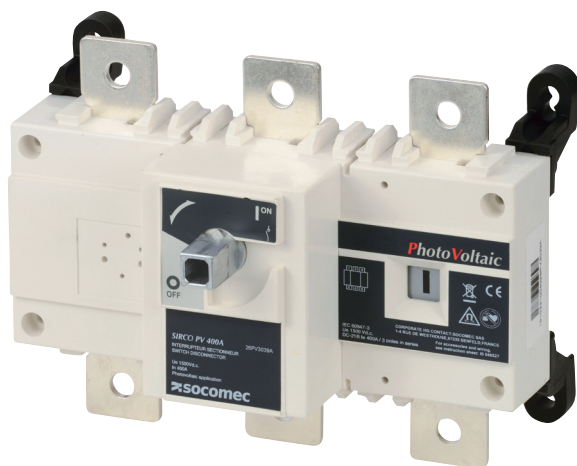


# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications  
from 100 to 3200 A, up to 1500 VDC



sirco-pv\_165\_front.eps

## The solution for

> Energy



## Strong points

- > Patented switching technology up to 500 VDC/pole
- > Positive break indication
- > Up to 1500 VDC according to IEC 60947-3.

## Conformity to standards

- > IEC 60947-3
- > IEC 60364-7-712
- > UL 98B<sup>(1)</sup>



## Approvals and certifications<sup>(1)</sup>



<sup>(1)</sup> Product part numbers on request.

## Functions

**SIRCO PV** are manually operated load break switches.

They ensure making and breaking under load conditions for PV circuits up to 1500 VDC.

These extremely durable switches have been tested and approved for use in the most demanding applications.

They have been designed and tested for all types of applications: grounded, floating or bipolar.

## Advantages

### Optimise your investment

- Thanks to a reduced number of bridging bars, you can limit your costs and save mounting time.
- A 2 pole SIRCO PV will reduce heating and can be integrated into a smaller enclosure.

### High-performance materials

SIRCO PV is an extremely robust device in a glass fibre reinforced polyester frame.

These materials provide:

- high mechanical strength,
- stability to temperature variations (RTI of 130 °C),
- high dielectric strength (high CTI / tested as per standard ASTM D 2303).

### Take advantage of an innovative design

The SIRCO PV can be directly connected to up to four independent PV panel strings. The overall solution cost is therefore reduced in comparison with the use of four distinct switches.

### Reliability and performance

Our range of SIRCO PV load break switches is compliant to standards UL98B and IEC 60947-3.

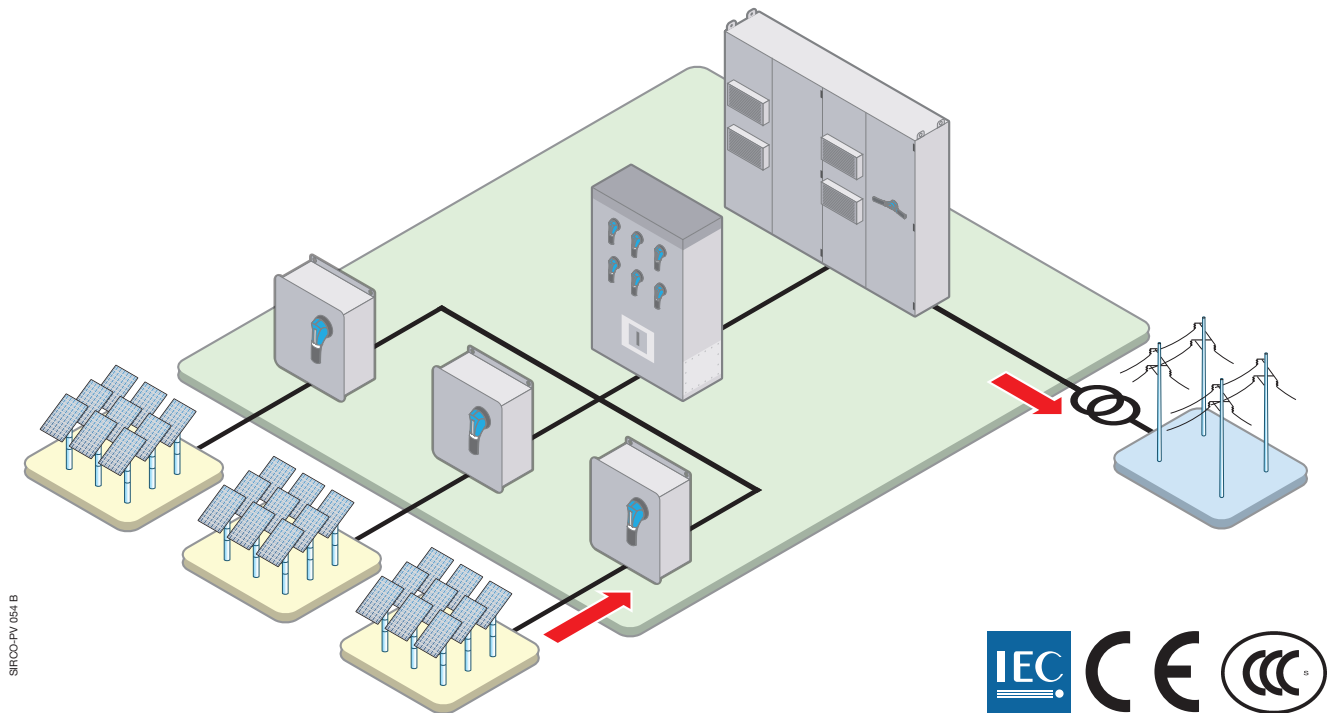
SIRCO PV have been tested to critical currents and at 10 kA short-circuit for 50 ms without specific protection.

## General characteristics

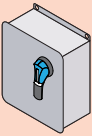
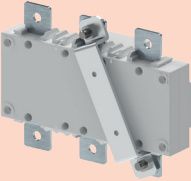
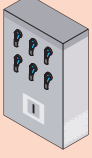
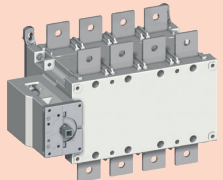
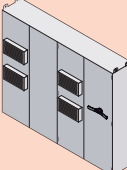
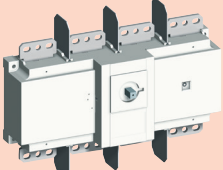
- Patented switching technology up to 500 VDC/pole.
- Positive break indication
- Up to 1500 VDC according to IEC 60947-3.

## Typical PV architecture

The SIRCO PV range provides safe disconnection at all levels within your PV installation.



## SOCOMEK solutions

| LEVEL OF INSTALLATION                                                               | SOCOMEK SOLUTIONS                                                                   |                                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Combiner box</b>                                                                 |                                                                                     |                                                                                                     |
|  |  | SIRCO PV<br>Single circuit<br>up to 400 A at 1500 VDC                                               |
| <b>Recombiner box</b>                                                               |                                                                                     |                                                                                                     |
|  |  | SIRCO PV<br>4 circuits up to 500 A at 1000 VDC <sup>(1)</sup><br>2 circuits up to 500 A at 1500 VDC |
| <b>Inverter</b>                                                                     |                                                                                     |                                                                                                     |
|  |  | SIRCO PV<br>Single circuit<br>up to 3200 A at 1000 VDC<br>Up to 2000 A at 1500 VDC                  |

<sup>(1)</sup> Contact us.

# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## References

### 1000 VDC – Back plate mounting

| Rating (A)    | Frame size       | Number of poles | Case      | Direct handle                                     | External handle                                                                                              | Shaft for external operation                                      | Quantity to be ordered to connect 2 poles in series |
|---------------|------------------|-----------------|-----------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------|
| 1 PV circuit  |                  |                 |           |                                                   |                                                                                                              |                                                                   |                                                     |
| 100 A         | B4               | 2 P             | 26PV 2010 | J1 type<br>Black<br>1112 1111<br>Red<br>1113 1111 | S2 type <sup>(1)</sup><br>Black IP55<br>1421 2111<br>Black IP65<br>1423 2111<br>Red/Yellow IP65<br>1424 2111 | 200 mm<br>1400 1020<br>320 mm<br>1400 1032<br>400 mm<br>1400 1040 | -                                                   |
| 160 A         | B4               | 2 P             | 26PV 2016 |                                                   |                                                                                                              |                                                                   |                                                     |
| 250 A         | B4               | 2 P             | 26PV 2025 |                                                   |                                                                                                              |                                                                   |                                                     |
| 315 A         | B4               | 2 P             | 26PV 2031 |                                                   |                                                                                                              |                                                                   |                                                     |
| 400 A         | B4               | 4 P             | 26PV 4040 |                                                   |                                                                                                              |                                                                   | 2 x<br>2609 0025                                    |
| 500 A         | B4               | 4 P             | 26PV 4050 |                                                   |                                                                                                              |                                                                   |                                                     |
| 630 A         | B5               | 4 P             | 26PV 4063 |                                                   |                                                                                                              |                                                                   |                                                     |
| 800 A         | B5               | 4 P             | 26PV 4080 | J4 type<br>Black<br>1142 1111<br>Red<br>1143 1111 | S4 type <sup>(1)</sup><br>Black IP65<br>1443 3111<br>Red/Yellow IP65<br>1444 3111                            | 200 mm<br>1401 1520<br>320 mm<br>1401 1532<br>400 mm<br>1401 1520 | 2 x<br>2709 0027                                    |
| 1250 A        | B6               | 4 P             | 26PV 4120 |                                                   |                                                                                                              |                                                                   | 1 x<br>2609 1100                                    |
| 2000 A        | B7               | 4 P             | 26PV 4200 |                                                   |                                                                                                              |                                                                   | 2 x<br>2609 1200                                    |
| 3200 A        | B8               | 4 P             | 26PV4320  |                                                   |                                                                                                              |                                                                   | Type V1<br>Black IP65<br>2799 7145                  |
| 2 PV circuits |                  |                 |           |                                                   |                                                                                                              |                                                                   |                                                     |
| 100 A         | B4 <sub>DS</sub> | 4 P             | 26PV 5010 | J2 type<br>Black<br>1122 1111<br>Red<br>1123 1111 | S2 type <sup>(1)</sup><br>Black IP55<br>1421 2111<br>Black IP65<br>1423 2111<br>Red/Yellow IP65<br>1424 2111 | 200 mm<br>1400 1020<br>320 mm<br>1400 1032<br>400 mm<br>1400 1040 | -                                                   |
| 160 A         | B4 <sub>DS</sub> | 4 P             | 26PV 5016 |                                                   |                                                                                                              |                                                                   |                                                     |
| 250 A         | B4 <sub>DS</sub> | 4 P             | 26PV 5025 |                                                   |                                                                                                              |                                                                   |                                                     |
| 315 A         | B4 <sub>DS</sub> | 4 P             | 26PV 5031 |                                                   |                                                                                                              |                                                                   |                                                     |
| 630 A         | B5 <sub>DS</sub> | 8 P             | 26PV 8063 | J4 type<br>Black<br>1142 1111<br>Red<br>1143 1111 | S4 type <sup>(1)</sup><br>Black IP65<br>1443 3111<br>Red/Yellow IP65<br>1444 3111                            | 200 mm<br>1401 1520<br>320 mm<br>1401 1532<br>400 mm<br>1401 1520 | 2 x<br>2709 0027                                    |
| 800 A         | B6 <sub>DS</sub> | 8 P             | 26PV 8080 |                                                   |                                                                                                              |                                                                   |                                                     |
| 1250 A        | B6 <sub>DS</sub> | 8 P             | 26PV 8120 |                                                   | Type V1<br>Black IP65<br>2799 7145                                                                           | 320 mm<br>4199 3018                                               | 1x<br>2609 1100                                     |
| 2000 A        | B7 <sub>DS</sub> | 8 P             | 26PV 8200 |                                                   |                                                                                                              |                                                                   |                                                     |

(1) Defeatable handle.

### 1500 VDC – Back plate mounting

| Rating (A)          | Frame size       | Number of poles | Case      | Direct handle                                     | External handle                                                                                              | Shaft for external operation                                      | Quantity to be ordered to connect 2 poles in series                                |
|---------------------|------------------|-----------------|-----------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>1 PV circuit</b> |                  |                 |           |                                                   |                                                                                                              |                                                                   |                                                                                    |
| 160 A               | B4T              | 3 P             | 26PV 3015 | J1 type<br>Black<br>1112 1111<br>Red<br>1113 1111 | S2 type <sup>(1)</sup><br>Black IP55<br>1421 2111<br>Black IP65<br>1423 2111<br>Red/Yellow IP65<br>1424 2111 | 200 mm<br>1400 1020<br>320 mm<br>1400 1032<br>400 mm<br>1400 1040 | Standard bridging bar<br>1 x<br>2609 0026<br>Rear bridging bar<br>1 x<br>2609 0041 |
| 250 A               | B4T              | 3 P             | 26PV 3024 |                                                   |                                                                                                              |                                                                   |                                                                                    |
| 315 A               | B4T              | 3 P             | 26PV 3030 |                                                   |                                                                                                              |                                                                   |                                                                                    |
| 400 A               | B4T              | 3 P             | 26PV 3039 |                                                   |                                                                                                              |                                                                   |                                                                                    |
| 800 A               | B6 <sub>DS</sub> | 8 P             | 26PV 8080 | J4 type<br>Black<br>1142 1111<br>Red<br>1143 1111 | Type V1<br>Black IP65<br>2799 7145                                                                           | 320 mm<br>4199 3018                                               | 1 x<br>2609 1100                                                                   |
| 1250 A              | B6 <sub>DS</sub> | 8 P             | 26PV 8120 |                                                   |                                                                                                              |                                                                   |                                                                                    |
| 2000 A              | B7 <sub>DS</sub> | 8 P             | 26PV 8200 |                                                   |                                                                                                              |                                                                   |                                                                                    |

(1) Defeatable handle.

## Accessories

### Direct operation handle

| Frame size                            | Handle type | Handle colour | Reference        |
|---------------------------------------|-------------|---------------|------------------|
| B4 ... B5                             | B2          | Black         | 2699 <b>5052</b> |
|                                       |             | Red           | 2699 <b>5053</b> |
|                                       | J1          | Black         | 1112 <b>1111</b> |
|                                       |             | Red           | 1113 <b>1111</b> |
| B6 ... B7                             | J4          | Black         | 1142 <b>1111</b> |
|                                       |             | Red           | 1143 <b>1111</b> |
| B4 <sub>DS</sub> ... B5 <sub>DS</sub> | B2          | Black         | 2699 <b>5052</b> |
|                                       |             | Red           | 2699 <b>5053</b> |
|                                       | J4          | Black         | 1142 <b>1111</b> |
|                                       |             | Red           | 1143 <b>1111</b> |
|                                       | J2          | Black         | 1122 <b>1111</b> |
|                                       |             | Red           | 1123 <b>1111</b> |
| B6 <sub>DS</sub> ...B7 <sub>DS</sub>  | J4          | Black         | 1142 <b>1111</b> |
|                                       |             | Red           | 1143 <b>1111</b> |
| B8                                    | J4          | Black         | 1142 <b>1111</b> |
|                                       |             | Red           | 1143 <b>1111</b> |



### External operation handle

#### Use

The external operating handle includes an escutcheon, is padlockable, and must be used with an extension shaft.

In a combiner box located close to the solar cell strings, or located close to the inverter, we recommend using a door interlocked external handle for its safety features.

#### Example

The door interlocking function in the "ON" position will force the operator to disconnect and isolate the solar cell strings prior to any intervention.

When the switch is in the "ON" position, the door can only be opened using a tool (authorised persons only).

