010  | 36506.0010                               |
| <b>300A</b>   | 300A                                 | 250A                                 | 3            | 240 mm <sup>2</sup>             | <b>29250.1100</b>   | <b>FAM 30/3</b>  | 208 x 210 x 94 mm            | 36596.0010  | 36506.0010                               |
| <b>Accessories</b><br><b>Neutral for 3 pole +N order number</b> |                                      |                                      |              |                                 | <b>36906.0010</b><br><b>36907.0010</b><br><b>36908.0010</b> | <b>box terminal</b><br><b>lug terminal</b><br><b>multiple use terminal</b> |                              | <b>Remark:</b><br><sup>(1)</sup> auxiliary contact 1c/o |  |

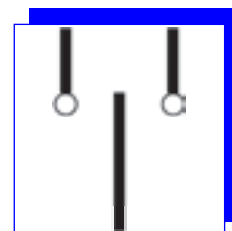


# Load Changeover Switches

## 3- and 4-poles, 63 - 800A

### Type FMU (FMUN)

**AC21B**  
**415V**



#### APPLICATION

- Main generator switchboards
- Power supplies for airports, hospitals, broadcasting
- Switchboards at telecommunication systems

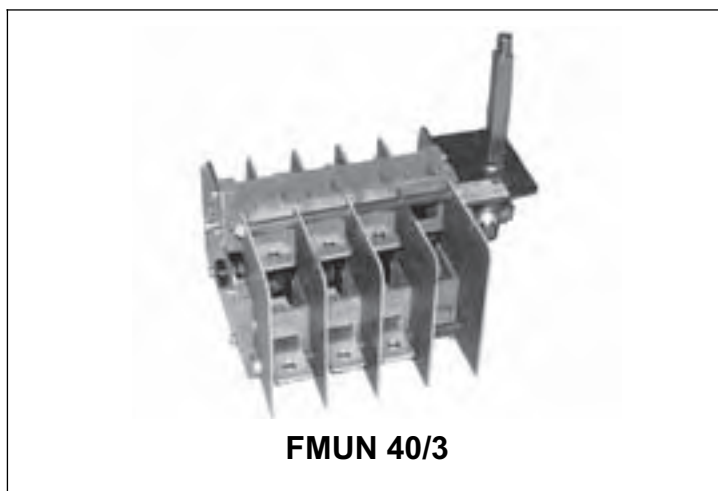
#### DESIGN FEATURES

- Unique switching arrangement
- Unique L-shape moving contact
- High safety and performance
- Visible, strong knife contact system

