

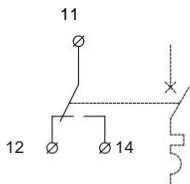
Modular additional devices  
Additional F/A contact



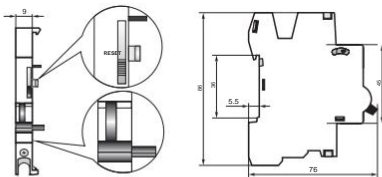
Specifications

|  |  |
|--|--|
| Type   | F/A                                      |
| Compliance with the standard                           | IEC/EN 60947-5-1                         |
| Use with a switch                                      | FB2-63 (Standard)<br>FB3-125 (EVO), FSD3 |
| Nominal current (at a voltage of ~400V) In, A          | 3  |
| Nominal current (at a voltage of ~230V) In, A          | 6  |
| Nominal frequency f, Hz                                | 50/60                                    |
| Nominal voltage Un, V                                  | ~230/400                                 |
| Number of contacts                                     | 1 C/O                                    |
| Switching wear resistance<br>(number of on/off cycles) | 10,000/15,000<br>(electrical/mechanical) |

Schematic diagram



Overall dimensions F/A



RESET - operation testing  
synchronizer.

| Code<br>order | Full<br>name           | Packaging, pcs<br>Packaging Box | Unit  | Gross weight, kg<br>Packaging | Box   |
|---------------|------------------------|---------------------------------|-------|-------------------------------|-------|
| F/A           | Additional F/A contact | 1 240                           | 0.030 | 0.030                         | 7,200 |

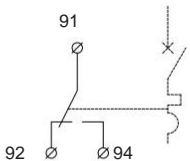
Modular additional devices  
Signal contact F/AL



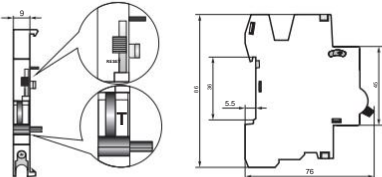
Specifications

|  |  |
|--|--|
| Type   | F/AL                                     |
| Compliance with the standard                           | IEC/EN 60947-5-1, IEC/EN 60947-1         |
| Use with a switch                                      | FB2-63 (Standard)<br>FB3-125 (EVO)       |
| Nominal current (at a voltage of ~400V) In, A          | 3  |
| Nominal current (at a voltage of ~230V) In, A          | 6  |
| Nominal voltage Un, V                                  | ~230/400                                 |
| Nominal frequency f, Hz                                | 50/60                                    |
| Number of contacts                                     | 1 C/O                                    |
| Switching wear resistance<br>(number of on/off cycles) | 10,000/15,000<br>(electrical/mechanical) |

Schematic diagram



Overall dimensions F/AL



RESET - operation testing  
synchronizer.  
T - work testing  
contacts

| Code<br>order | Full<br>name        | Packaging, pcs<br>Packaging Box | Unit  | Gross weight, kg<br>Packaging | Box   |
|---------------|---------------------|---------------------------------|-------|-------------------------------|-------|
| F/AL          | Signal contact F/AL | 1 240                           | 0.030 | 0.030                         | 7,200 |



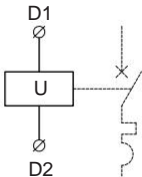
Modular additional devices  
F/CV voltage control decoupler



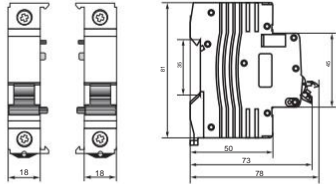
Specifications

|  |  |
|--|--|
| Type   | F/ÿV                                     |
| Compliance with the standard                           | IEC/EN 60947-1                           |
| Use with a switch                                      | FB2-63 (Standard)<br>FB3-125 (EVO), FSD3 |
| Nominal voltage Un, V                                  | ~230                                     |
| Nominal frequency f, Hz                                | 50/60                                    |
| Switching wear resistance<br>(number of on/off cycles) | 8,000/8,000<br>(electrical/mechanical)   |
| Nominal insulation voltage Ui, V                       | 500                                      |
| Nominal impulse voltage Uimp, V                        | 4000                                     |
| The minimum operating voltage U min, V                 | ~170 ± 5%                                |
| Maximum operating voltage U max, V                     | ~280 ± 5%                                |

Schematic diagram



Overall dimensions of F/CV



| Code<br>order                                     | Full<br>name | Packaging, pcs |     | Unit  | Gross weight, kg |        |
|---|--------------|----------------|-----|-------|------------------|--------|
|   |              | Packaging      | Box |       | Packaging        | Box    |
| F/CV230R F/ÿV voltage control release right, 230V |              | 1              | 240 | 0.125 | 0.125            | 30,000 |