The lock is automatically restored when the door is closed.



| Frame size                            | Handle type | Handle colour | Ingress Protection rating | Reference        |
|---------------------------------------|-------------|---------------|---------------------------|------------------|
| B4 ... B5                             | S2          | Black         | IP55                      | 1421 <b>2111</b> |
|                                       | S2          | Black         | IP65                      | 1423 <b>2111</b> |
|                                       | S2          | Red/Yellow    | IP65                      | 1424 <b>2111</b> |
| B6 ... B7                             | S4          | Black         | IP65                      | 1443 <b>3111</b> |
|                                       | S4          | Red/Yellow    | IP65                      | 1444 <b>3111</b> |
| B8                                    | V1          | Black         | IP65                      | 2799 <b>7145</b> |
| B4 <sub>DS</sub>                      | S2          | Black         | IP55                      | 1421 <b>2111</b> |
|                                       | S2          | Black         | IP65                      | 1423 <b>2111</b> |
|                                       | S2          | Red/Yellow    | IP65                      | 1424 <b>2111</b> |
| B5 <sub>DS</sub>                      | S4          | Black         | IP65                      | 1443 <b>3111</b> |
|                                       | S4          | Red/Yellow    | IP65                      | 1444 <b>3111</b> |
| B6 <sub>DS</sub> ... B7 <sub>DS</sub> | V1          | Black         | IP65                      | 2799 <b>7145</b> |
| B8                                    |             |               |                           |                  |

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Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## Accessories (continued)

### Shaft for external operation

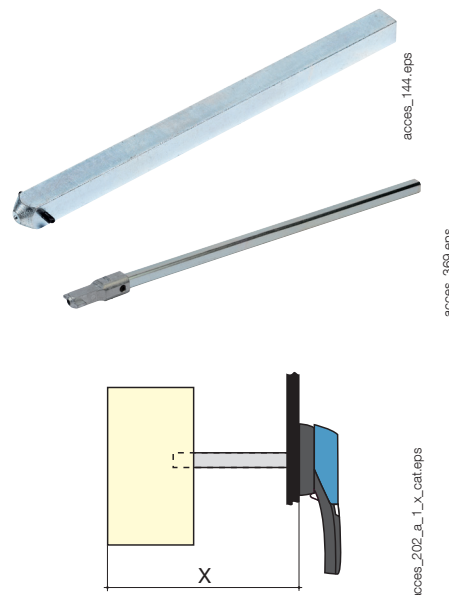
#### Use

Shaft lengths:

- 200 mm,
- 320 mm,
- 400 mm.

For any other length, Please consult us.

| Frame size       | Handle type | Dimension X (mm) | Length (mm) | Reference |
|------------------|-------------|------------------|-------------|-----------|
| B4               | S2          | 150 ... 295      | 200         | 1400 1020 |
| B4               | S2          | 150 ... 415      | 320         | 1400 1032 |
| B4               | S2          | 150 ... 495      | 400         | 1400 1040 |
| B5               | S2          | 203 ... 328      | 200         | 1400 1020 |
| B5               | S2          | 203 ... 448      | 320         | 1400 1032 |
| B5               | S2          | 203 ... 525      | 400         | 1400 1040 |
| B6               | S4          | 220 ... 343      | 200         | 1401 1520 |
| B6               | S4          | 220 ... 463      | 320         | 1401 1532 |
| B6               | S4          | 220 ... 543      | 400         | 1401 1540 |
| B7               | S4          | 305 ... 366      | 200         | 1401 1520 |
| B7               | S4          | 305 ... 485      | 320         | 1401 1532 |
| B7               | S4          | 305 ... 564      | 400         | 1401 1540 |
| B8               | V1          | 415 ... 690      | 320         | 2799 3018 |
| B8               | V1          | 415 ... 820      | 450         | 2799 3019 |
| B4 <sub>DS</sub> | S2          | 210...310        | 200         | 1400 1020 |
| B4 <sub>DS</sub> | S2          | 210...430        | 320         | 1400 1032 |
| B4 <sub>DS</sub> | S2          | 210...510        | 400         | 1400 1040 |
| B5 <sub>DS</sub> | S4          | 280...390        | 200         | 1401 1520 |
| B5 <sub>DS</sub> | S4          | 280...510        | 320         | 1401 1532 |
| B5 <sub>DS</sub> | S4          | 280...590        | 400         | 1401 1540 |
| B6 <sub>DS</sub> | V1          | 425...577        | 320         | 4199 3018 |
| B6 <sub>DS</sub> | V1          | 425...697        | 400         | 4199 3019 |
| B7 <sub>DS</sub> | V1          | 425...697        | 320         | 4199 3018 |
| B7 <sub>DS</sub> | V1          | 425...777        | 400         | 4199 3019 |



### Shaft guide for external operation

#### Use

Allows you to guide the shaft into the external handle.

This accessory enables the handle to engage the extension shaft with a misalignment of up to 15 mm.

Recommended for shaft lengths over 320 mm.

| Description | Reference |
|-------------|-----------|
| Shaft guide | 1429 0000 |



### S-type handle adaptor

#### Use

Enables S-type handles to be fitted in place of existing older style Socomec handles.

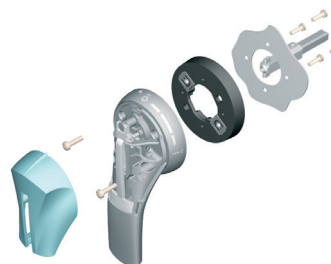
This adaptor can also be utilised as a spacer to increase the distance between the panel door and handle.

#### Dimensions

Adds 12 mm to the handle depth.

| Handle colour | External IP <sup>(1)</sup> | Available for order in multiples of | Reference |
|---------------|----------------------------|-------------------------------------|-----------|
| Black         | IP65                       | 1                                   | 1493 0000 |

<sup>(1)</sup> IP: Ingress Protection rating according to IEC 60529.



## Auxiliary contact

### Use

Pre-break and signalling of positions 0 and I:

- 1 to 2 NO/NC auxiliary contacts,
- 1 to 4 NO + NC auxiliary contacts,
- 1 to 2 low level NO/NC auxiliary contacts,

### Characteristics

NO/NC AC: IP2 for front operation.

### Connection to the control circuit

By 6.35 mm fast-on terminal.

### Electrical characteristics

30,000 operations.

### NO/NC auxiliary contact

| Frame size                            | AC position | Type  | Reference |
|---------------------------------------|-------------|-------|-----------|
| B4 ... B8                             | 1 contact   | NO/NC | 2699 0031 |
| B4 ... B8                             | 2 contacts  | NO/NC | 2699 0032 |
| B4 <sub>DS</sub> ... B7 <sub>DS</sub> | 1 contact   | NO/NC | 2699 0061 |
| B4 <sub>DS</sub> ... B7 <sub>DS</sub> | 2 contacts  | NO/NC | 2699 0062 |

### Low level NO/NC auxiliary contacts

| Frame size | AC position | Type  | Reference |
|------------|-------------|-------|-----------|
| B4 ... B7  | 1 contact   | NO/NC | 2699 0301 |
| B4 ... B7  | 2 contacts  | NO/NC | 2699 0302 |



## Terminal screen

### Use

Upstream and downstream protection from direct contact with terminals or connection parts.

| Frame size       | No. of poles | Position       | Pack     | Reference |
|------------------|--------------|----------------|----------|-----------|
| B4               | 2 P          | Top or bottom  | 1 unit   | 2698 3020 |
| B4T              | 3 P          | Top or bottom  | 1 unit   | 2698 4020 |
| B4               | 4 P          | Top or bottom  | 1 unit   | 2698 4020 |
| B5               | 3 P          | Top or bottom  | 1 unit   | 2698 3050 |
| B5               | 4 P          | Top or bottom  | 1 unit   | 2698 4050 |
| B6               | 4 P          | Top or bottom  | 1 unit   | 2698 4080 |
| B7               | 4 P          | Top or bottom  | 1 unit   | 2698 4120 |
| B8               | 4 P          | Top or bottom  | 1 unit   | 2698 4200 |
| B4 <sub>DS</sub> | 2 P          | Top or bottom  | 1 unit   | 1509 3025 |
| B5 <sub>DS</sub> | 6 P          | Top and bottom | 2 pieces | 1509 3063 |
| B5 <sub>DS</sub> | 8 P          | Top and bottom | 2 pieces | 1509 4063 |
| B6 <sub>DS</sub> | 8 P          | Top and bottom | 2 pieces | 1509 4080 |



## Inter-phase barriers

### Use

Safety isolation between the terminals.

| Frame size | No. of poles | Reference |
|------------|--------------|-----------|
| B4         | 2 P          | 2998 0023 |
| B4T        | 3 P          | 2998 0023 |
| B4         | 4 P          | 2998 0024 |
| B5         | 4 P          | 2998 0014 |
| B6...B8    | 3 P          | Included  |
| B6...B8    | 4 P          | Included  |

Inter-phase barriers are not mandatory but we highly recommend their use, to separate the polarities + and -.

# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications

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## Accessories (continued)

### Bridging bar for connecting poles in series

#### Use

Bridging bars permit easy connection of the poles in series, allowing the following configurations<sup>(1)</sup>.

<sup>(1)</sup> Other connections: please refer to mounting instructions.