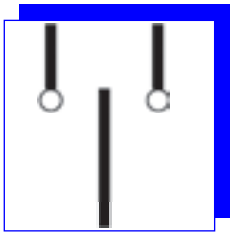
More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC21B 415V |  | No. of Poles | Maximum conductor cross section | Order No.         | Type             | Overall dimensions W x H x D | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; overall terminal shroud |
|------------------------------------|--------------------------------------|--|--------------|---------------------------------|-------------------|------------------|------------------------------|---|---|
| <b>63A</b>                         | 63A<br>63A                           |  | 3            | 25 mm <sup>2</sup>              | <b>29300.0400</b> | <b>FMU 6/3</b>   | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29304.0400</b> | <b>FMU 6/4</b>   | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
| <b>80A</b>                         | 80A<br>80A                           |  | 3            | 25 mm <sup>2</sup>              | <b>29300.0500</b> | <b>FMU 8/3</b>   | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29304.0500</b> | <b>FMU 8/4</b>   | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
| <b>100A</b>                        | 100A<br>100A                         |  | 3            | 25 mm <sup>2</sup>              | <b>29300.0600</b> | <b>FMU 10/3</b>  | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29304.0600</b> | <b>FMU 10/4</b>  | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
| <b>125A</b>                        | 125A<br>125A                         |  | 3            | 35 mm <sup>2</sup>              | <b>29300.0700</b> | <b>FMU 12/3</b>  | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
|                                    |                                      |  | 4            | 35 mm <sup>2</sup>              | <b>29304.0700</b> | <b>FMU 12/4</b>  | 186 x 150 x 108 mm           | 36509.0010  | 36503.0010                              |
| <b>160A</b>                        | 160A<br>160A                         |  | 3            | 70 mm <sup>2</sup>              | <b>29300.0800</b> | <b>FMU 16/3</b>  | 186 x 221 x 108 mm           | 36509.0010  | 36503.0010                              |
|                                    |                                      |  | 4            | 70 mm <sup>2</sup>              | <b>29304.0800</b> | <b>FMU 16/4</b>  | 186 x 221 x 108 mm           | 36509.0010  | 36503.0010                              |
| <b>200A</b>                        | 200A<br>200A                         |  | 3            | 120 mm <sup>2</sup>             | <b>29320.0900</b> | <b>FMUN 20/3</b> | 246 x 181 x 103 mm           | 36509.0010  | 36645.0010                              |
|                                    |                                      |  | 4            | 120 mm <sup>2</sup>             | <b>29324.0900</b> | <b>FMUN 20/4</b> | 246 x 181 x 103 mm           | 36509.0010  | 36645.0010                              |
| <b>250A</b>                        | 250A<br>250A                         |  | 3            | 150 mm <sup>2</sup>             | <b>29320.1000</b> | <b>FMUN 25/3</b> | 246 x 181 x 103 mm           | 36509.0010  | 36645.0010                              |
|                                    |                                      |  | 4            | 150 mm <sup>2</sup>             | <b>29324.1000</b> | <b>FMUN 25/4</b> | 246 x 181 x 103 mm           | 36509.0010  | 36645.0010                              |
| <b>300A</b>                        | 300A<br>300A                         |  | 3            | 185 mm <sup>2</sup>             | <b>29320.1100</b> | <b>FMUN 30/3</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
|                                    |                                      |  | 4            | 185 mm <sup>2</sup>             | <b>29324.1100</b> | <b>FMUN 30/4</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
| <b>400A</b>                        | 400A<br>400A                         |  | 3            | 240 mm <sup>2</sup>             | <b>29320.1300</b> | <b>FMUN 40/3</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
|                                    |                                      |  | 4            | 240 mm <sup>2</sup>             | <b>29324.1300</b> | <b>FMUN 40/4</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
| <b>500A</b>                        | 500A<br>500A                         |  | 3            | 300 mm <sup>2</sup>             | <b>29320.1400</b> | <b>FMUN 50/3</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
|                                    |                                      |  | 4            | 300 mm <sup>2</sup>             | <b>29324.1400</b> | <b>FMUN 50/4</b> | 287 x 285 x 143 mm           | 36505.0010  | 36588.0010                              |
| <b>630A</b>                        | 630A<br>630A                         |  | 3            | 2x185 mm <sup>2</sup>           | <b>29300.1500</b> | <b>FMU 63/3</b>  | 390 x 300 x 192 mm           | 36515.0010  | 36703.0010                              |
|                                    |                                      |  | 4            | 2x185 mm <sup>2</sup>           | <b>29304.1500</b> | <b>FMU 63/4</b>  | 475 x 300 x 192 mm           | 36515.0010  | 36651.0010                              |
| <b>800A</b>                        | 800A<br>800A                         |  | 3            | 2x185 mm <sup>2</sup>           | <b>29300.1600</b> | <b>FMU 80/3</b>  | 390 x 300 x 192 mm           | 36515.0010  | 36703.0010                              |
|                                    |                                      |  | 4            | 2x185 mm <sup>2</sup>           | <b>29304.1600</b> | <b>FMU 80/4</b>  | 475 x 300 x 192 mm           | 36515.0010  | 36651.0010                              |



# Load Changeover Switches

## 3- and 4-poles, 1000 - 2000A

### Type FMU

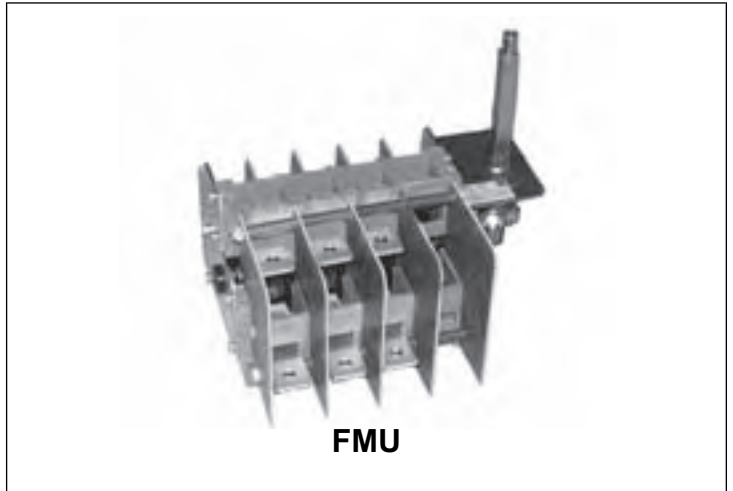
**AC21B**  
**415V**

#### APPLICATION

- Main generator switchboards
- Power supplies for airports, hospitals, broadcasting
- Switchboards at telecommunication systems