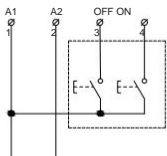
Modular additional devices  
Remote control unit F/MD2



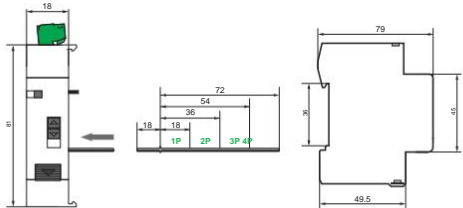
Specifications

|  |   |
|--|---|
| Type   | F/MD2                                     |
| Compliance with the standard                           | IEC/EN 60947-1                            |
| Use with a switch                                      | FB2-63 Standard, FSD3                     |
| Nominal voltage Un, V                                  | ~230                                      |
| Nominal frequency f, Hz                                | 50/60                                     |
| Switching wear resistance<br>(number of on/off cycles) | 8,000 / 10,000<br>(electrical/mechanical) |
| Input power P, W                                       | 1 (standby mode), 20 (active mode)        |

Schematic diagram



Overall dimensions of F/CV



| Code<br>order | Full<br>name                   | Packaging, pcs |     | Unit  | Gross weight, kg |       |
|---------------|--------------------------------|----------------|-----|-------|------------------|-------|
|               |                                | Packaging      | Box |       | Packaging        | Box   |
| F/MD2         | Remote control unit F/MD2,230V | 1              | 50  | 0.096 | 0.096            | 4,800 |

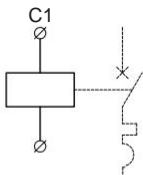
Modular additional devices  
The release is independent F/SR



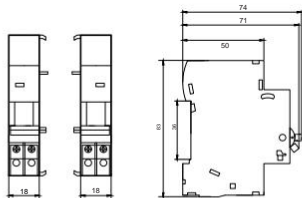
Specifications

|  |  |
|--|--|
| Type   | F/SR                                     |
| Compliance with the standard                           | IEC/EN 60947-1                           |
| Using the switch                                       | FB2-63 (Standard)<br>FB3-125 (EVO), FSD3 |
| Nominal current In, A                                  | 6  |
| Nominal voltage Un, V                                  | ~24, ~230                                |
| Nominal frequency f, Hz                                | 50/60                                    |
| Switching wear resistance<br>(number of on/off cycles) | 8,000/8,000<br>(electrical/mechanical)   |

Schematic diagram



Overall dimensions F/SR



| Code order | Full name                                | Packaging, pcs |     | Unit  | Gross weight, kg |        |
|------------|--|----------------|-----|-------|------------------|--------|
|            |  | Packaging      | Box |       | Packaging        | Box    |
| F/SR230L   | Independent release F/SR230L left, 230V  | 1              | 240 | 0.081 | 0.081            | 19,440 |
| F/SR230R   | Independent release F/SR230R right, 230V | 1              | 240 | 0.081 | 0.081            | 19,440 |
| F/SR024L   | Independent release F/SR24L left, 24V    | 1              | 240 | 0.081 | 0.081            | 19,440 |
| F/SR024R   | Independent release F/SR24R right, 24V   | 1              | 240 | 0.081 | 0.081            | 19,440 |

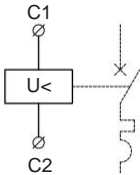
Modular additional devices  
F/UV undervoltage release



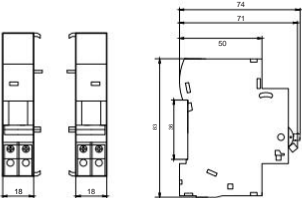
Specifications

|  |  |
|--|--|
| Type   | F/UV                                     |
| Compliance with the standard                           | IEC/EN 60947-1                           |
| Use with a switch                                      | FB2-63 (Standard)<br>FB3-125 (EVO), FSD3 |
| Nominal voltage Un, V                                  | ~230                                     |
| Nominal frequency f, Hz                                | 50/60                                    |
| Switching wear resistance<br>(number of on/off cycles) | 8,000/8,000<br>(electrical/mechanical)   |

Schematic diagram



Overall dimensions F/UV



| Code order | Full name                               | Packaging, pcs |     | Unit  | Gross weight, kg |        |
|------------|---|----------------|-----|-------|------------------|--------|
|            |   | Packaging      | Box |       | Packaging        | Box    |
| F/UV230L   | Undervoltage release F/UV left, 230V    | 1              | 240 | 0.125 | 0.125            | 30,000 |
| F/UV230R   | Undervoltage release F/UV right, 230V   | 1              | 240 | 0.125 | 0.125            | 30,000 |
| F/CV230L   | Voltage control release F/yV left, 230V | 1              | 240 | 0.125 | 0.125            | 30,000 |