#### 1000 VDC - 1 independent PV circuit

| Switch body Reference | Rating (A) | Frame size       | Fig. | Quantity of bridging bar kits to be ordered per switch - ungrounded | Fig. | Reference |           |
|-----------------------|------------|------------------|------|---------------------------------------------------------------------|------|-----------|-----------|
| 26PV 4040             | 400        | B4               |      | 4                                                                   |      | 2609 0025 |           |
| 26PV 4050             | 500        |                  |      |                                                                     |      | 2709 0027 |           |
| 26PV 4063             | 630        | B5               |      | 4                                                                   |      | 2609 1100 |           |
| 26PV 4080             | 800        |                  |      |                                                                     |      | 2609 1200 |           |
| 26PV 4120             | 1250       | B6               |      | 2                                                                   |      | 2609 1100 |           |
| 26PV 4200             | 2000       | B7               |      | 2                                                                   |      |           | 2609 1200 |
| 26PV 4320             | 3200       | B8               |      | 2                                                                   |      |           |           |
| 26PV 8063             | 630        | B5 <sub>DS</sub> |      | 8                                                                   |      | 2709 0027 |           |
| 26PV 8080             | 800        | B6 <sub>DS</sub> |      | 4                                                                   |      | 2609 1100 |           |
| 26PV 8120             | 1250       |                  |      |                                                                     |      |           |           |
| 26PV 8200             | 2000       | B7 <sub>DS</sub> |      | 4                                                                   |      | 2609 1200 |           |

## Bridging bar for connecting poles in series (continued)

### Use

Bridging bars permit easy connection of the poles in series, allowing the following configurations<sup>(1)</sup>.

(1) Other connections: please refer to mounting instructions.

### 1500 VDC - 1 independent PV circuit

| Switch body Reference | Rating (A) | Frame size | Quantity to be ordered to connect 2 poles in series | Fig. | Quantity of bridging bar kits to be ordered per switch - ungrounded | Fig. | Reference |
|-----------------------|------------|------------|-----------------------------------------------------|------|---------------------------------------------------------------------|------|-----------|
| 26PV 3015             | 160        | B4T        | 1                                                   |      | 1                                                                   |      | 2609 0026 |
|                       |            |            |                                                     |      |                                                                     |      | 2609 0041 |
| 26PV 3024             | 250        | B4T        | 1                                                   |      | 1                                                                   |      | 2609 0026 |
|                       |            |            |                                                     |      |                                                                     |      | 2609 0041 |
| 26PV 3030             | 315        | B4T        | 1                                                   |      | 1                                                                   |      | 2609 0026 |
|                       |            |            |                                                     |      |                                                                     |      | 2609 0041 |
| 26PV 3039             | 400        | B4T        | 1                                                   |      | 1                                                                   |      | 2609 0026 |
|                       |            |            |                                                     |      |                                                                     |      | 2609 0041 |

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## Accessories (continued)

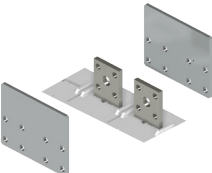
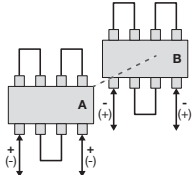
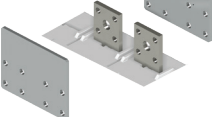
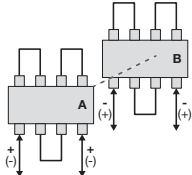
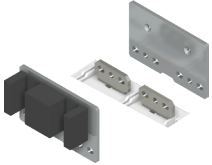
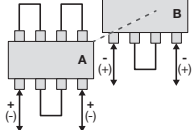
### Bridging bar for connecting poles in series (continued)

#### Use

Bridging bars permit easy connection of the poles in series, allowing the following configurations<sup>(1)</sup>.

<sup>(1)</sup> Other connections: please refer to mounting instructions.

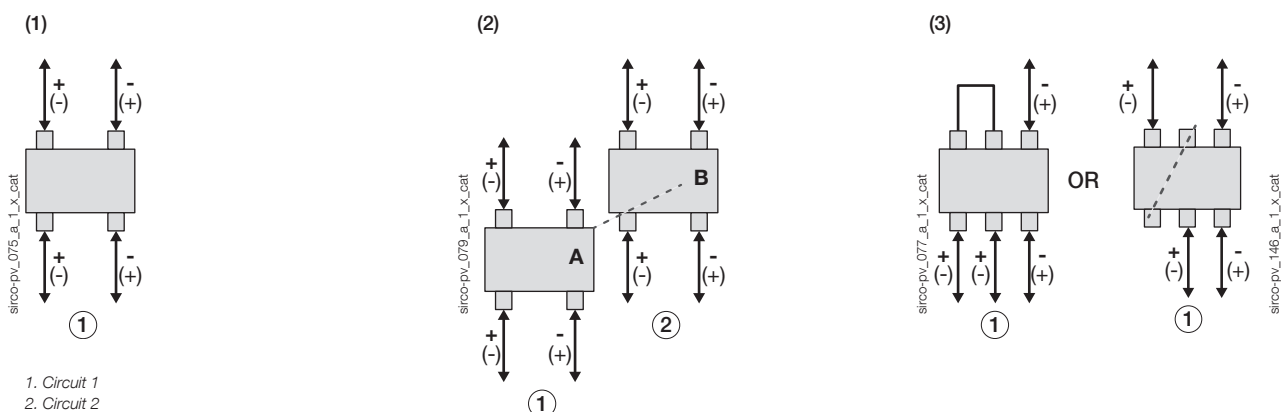
#### 1500 VDC - 1 independent PV circuit

| Switch body Reference | Rating (A) | Frame size       | Quantity to be ordered to connect 2 poles in series | Fig.                                                                              | Quantity of bridging bar kits to be ordered per switch - ungrounded | Fig.                                                                                | Reference |
|-----------------------|------------|------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
| 26PV 8080             | 800        | B6 <sub>DS</sub> | 1                                                   |  | 4                                                                   |  | 2609 1100 |
| 26PV 8120             | 1250       | B6 <sub>DS</sub> | 1                                                   |  | 4                                                                   |  | 2609 1100 |
| 26PV 8200             | 2000       | B7 <sub>DS</sub> | 1                                                   |  | 4                                                                   |  | 2609 1200 |

## Characteristics

### Characteristics according to IEC 60947-3

| Rated current $I_n$                                     |                 |                      | 100 A                   |                         | 160 A                   |                         |                         | 250 A                   |                         |                         |
|---------------------------------------------------------|-----------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Reference                                               |                 |                      | 26PV 2010               | 26PV 5010               | 26PV 2016               | 26PV 5016               | 26PV 3015               | 26PV 2025               | 26PV 5025               | 26PV 3024               |
| Frame size                                              |                 |                      | B4                      | B4 <sub>DS</sub>        | B4                      | B4 <sub>DS</sub>        | B4T                     | B4                      | B4 <sub>DS</sub>        | B4T                     |
| Thermal current at 40 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 160                     | 250                     | 250                     | 250                     |
| Thermal current at 45 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 160                     | 250                     | 250                     | 250                     |
| Thermal current at 50 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 160                     | 250                     | 250                     | 250                     |
| Thermal current at 55 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 160                     | 250                     | 250                     | 250                     |
| Thermal current at 60 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 160                     | 250                     | 250                     | 250                     |
| Thermal current at 65 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 152                     | 250                     | 250                     | 237                     |
| Thermal current at 70 °C (A)                            |                 |                      | 100                     | 100                     | 160                     | 160                     | 144                     | 250                     | 250                     | 225                     |
| Rated insulation voltage $U_i$ (V)                      |                 |                      | 1500                    | 1500                    | 1500                    | 1500                    | 1500                    | 1500                    | 1500                    | 1500                    |
| Rated impulse withstand voltage $U_{imp}$ (kV)          |                 |                      | 12                      | 12                      | 12                      | 12                      | 12                      | 12                      | 12                      | 12                      |
| Number of circuits                                      | Nominal voltage | Utilisation category | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               | $I_e$ (A)               |
| $I_e$ (A)                                               | 1000 VDC        | DC-21 B              | 100                     | -                       | 160                     | -                       | -                       | 250                     | -                       | -                       |
|                                                         |                 |                      | -                       | 100                     | -                       | 160                     | -                       | -                       | 250                     | -                       |
|                                                         | 1500 VDC        | DC-21 B              | -                       | -                       | -                       | -                       | -                       | -                       | -                       | -                       |
|                                                         |                 |                      | -                       | -                       | -                       | -                       | -                       | -                       | -                       | -                       |
|                                                         |                 | DC-PV1               | -                       | -                       | -                       | -                       | 160                     | -                       | -                       | 250                     |
| Number of poles in series per circuit                   |                 |                      | 1P+; 1P- <sup>(1)</sup> | 1P+; 1P- <sup>(2)</sup> | 1P+; 1P- <sup>(1)</sup> | 1P+; 1P- <sup>(2)</sup> | 2P+; 1P- <sup>(3)</sup> | 1P+; 1P- <sup>(1)</sup> | 1P+; 1P- <sup>(2)</sup> | 2P+; 1P- <sup>(3)</sup> |
| Number of poles of the device                           |                 |                      | 2 P                     | 4 P                     | 2 P                     | 4 P                     | 3 P                     | 2 P                     | 4 P                     | 3 P                     |
| <b>Short-circuit operation (switch only)</b>            |                 |                      |                         |                         |                         |                         |                         |                         |                         |                         |
| Rated short-time withstand current 0.3 s (kA rms)       |                 |                      | 10                      | 10                      | 10                      | 10                      | 10                      | 10                      | 10                      | 10                      |
| Rated short-time withstand current 1 s (kA eff)         |                 |                      | 5                       | 5                       | 5                       | 5                       | 5                       | 5                       | 5                       | 5                       |
| Power dissipation per pole of the PV switch (W/P) 40 °C |                 |                      | 0.8                     | 0.8                     | 2                       | 2                       | 2.5                     | 4.7                     | 4.7                     | 5                       |
| Humidity according to IEC 60947-1 Annex Q (%)           |                 |                      | 95                      | 95                      | 95                      | 95                      | 95                      | 95                      | 95                      | 95                      |
| <b>Connection</b>                                       |                 |                      |                         |                         |                         |                         |                         |                         |                         |                         |
| Nominal Cu cable section (mm <sup>2</sup> )             |                 |                      | 35                      | 35                      | 70                      | 70                      | 70                      | 120                     | 120                     | 120                     |
| Nominal Cu busbar width (mm)                            |                 |                      | 32                      | 32                      | 32                      | 32                      | 32                      | 32                      | 32                      | 32                      |



# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications

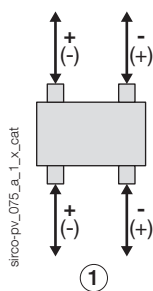
from 100 to 3200 A, up to 1500 VDC

## Characteristics (continued)

### Characteristics according to IEC 60947-3

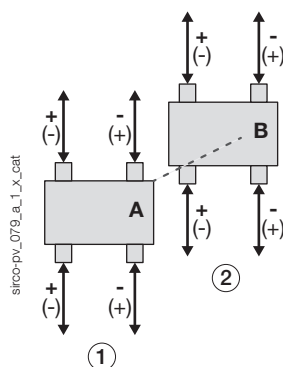
| Rated current I <sub>n</sub>                            |            |                 |                      | 315 A                   |                         |                         |
|---------------------------------------------------------|------------|-----------------|----------------------|-------------------------|-------------------------|-------------------------|
| Reference                                               |            |                 |                      | 26PV 2031               | 26PV 5031               | 26PV 3030               |
| Frame size                                              |            |                 |                      | B4                      | B4 <sub>DS</sub>        | B4T                     |
| Thermal current at 40 °C (A)                            |            |                 |                      | 315                     | 315                     | 315                     |
| Thermal current at 45 °C (A)                            |            |                 |                      | 315                     | 315                     | 315                     |
| Thermal current at 50 °C (A)                            |            |                 |                      | 315                     | 315                     | 315                     |
| Thermal current at 55 °C (A)                            |            |                 |                      | 315                     | 315                     | 315                     |
| Thermal current at 60 °C (A)                            |            |                 |                      | 315                     | 315                     | 315                     |
| Thermal current at 65 °C (A)                            |            |                 |                      | 315                     | 315                     | 299                     |
| Thermal current at 70 °C (A)                            |            |                 |                      | 315                     | 315                     | 283                     |
| Rated insulation voltage U <sub>i</sub> (V)             |            |                 |                      | 1500                    | 1500                    | 1500                    |
| Rated impulse withstand voltage U <sub>imp</sub> (kV)   |            |                 |                      | 12                      | 12                      | 12                      |
| Number of circuits                                      |            | Nominal voltage | Utilisation category | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      |
| I <sub>e</sub> (A)                                      | 1 circuit  | 1000 VDC        | DC-21 B              | 315                     |                         | -                       |
|                                                         | 2 circuits |                 |                      | -                       | 315                     | -                       |
|                                                         | 1 circuit  | 1500 VDC        | DC-21 B              | -                       | -                       | -                       |
|                                                         | 2 circuits |                 |                      | -                       | -                       | -                       |
|                                                         | 1 circuit  |                 | DC-PV1               | -                       | -                       | 315                     |
| Number of poles in series per circuit                   |            |                 |                      | 1P+; 1P <sup>-(1)</sup> | 1P+; 1P <sup>-(2)</sup> | 2P+; 1P <sup>-(3)</sup> |
| Number of poles of the device                           |            |                 |                      | 2 P                     | 4 P                     | 3 P                     |
| Short-circuit operation (switch only)                   |            |                 |                      |                         |                         |                         |
| Rated short-time withstand current 0.3 s (kA rms)       |            |                 |                      | 10                      | 10                      | 10                      |
| Rated short-time withstand current 1 s (kA eff)         |            |                 |                      | 5                       | 5                       | 5                       |
| Power dissipation per pole of the PV switch (W/P) 40 °C |            |                 |                      | 8                       | 8                       | 9.5                     |
| Humidity according to IEC 60947-1 Annex Q (%)           |            |                 |                      | 95                      | 95                      | 95                      |
| Connection                                              |            |                 |                      |                         |                         |                         |
| Nominal Cu cable section (mm²)                          |            |                 |                      | 185                     | 185                     | 185                     |
| Nominal Cu busbar width (mm)                            |            |                 |                      | 32                      | 32                      | 32                      |

(1)

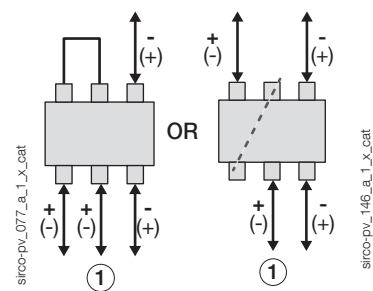


1. Circuit 1  
2. Circuit 2

(2)



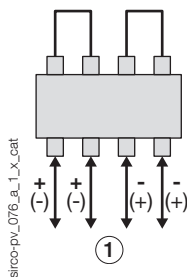
(3)



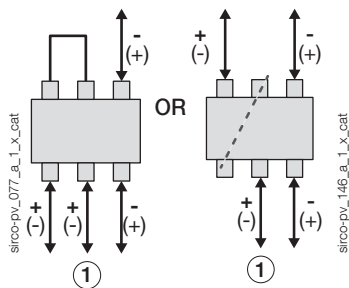
## Characteristics according to IEC 60947-3

| Rated current I <sub>n</sub>                            |            |                 |                      | 400 A                   |                         | 500 A                   |
|---------------------------------------------------------|------------|-----------------|----------------------|-------------------------|-------------------------|-------------------------|
| Reference                                               |            |                 |                      | 26PV 4040               | 26PV 3039               | 26PV 4050               |
| Frame size                                              |            |                 |                      | B4                      | B4T                     | B4                      |
| Thermal current at 40 °C (A)                            |            |                 |                      | 400                     | 400                     | 500                     |
| Thermal current at 45 °C (A)                            |            |                 |                      | 400                     | 400                     | 500                     |
| Thermal current at 50 °C (A)                            |            |                 |                      | 400                     | 400                     | 500                     |
| Thermal current at 55 °C (A)                            |            |                 |                      | 400                     | 400                     | 500                     |
| Thermal current at 60 °C (A)                            |            |                 |                      | 400                     | 400                     | 500                     |
| Thermal current at 65 °C (A)                            |            |                 |                      | 380                     | 380                     | 475                     |
| Thermal current at 70 °C (A)                            |            |                 |                      | 360                     | 360                     | 450                     |
| Rated insulation voltage U <sub>i</sub> (V)             |            |                 |                      | 1500                    | 1500                    | 1500                    |
| Rated impulse withstand voltage U <sub>imp</sub> (kV)   |            |                 |                      | 12                      | 12                      | 12                      |
| Number of circuits                                      |            | Nominal voltage | Utilisation category | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      |
| I <sub>e</sub> (A)                                      | 1 circuit  | 1000 VDC        | DC-21 B              | 400                     | -                       | 500                     |
|                                                         | 2 circuits |                 |                      | -                       | -                       | -                       |
|                                                         | 1 circuit  | 1500 VDC        | DC-21 B              | -                       | -                       | -                       |
|                                                         | 2 circuits |                 |                      | -                       | -                       | -                       |
|                                                         | 1 circuit  |                 | DC-PV1               | -                       | 400                     | -                       |
| Number of poles in series per circuit                   |            |                 |                      | 2P+; 2P- <sup>(1)</sup> | 2P+; 1P- <sup>(2)</sup> | 2P+; 2P- <sup>(1)</sup> |
| Number of poles of the device                           |            |                 |                      | 4 P                     | 3 P                     | 4 P                     |
| Short-circuit operation (switch only)                   |            |                 |                      |                         |                         |                         |
| Rated short-time withstand current 0.3 s (kA rms)       |            |                 |                      | 10                      | 10                      | 10                      |
| Rated short-time withstand current 1 s (kA eff)         |            |                 |                      | 5                       | 5                       | 5                       |
| Power dissipation per pole of the PV switch (W/P) 40 °C |            |                 |                      | 20                      | 15                      | 30                      |
| Humidity according to IEC 60947-1 Annex Q (%)           |            |                 |                      | 95                      | 95                      | 95                      |
| Connection                                              |            |                 |                      |                         |                         |                         |
| Nominal Cu cable section (mm²)                          |            |                 |                      | 240                     | 240                     | 2 x 150                 |
| Nominal Cu busbar width (mm)                            |            |                 |                      | 32                      | 32                      | 32                      |