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



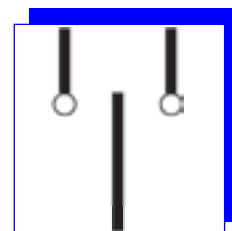
| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC21B 415V |  | No. of Poles | Maximum conductor cross section | Order No.         | Type             | Overall dimensions W x H x D | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; overall terminal shroud |
|------------------------------------|--------------------------------------|--|--------------|---------------------------------|-------------------|------------------|------------------------------|---|---|
| <b>1000A</b>                       | 1000A<br>1000A                       |  | 3            | 2x240 mm <sup>2</sup>           | <b>29300.1700</b> | <b>FMU 100/3</b> | 390x300x180 mm               | 36515.0010  | 36703.0010                              |
|                                    |                                      |  | 4            | 2x240 mm <sup>2</sup>           | <b>29304.1700</b> | <b>FMU 100/4</b> | 475x300x180 mm               | 36515.0010  | 36651.0010                              |
| <b>1250A</b>                       | 1250A<br>1250A                       |  | 3            | 2x40x5 mm                       | <b>29300.1800</b> | <b>FMU 125/3</b> | 390x300x180 mm               | 36515.0010  | 36703.0010                              |
|                                    |                                      |  | 4            | 2x40x5 mm                       | <b>29304.1800</b> | <b>FMU 125/4</b> | 475x300x180 mm               | 36515.0010  | 36651.0010                              |
| <b>1600A</b>                       | 1600A<br>1600A                       |  | 3            | 2x60x5 mm                       | <b>29300.1900</b> | <b>FMU 160/3</b> | 474x410x238 mm               | 36612.0010  | 36694.0010                              |
|                                    |                                      |  | 4            | 2x60x5 mm                       | <b>29304.1900</b> | <b>FMU 160/4</b> | 575x410x238 mm               | 36612.0010  | 36587.0010                              |
| <b>2000A</b>                       | 2000A<br>2000A                       |  | 3            | 2x80x5 mm                       | <b>29300.2000</b> | <b>FMU 200/3</b> | 474x410x238 mm               | 36612.0010  | 36694.0010                              |
|                                    |                                      |  | 4            | 2x80x5 mm                       | <b>29304.2000</b> | <b>FMU 200/4</b> | 575x410x238 mm               | 36612.0010  | 36587.0010                              |

# Bypass Switches

## 3- and 4-poles, 63 - 800A

### Type FMU BY1 (FMUN BY1)

**AC21B**  
**415V**



#### APPLICATION

- Main generator switchboards
- Power supplies for airports, hospitals, broadcasting
- Switchboards at telecommunication systems

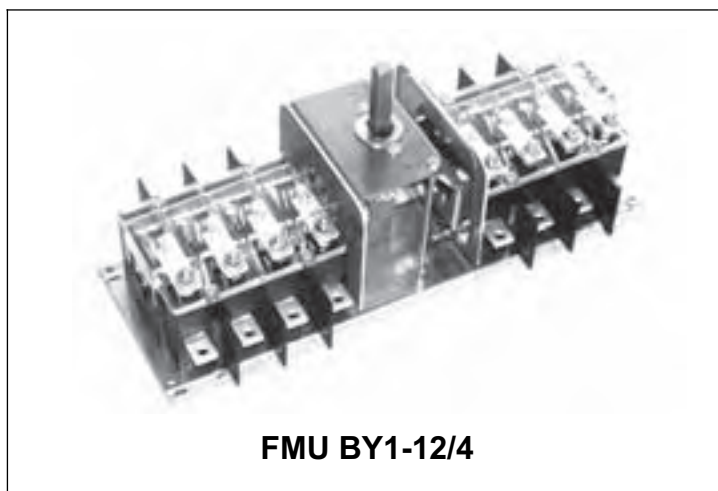
#### DESIGN FEATURES

- Unique switching arrangement
- Unique L-shape moving contact
- High safety and performance
- Visible, strong knife contact system

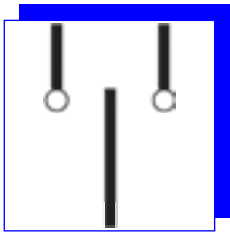
More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.



| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC21B 415V |  | No. of Poles | Maximum conductor cross section | Order No.         | Type                 | Overall dimensions W x H x D | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; overall terminal shroud |
|------------------------------------|--------------------------------------|--|--------------|---------------------------------|-------------------|----------------------|------------------------------|---|---|
| <b>63A</b>                         | 63A<br>63A                           |  | 3            | 25 mm <sup>2</sup>              | <b>29360.0400</b> | <b>FMU BY1-6/3</b>   | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29364.0400</b> | <b>FMU BY1-6/4</b>   | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
| <b>80A</b>                         | 80A<br>80A                           |  | 3            | 25 mm <sup>2</sup>              | <b>29360.0500</b> | <b>FMU BY1-8/3</b>   | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29364.0500</b> | <b>FMU BY1-8/4</b>   | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
| <b>100A</b>                        | 100A<br>100A                         |  | 3            | 25 mm <sup>2</sup>              | <b>29360.0600</b> | <b>FMU BY1-10/3</b>  | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
|                                    |                                      |  | 4            | 25 mm <sup>2</sup>              | <b>29364.0600</b> | <b>FMU BY1-10/4</b>  | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
| <b>125A</b>                        | 125A<br>125A                         |  | 3            | 35 mm <sup>2</sup>              | <b>29360.0700</b> | <b>FMU BY1-12/3</b>  | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
|                                    |                                      |  | 4            | 35 mm <sup>2</sup>              | <b>29364.0700</b> | <b>FMU BY1-12/4</b>  | 352 x 150 x 120 mm           | 36540.0010  | 2x36503.0010                            |
| <b>160A</b>                        | 160A<br>160A                         |  | 3            | 70 mm <sup>2</sup>              | <b>29360.0800</b> | <b>FMU BY1-16/3</b>  | 352 x 221 x 120 mm           | 36540.0010  | 2x36503.0010                            |
|                                    |                                      |  | 4            | 70 mm <sup>2</sup>              | <b>29364.0800</b> | <b>FMU BY1-16/4</b>  | 352 x 221 x 120 mm           | 36540.0010  | 2x36503.0010                            |
| <b>200A</b>                        | 200A<br>200A                         |  | 3            | 120 mm <sup>2</sup>             | <b>29360.0900</b> | <b>FMUN BY1-20/3</b> | 474 x 181 x 115 mm           | 36540.0010  | 2x36645.0010                            |
|                                    |                                      |  | 4            | 120 mm <sup>2</sup>             | <b>29364.0900</b> | <b>FMUN BY1-20/4</b> | 474 x 181 x 115 mm           | 36540.0010  | 2x36645.0010                            |
| <b>250A</b>                        | 250A<br>250A                         |  | 3            | 150 mm <sup>2</sup>             | <b>29360.1000</b> | <b>FMUN BY1-25/3</b> | 474 x 181 x 110 mm           | 36540.0010  | 2x36645.0010                            |
|                                    |                                      |  | 4            | 150 mm <sup>2</sup>             | <b>29364.1000</b> | <b>FMUN BY1-25/4</b> | 474 x 181 x 110 mm           | 36540.0010  | 2x36645.0010                            |
| <b>300A</b>                        | 300A<br>300A                         |  | 3            | 185 mm <sup>2</sup>             | <b>29360.1100</b> | <b>FMUN BY1-30/3</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
|                                    |                                      |  | 4            | 185 mm <sup>2</sup>             | <b>29364.1100</b> | <b>FMUN BY1-30/4</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
| <b>400A</b>                        | 400A<br>400A                         |  | 3            | 240 mm <sup>2</sup>             | <b>29360.1300</b> | <b>FMUN BY1-40/3</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
|                                    |                                      |  | 4            | 240 mm <sup>2</sup>             | <b>29364.1300</b> | <b>FMUN BY1-40/4</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
| <b>500A</b>                        | 500A<br>500A                         |  | 3            | 300 mm <sup>2</sup>             | <b>29360.1400</b> | <b>FMUN BY1-50/3</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
|                                    |                                      |  | 4            | 300 mm <sup>2</sup>             | <b>29364.1400</b> | <b>FMUN BY1-50/4</b> | 570 x 285 x 159 mm           | 36515.0010  | 2x36588.0010                            |
| <b>630A</b>                        | 630A<br>630A                         |  | 3            | 2x185 mm <sup>2</sup>           | <b>29360.1500</b> | <b>FMU BY1-63/3</b>  | 775 x 300 x 212 mm           | 36515.0010  | on request                              |
|                                    |                                      |  | 4            | 2x185 mm <sup>2</sup>           | <b>29364.1500</b> | <b>FMU BY1-63/4</b>  | 945 x 300 x 212 mm           | 36515.0010  | 2x36651.0010                            |
| <b>800A</b>                        | 800A<br>800A                         |  | 3            | 2x185 mm <sup>2</sup>           | <b>29360.1600</b> | <b>FMU BY1-80/3</b>  | 775 x 300 x 212 mm           | 36515.0010  | on request                              |
|                                    |                                      |  | 4            | 2x185 mm <sup>2</sup>           | <b>29364.1600</b> | <b>FMU BY1-80/4</b>  | 945 x 300 x 212 mm           | 36515.0010  | 2x36651.0010                            |