(1)



(2)



# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications

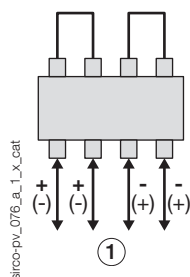
from 100 to 3200 A, up to 1500 VDC

## Characteristics (continued)

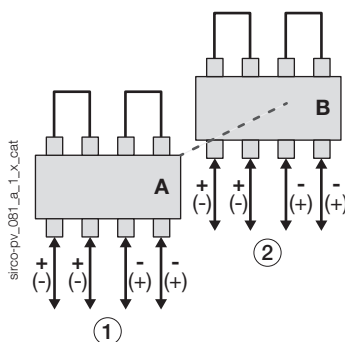
### Characteristics according to IEC 60947-3

| Rated current I <sub>n</sub>                            |            |                 |                      | 630 A                   |                         | 800 A                   |                         |
|---------------------------------------------------------|------------|-----------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Reference                                               |            |                 |                      | 26PV 4063               | 26PV 8063               | 26PV 4080               | 26PV 8080               |
| Frame size                                              |            |                 |                      | B5                      | B5 <sub>DS</sub>        | B5                      | B5 <sub>DS</sub>        |
| Thermal current at 40 °C (A)                            |            |                 |                      | 630                     | 630                     | 800                     | 800                     |
| Thermal current at 45 °C (A)                            |            |                 |                      | 630                     | 630                     | 760                     | 760                     |
| Thermal current at 50 °C (A)                            |            |                 |                      | 630                     | 630                     | 720                     | 720                     |
| Thermal current at 55 °C (A)                            |            |                 |                      | 630                     | 630                     | 685                     | 685                     |
| Thermal current at 60 °C (A)                            |            |                 |                      | 560                     | 560                     | 650                     | 650                     |
| Thermal current at 65 °C (A)                            |            |                 |                      | 540                     | 540                     | 620                     | 620                     |
| Thermal current at 70 °C (A)                            |            |                 |                      | 510                     | 510                     | 590                     | 590                     |
| Rated insulation voltage U <sub>i</sub> (V)             |            |                 |                      | 1500                    | 1500                    | 1200                    | 1500                    |
| Rated impulse withstand voltage U <sub>imp</sub> (kV)   |            |                 |                      | 12                      | 12                      | 12                      | 12                      |
| Number of circuits                                      |            | Nominal voltage | Utilisation category | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      |
| I <sub>e</sub> (A)                                      | 1 circuit  | 1000 VDC        | DC-21 B              | 630                     | -                       | 800                     | -                       |
|                                                         | 2 circuits |                 |                      | -                       | 630                     | -                       | 800                     |
|                                                         | 1 circuit  | 1500 VDC        | DC-21 B              | -                       | -                       | -                       | -                       |
|                                                         | 2 circuits |                 |                      | -                       | -                       | -                       | -                       |
| Number of poles in series per circuit                   |            |                 |                      | 2P+; 2P- <sup>(1)</sup> | 2P+; 2P- <sup>(2)</sup> | 2P+; 2P- <sup>(1)</sup> | 2P+; 2P- <sup>(2)</sup> |
| Number of poles of the device                           |            |                 |                      | 4 P                     | 8 P                     | 4 P                     | 8 P                     |
| Short-circuit operation (switch only)                   |            |                 |                      |                         |                         |                         |                         |
| Rated short-time withstand current 0.3 s (kA rms)       |            |                 |                      | 10                      | 10                      | 10                      | 10                      |
| Rated short-time withstand current 1 s (kA eff)         |            |                 |                      | 5                       | 5                       | 5                       | 5                       |
| Power dissipation per pole of the PV switch (W/P) 40 °C |            |                 |                      | 40                      | 40                      | 70                      | 70                      |
| Humidity according to IEC 60947-1 Annex Q (%)           |            |                 |                      | 95                      | 95                      | 95                      | 95                      |
| Connection                                              |            |                 |                      |                         |                         |                         |                         |
| Nominal Cu cable section (mm²)                          |            |                 |                      | 2 x 185                 | 2 x 185                 | 2 x 240                 | 2 x 240                 |
| Nominal Cu busbar width (mm)                            |            |                 |                      | 40                      | 40                      | 50                      | 50                      |

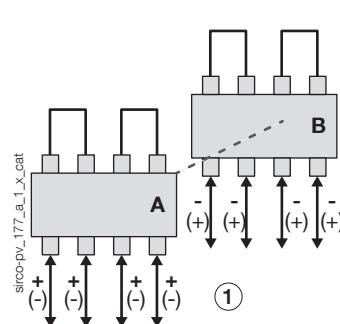
(1)



(2)



(3)