# Bypass Switches

## 3- and 4-poles, 1000 - 2000A

### Type FMU BY1

**AC21B**  
**415V**

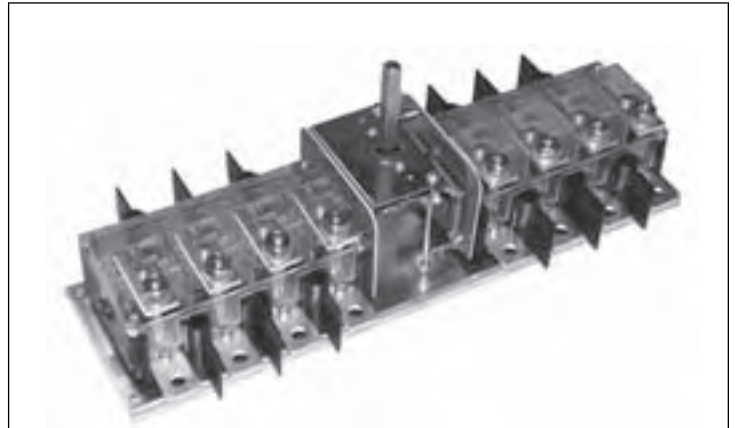
#### APPLICATION

- Main generator switchboards
- Power supplies for airports, hospitals, broadcasting
- Switchboards at telecommunication systems

#### DESIGN FEATURES

- Unique switching arrangement
- Unique L-shape moving contact
- High safety and performance
- Visible, strong knife contact system

More information (dimensions, technical data) on request.



**FMUN BY1-25/4**

#### DELIVERY INCLUDES

Switches are delivered complete with handle and escutcheon plate.  
Other accessories on request.

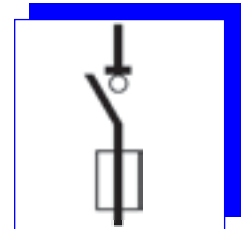
| Rated un-interrupted current $I_u$ | Rated oper. current $I_e$ AC21B 415V |  | No. of Poles | Maximum conductor cross section | Order No.         | Type                 | Overall dimensions W x H x D | Order No. TKV-WV; door coupling, interlock, shaft extension | Order No. KLAD; overall terminal shroud |
|------------------------------------|--------------------------------------|--|--------------|---------------------------------|-------------------|----------------------|------------------------------|---|---|
| <b>1000A</b>                       | 1000A<br>1000A                       |  | 3            | 2x240 mm <sup>2</sup>           | <b>29360.1700</b> | <b>FMU BY1-100/3</b> | 775x300x212mm                | 36515.0010  | on request                              |
|                                    |                                      |  | 4            | 2x240 mm <sup>2</sup>           | <b>29364.1700</b> | <b>FMU BY1-100/4</b> | 945x300x212mm                | 36515.0010  | 2x36651.0010                            |
| <b>1250A</b>                       | 1250A<br>1250A                       |  | 3            | 2x40x5 mm                       | <b>29360.1800</b> | <b>FMU BY1-125/3</b> | 775x300x212mm                | 36515.0010  | on request                              |
|                                    |                                      |  | 4            | 2x40x5 mm                       | <b>29364.1800</b> | <b>FMU BY1-125/4</b> | 945x300x212mm                | 36515.0010  | 2x36651.0010                            |
| <b>1600A</b>                       | 1600A<br>1600A                       |  | 3            | 2x60x5 mm                       | <b>29360.1900</b> | <b>FMU BY1-160/3</b> | 926x410x258mm                | 36612.0010  | 36694.0010                              |
|                                    |                                      |  | 4            | 2x60x5 mm                       | <b>29364.1900</b> | <b>FMU BY1-160/4</b> | 1126x410x258mm               | 36612.0010  | 36587.0010                              |
| <b>2000A</b>                       | 2000A<br>2000A                       |  | 3            | 2x80x5 mm                       | <b>29360.2000</b> | <b>FMU BY1-200/3</b> | 926x410x258mm                | 36612.0010  | 36694.0010                              |
|                                    |                                      |  | 4            | 2x80x5 mm                       | <b>29364.2000</b> | <b>FMU BY1-200/4</b> | 1126x410x258mm               | 36612.0010  | 36587.0010                              |

# Switch Fuses (DIN-Type)

## 3-poles and 3-poles+N, 63 -125A

### Type SILA-NH

AC22B  
415V



#### APPLICATION

- Switchboards, controlboards
- Panelboards
- Distribution boards

#### DESIGN FEATURES

- Small contact system
- Visible moving knife contacts
- Forced closing and opening of switch contacts
- Double break on incoming side

More information (dimensions, technical data) on request.

#### DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, padlockable handle and escutcheon plate. Other accessories on request.



| Rated un-interrupted current $I_u$                       | Rated oper. current $I_n$ AC22B 415V | Fuse size acc. to DIN | No. of Poles | Maximum conductor cross section | Order No.   | Type  | Overall dimensions W x H x D | Order No. KLAD; incoming terminal shroud | Order No. H1S10; aux contact 1NC 1NO inPos. 1 |
|--|--------------------------------------|-----------------------|--------------|---------------------------------|---|---|------------------------------|--|---|
| <b>63A</b>   | 63A                                  | 000/00                | 3            | 16-70 mm <sup>2</sup>           | <b>29400.0400</b>   | <b>SILA-NH 00-6/3-SE</b>                              | 119 x 186 x 74 mm            | 36501.0010                               | 36593.0010 <sup>(1)</sup>                     |
| <b>125A</b>  | 125A                                 | 00                    | 3            | 16-70 mm <sup>2</sup>           | <b>29400.0700</b>   | <b>SILA-NH 00-12/3-SE</b>                             | 119 x 186 x 74 mm            | 36501.0010                               | 36593.0010 <sup>(1)</sup>                     |
| <b>Accessories</b><br>Neutral for 3 pole +N order number |                                      |                       |              |                                 | <b>36909.0010</b><br><b>36910.0010</b><br><b>36911.0010</b> | box terminal<br>lug terminal<br>multiple use terminal |                              |  |   |

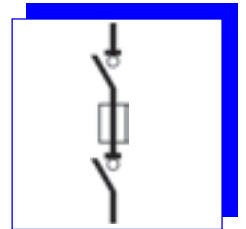
<sup>(1)</sup> auxiliary contact 1c/o

# Switch Fuses (DIN-Type)

## 3-poles and 3-poles+N, 63 - 630A

### Type SILAD-NH

AC22B  
415V



#### APPLICATION

- Switchboards, controlboards
- Panelboards
- Distribution boards

#### DESIGN FEATURES

- Small contact system
- High electrical performance
- Forced closing and opening of switch contacts
- Full isolation of fuse in "Off"-Position

More information (dimensions, technical data) on request.

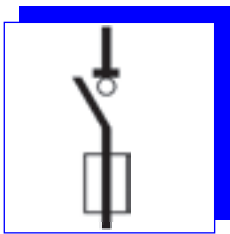
#### DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, padlockable handle and escutcheon plate. Other accessories on request.



| Rated un-interrupted current $I_u$                       | Rated oper. current $I_n$ AC22B 415V | Fuse size acc. to DIN | No. of Poles | Maximum conductor cross section | Order No.   | Type  | Overall dimensions W x H x D | Order No. KLAD; incoming terminal shroud | Order No. H1S10; aux contact 1NC 1NO inPos. 1 |
|--|--------------------------------------|-----------------------|--------------|---------------------------------|---|---|------------------------------|--|---|
| <b>63A</b>   | 63A                                  | 000/00                | 3            | 16-70 mm <sup>2</sup>           | <b>29410.0400</b>   | <b>SILAD 00-6/3-SE</b>                                | 120 x 140 x 140 mm           | 36507.0010                               | on request                                    |
| <b>125A</b>  | 125A                                 | 00                    | 3            | 16-70 mm <sup>2</sup>           | <b>29410.0700</b>   | <b>SILAD 00-12/3-SE</b>                               | 120 x 140 x 140 mm           | 36507.0010                               | on request                                    |
| <b>250A</b>  | 250A                                 | 1                     | 3            | 50-150mm <sup>2</sup>           | <b>29400.1000</b>   | <b>SILAD 1-25/3-SE</b>                                | 208 x 210 x 145 mm           | 36506.0010                               | on request                                    |
|  | 250A                                 | 1                     | 3+N          | 50-150mm <sup>2</sup>           | <b>29403.1000</b>   | <b>SILAD 1-25/3+N-SE</b>                              | 208 x 210 x 145 mm           | 36506.0010                               | on request                                    |
| <b>400A</b>  | 400A                                 | 2                     | 3            | 95-240mm <sup>2</sup>           | <b>29420.1300</b>   | <b>SILAD II-40/3-SE</b>                               | 256 x 160 x 195 mm           | 36589.0010                               | on request                                    |
|  | 400A                                 | 2                     | 3+N          | 95-240mm <sup>2</sup>           | <b>29423.1300</b>   | <b>SILAD II-40/3+N-SE</b>                             | 256 x 160 x 195 mm           | 36589.0010                               | on request                                    |
| <b>630A</b>  | 630A                                 | 3                     | 3            | 120-300mm <sup>2</sup>          | <b>29420.1500</b>   | <b>SILAD III-63/3-SE</b>                              | 324 x 238 x 230 mm           | 36591.0010                               | on request                                    |
|  | 630A                                 | 3                     | 3+N          | 120-300mm <sup>2</sup>          | <b>29423.1500</b>   | <b>SILAD III-63/3+N-SE</b>                            | 324 x 238 x 230 mm           | 36591.0010                               | on request                                    |
| <b>Accessories</b><br>Neutral for 3 pole +N order number |                                      |                       |              |                                 | <b>36906.0010</b><br><b>36907.0010</b><br><b>36908.0010</b> | box terminal<br>lug terminal<br>multiple use terminal |                              |  |   |