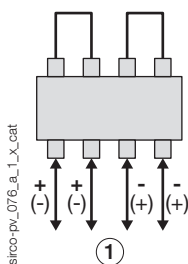


1. Circuit 1
2. Circuit 2

## Characteristics according to IEC 60947-3

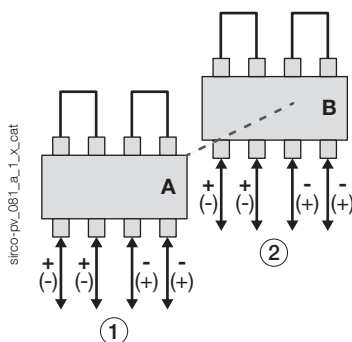
| Rated current I <sub>n</sub>                            |            |                 |                      | 1250 A                  |                         |                         | 2000 A                  |                         |                         | 3200 A                  |
|---------------------------------------------------------|------------|-----------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Reference                                               |            |                 |                      | 26PV 4120               | 26PV 8120               |                         | 26PV 4200               | 26PV 8200               |                         | 26PV 4320               |
| Frame size                                              |            |                 |                      | B6                      | B6 <sub>DS</sub>        |                         | B7                      | B7 <sub>DS</sub>        |                         | B8                      |
| Thermal current at 40 °C (A)                            |            |                 |                      | 1250                    | 1250                    |                         | 2000                    | 2000                    |                         | 3200                    |
| Thermal current at 45 °C (A)                            |            |                 |                      | 1250                    | 1250                    |                         | 2000                    | 2000                    |                         | 3200                    |
| Thermal current at 50 °C (A)                            |            |                 |                      | 1250                    | 1250                    |                         | 1850                    | 1850                    |                         | 3200                    |
| Thermal current at 55 °C (A)                            |            |                 |                      | 1180                    | 1180                    |                         | 1730                    | 1730                    |                         | 3040                    |
| Thermal current at 60 °C (A)                            |            |                 |                      | 1125                    | 1125                    |                         | 1600                    | 1600                    |                         | 2888                    |
| Thermal current at 65 °C (A)                            |            |                 |                      | 1050                    | 1050                    |                         | 1520                    | 1520                    |                         | 2743                    |
| Thermal current at 70 °C (A)                            |            |                 |                      | 1000                    | 1000                    |                         | 1440                    | 1440                    |                         | 2606                    |
| Rated insulation voltage U <sub>i</sub> (V)             |            |                 |                      | -                       | -                       |                         | 1500                    | 1500                    |                         | 1500                    |
| Rated impulse withstand voltage U <sub>imp</sub> (kV)   |            |                 |                      | 12                      | 12                      |                         | 12                      | 12                      |                         | 12                      |
| Number of circuits                                      |            | Nominal voltage | Utilisation category | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      | I <sub>e</sub> (A)      |
| I <sub>e</sub> (A)                                      | 1 circuit  | 1000 VDC        | DC-21 B              | 1250                    | -                       |                         | 2000                    | -                       |                         | 3200                    |
|                                                         | 2 circuits |                 |                      | -                       | 1250                    | -                       | 2000                    | -                       | -                       |                         |
|                                                         | 1 circuit  | 1500 VDC        | DC-21 B              | -                       | -                       | 1250                    | -                       | -                       | 2000                    | -                       |
|                                                         | 2 circuits |                 |                      | -                       | -                       |                         | -                       | -                       | -                       | -                       |
| Number of poles in series per circuit                   |            |                 |                      | 2P+; 2P- <sup>(1)</sup> | 2P+; 2P- <sup>(2)</sup> | 4P+; 4P- <sup>(3)</sup> | 2P+; 2P- <sup>(1)</sup> | 2P+; 2P- <sup>(2)</sup> | 4P+; 4P- <sup>(3)</sup> | 4P+; 4P- <sup>(1)</sup> |
| Number of poles of the device                           |            |                 |                      | 4 P                     | 8 P                     |                         | 4 P                     | 8 P                     |                         | 4 P                     |
| Short-circuit operation (switch only)                   |            |                 |                      |                         |                         |                         |                         |                         |                         |                         |
| Rated short-time withstand current 0.3 s (kA rms)       |            |                 |                      | 10                      | 10                      |                         | 10                      | 10                      |                         | 10                      |
| Rated short-time withstand current 1 s (kA eff)         |            |                 |                      | 5                       | 5                       |                         | 5                       | 5                       |                         | 5                       |
| Power dissipation per pole of the PV switch (W/P) 40 °C |            |                 |                      | -                       | 63                      |                         | -                       | 125                     |                         | -                       |
| Humidity according to IEC 60947-1 Annex Q (%)           |            |                 |                      | 95                      | 95                      |                         | 95                      | 95                      |                         | 95                      |
| Connection                                              |            |                 |                      |                         |                         |                         |                         |                         |                         |                         |
| Nominal Cu cable section (mm²)                          |            |                 |                      | 2 x 240                 | 2 x 240                 |                         | -                       | -                       |                         | -                       |
| Nominal Cu busbar width (mm)                            |            |                 |                      | 63                      | 63                      |                         | 100                     | 100                     |                         | 4 x 100 x 5             |

(1)

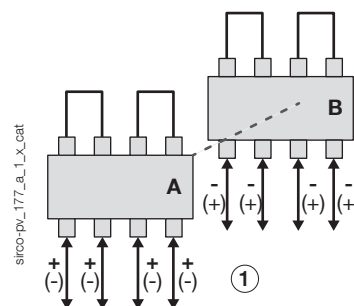


1. Circuit 1  
2. Circuit 2

(2)



(3)



# SIRCO PV IEC 60947-3

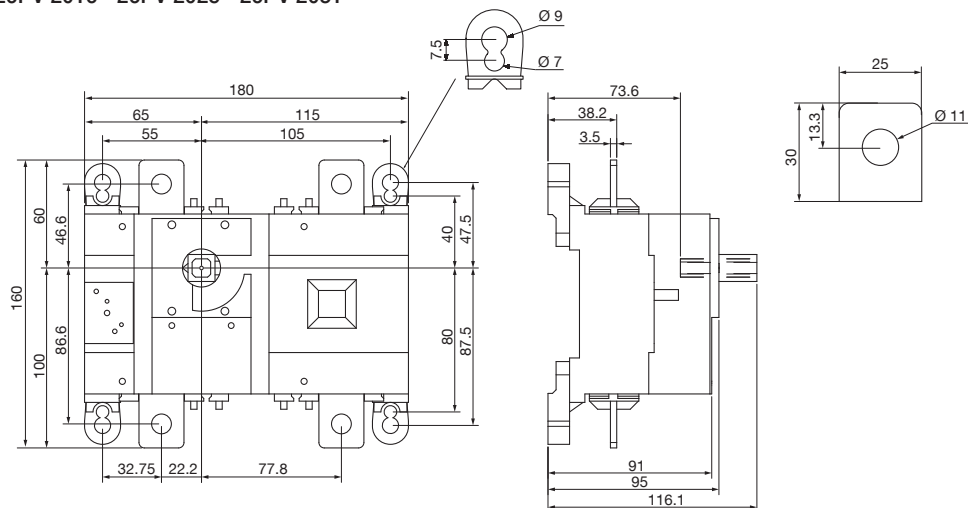
Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## Dimensions (mm)

100 to 315 A - B4 - 2P - 1000 VDC - 1 circuit

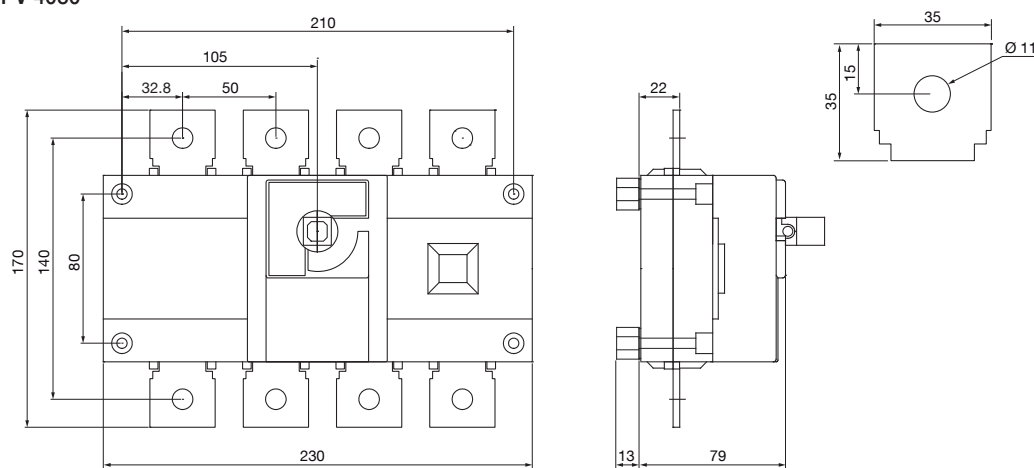
26PV 2010 - 26PV 2016 - 26PV 2025 - 26PV 2031