Remarks: <sup>(1)</sup> only 3-pole shrouded.



# Switch Fuses (BS88-Type) 3-poles and 3-poles+N, 25 - 125A Type SILA-BS

**AC22B**  
**415V**

## APPLICATION

- Switchboards, controlboards
- Panelboards
- Distribution boards

## DESIGN FEATURES

- Small contact system
- Visible moving knife contacts
- Forced closing and opening of switch contacts
- Double break on incoming side

More information (dimensions, technical data) on request.

## DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, padlockable handle and escutcheon plate. Other accessories on request.



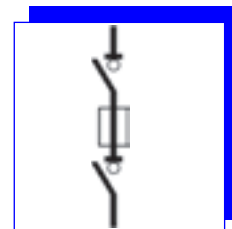
**SILA-BS 6/3-SKL**

| Rated un-interrupted current $I_u$                              | Rated oper. current $I_e$ AC22B 415V | Fuse size acc. to BS88 | No. of Poles | Maximum conductor cross section | Order No.   | Type   | Overall dimensions W x H x D | Order No. KLAD; incoming terminal shroud | Order No. H1S1O; aux contact 1NC 1NO inPos. 1 |
|---|--------------------------------------|------------------------|--------------|---------------------------------|---|--|------------------------------|--|---|
| <b>25A</b>  | 25A                                  | F1                     | 3            | 2,5-25 mm <sup>2</sup>          | <b>29430.0101</b>   | <b>SILA-BS 2/3</b>   | 100 x 134 x 77 mm            | integrated                               | --  |
| <b>32A</b>  | 32A                                  | F1                     | 3            | 2,5-25 mm <sup>2</sup>          | <b>29430.0201</b>   | <b>SILA-BS 3/3</b>   | 100 x 134 x 77 mm            | integrated                               | --  |
| <b>63A</b>  | 63A                                  | A3                     | 3            | 6-50 mm <sup>2</sup>            | <b>29430.0400</b>   | <b>SILA-BS 6/3</b>   | 114 x 202 x 74 mm            | 36501.0010                               | on request                                    |
| <b>100A</b>   | 100A                                 | A3                     | 3            | 16-70 mm <sup>2</sup>           | <b>29430.0600</b>   | <b>SILA-BS 10/3</b>  | 114 x 202 x 74 mm            | 36501.0010                               | on request                                    |
| <b>125A</b>   | 125A                                 | A4                     | 3            | 16-70 mm <sup>2</sup>           | <b>29430.0700</b>   | <b>SILA-BS 12/3</b>  | 114 x 202 x 74 mm            | 36501.0010                               | on request                                    |
| <b>Accessories</b><br><b>Neutral for 3 pole +N order number</b> |                                      |                        |              |                                 | <b>36906.0010</b><br><b>36907.0010</b><br><b>36908.0010</b> | <b>box terminal</b><br><b>lug terminal</b><br><b>multiple use terminal</b> |                              |  |   |



# Switch Fuses (BS88-Type) 3-poles and 3-poles+N, 25 - 300A Type SILAD-BS

**AC22B  
415V**



## APPLICATION

- Switchboards, controlboards
- Panelboards
- Distribution boards

## DESIGN FEATURES

- Small contact system
- High electrical performance
- Forced closing and opening of switch contacts
- Full isolation of fuse in "Off"-Position

More information (dimensions, technical data) on request.


## DELIVERY INCLUDES

Switches are delivered complete with door coupling, interlock, shaft extension, padlockable handle and escutcheon plate. Other accessories on request.



**SILAD-BS 3/3**

| Rated un-interrupted current $I_u$                       | Rated oper. current $I_n$ AC22B 415V | Fuse size acc. to BS88 | No. of Poles | Maximum conductor cross section | Order No.   | Type  | Overall dimensions W x H x D | Order No. KLAD; incoming terminal shroud | Order No. H1S10; aux contact 1NC 1NO inPos. 1 |
|--|--------------------------------------|------------------------|--------------|---------------------------------|---|---|------------------------------|--|---|
| <b>25A</b>   | 25A                                  | A1                     | 3            | 6-25 mm <sup>2</sup>            | <b>29440.0101</b>   | <b>SILAD-BS 2/3</b>                                   | 114 x 95 x 98 mm             | integrated                               | --  |
| <b>32A</b>   | 32A                                  | A1                     | 3            | 6-25 mm <sup>2</sup>            | <b>29440.0201</b>   | <b>SILAD-BS 3/3</b>                                   | 114 x 95 x 98 mm             | integrated                               | --  |
| <b>63A</b>   | 63A                                  | A3                     | 3            | 6-25 mm <sup>2</sup>            | <b>29440.0400</b>   | <b>SILAD-BS 6/3</b>                                   | 114 x 106 x 98 mm            | 36507.0010                               | on request                                    |
| <b>100A</b>  | 100A                                 | A3                     | 3            | 16-70 mm <sup>2</sup>           | <b>29440.0600</b>   | <b>SILAD-BS 10/3</b>                                  | 114 x 106 x 98 mm            | 36507.0010                               | on request                                    |
| <b>125A</b>  | 125A                                 | B2                     | 3            | 25-70 mm <sup>2</sup>           | <b>29440.0700</b>   | <b>SILAD-BS 12/3</b>                                  | 114 x 106 x 98 mm            | 36507.0010                               | on request                                    |
| <b>160A</b>  | 160A                                 | B2                     | 3            | 25-70 mm <sup>2</sup>           | <b>29440.0800</b>   | <b>SILAD-BS 16/3</b>                                  | 208 x 208 x 125 mm           | 36506.0010                               | 36596.0010                                    |
| <b>200A</b>  | 200A                                 | B2                     | 3            | 35-95 mm <sup>2</sup>           | <b>29440.0900</b>   | <b>SILAD-BS 20/3</b>                                  | 208 x 208 x 147 mm           | 36506.0010                               | 36596.0010                                    |
| <b>250A</b>  | 250A                                 | B3                     | 3            | 50-150 mm <sup>2</sup>          | <b>29440.1000</b>   | <b>SILAD-BS 25/3</b>                                  | 208 x 208 x 147 mm           | 36506.0010                               | 36596.0010                                    |
| <b>300A</b>  | 300A                                 | B3                     | 3            |                                 | <b>29440.1100</b>   | <b>SILAD-BS 30/3</b>                                  | 208 x 208 x 147 mm           | 36506.0010                               | 36596.0010                                    |
| <b>Accessories</b><br>Neutral for 3 pole +N order number |                                      |                        |              |                                 | <b>36906.0010</b><br><b>36907.0010</b><br><b>36908.0010</b> | box terminal<br>lug terminal<br>multiple use terminal |                              |  |   |

|            |  |   |
|------------|--|---|
| <b>N</b>   | <b>NH Fuse-Links</b><br><i>NH-Sicherungs-Einsätze</i>  |      |
| <b>NU</b>  | <b>NH Fuse-Bases</b><br><i>NH-Sicherungs-Unterteile</i>  |      |
| <b>LT</b>  | <b>Load Break Switches/Switch-Fuses</b><br><i>Lasttrennschalter mit/ohne Sicherungen</i>           |     |
| <b>LU</b>  | <b>Changeover Switches</b><br><i>Lastumschalter</i>  |    |
| <b>NT</b>  | <b>NH Fuse-Switches – horizontal design</b><br><i>NH-Sicherungs-Lasttrenner</i>                    |     |
| <b>NSL</b> | <b>NH Fuse-Switches – vertical design</b><br><i>NH-Sicherungs-Lastschaltleisten</i>                |   |
| <b>NL</b>  | <b>NH Fuse-Rails – vertical design</b><br><i>NH-Sicherungs-Verteilerleisten</i>                    |    |
| <b>NZ</b>  | <b>Accessories</b><br><i>Zubehör</i>   |  |
| <b>NW</b>  | <b>Low Voltage Current Transformers</b><br><i>Niederspannungs-Stromwandler</i>                     |   |
| <b>NA</b>  | <b>Low Voltage Lightning-Arresters</b><br><i>Überspannungs-Ableiter für Niederspannung</i>         |  |
| <b>HH</b>  | <b>HV Fuse-Links and -Bases</b><br><i>Hochspannungs-Hochleistungs-Sicherungen und -Träger</i>      |  |
| <b>T</b>   | <b>Products for Telecom</b><br><i>Produkte für Telekom-Stromversorgung</i>                         |  |
| <b>S/D</b> | <b>Special Systems/D-System Fuse-Links and -Bases</b><br><i>Spezialsysteme/D-Sicherungs-System</i> |  |

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