sirco-pv\_141\_a\_1\_x\_cat.ai

400 to 500 A - B4 - 4P - 1000 VDC - 1 circuit

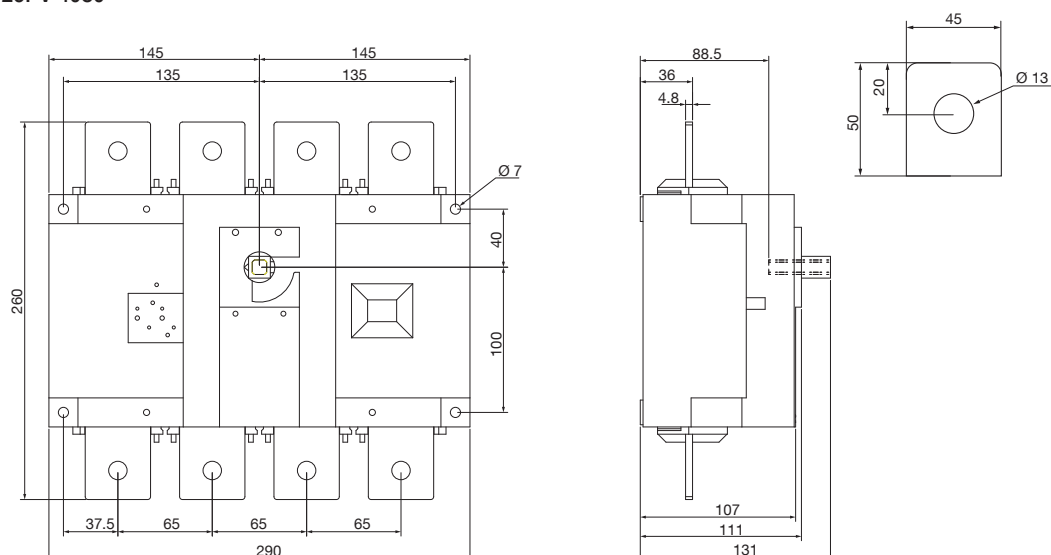
26PV 4040 - 26PV 4050



sirco-pv\_142\_a\_1\_x\_cat.ai

630 to 800 A - B5 - 4P - 1000 VDC - 1 circuit

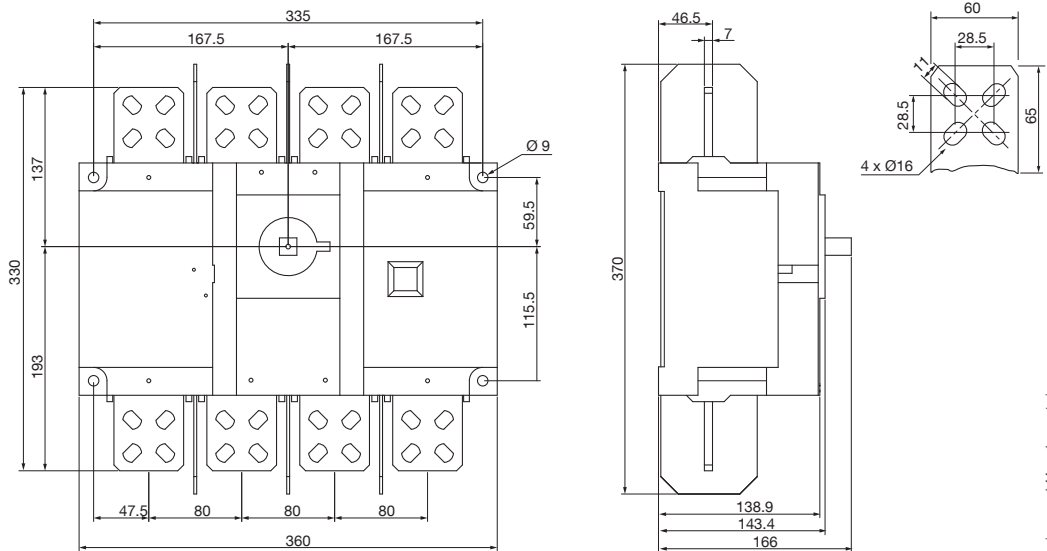
26PV 4063 - 26PV 4080



sirco-pv\_143\_a\_1\_x\_cat.ai

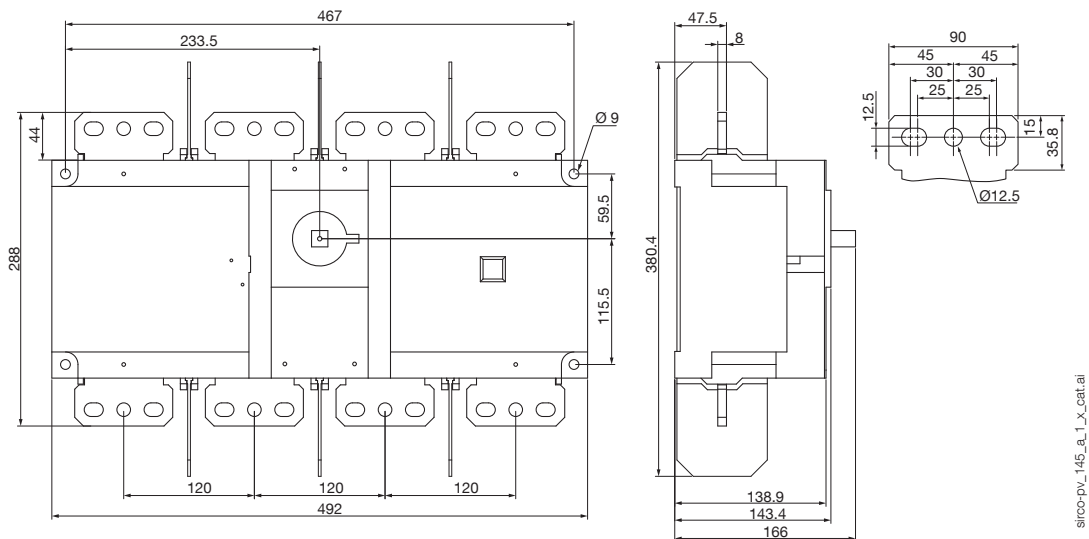
1250 A - B6 - 4P - 1000 VDC - 1 circuit

26PV 4120



2000 A - B7 - 4P - 1000 VDC - 1 circuit

26PV 4200



# SIRCO PV IEC 60947-3

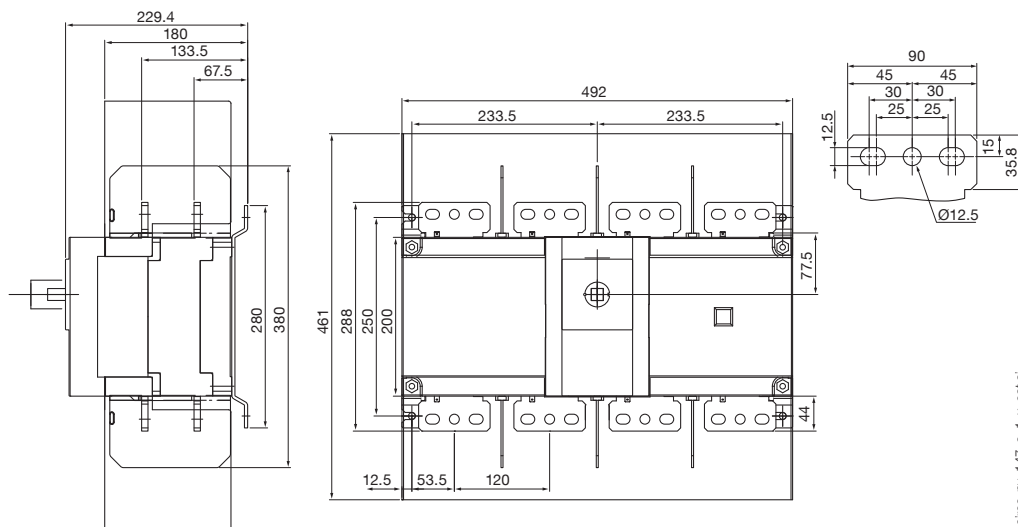
Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## Dimensions (mm) (continued)

3200 A - B8 - 4P - 1000 VDC - 1 circuit

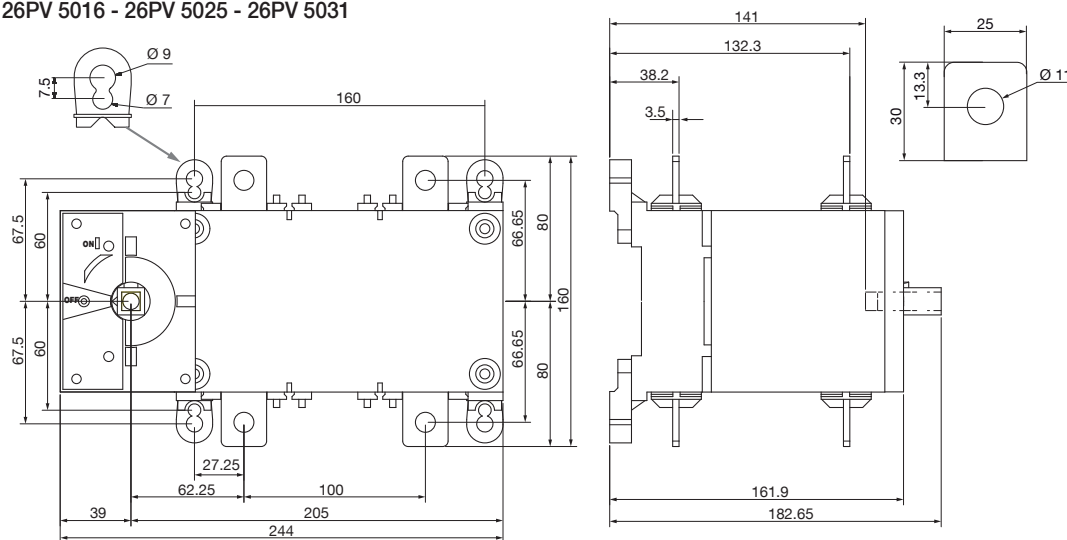
26PV 4320



sirco-pv\_147\_a\_1\_x\_cat.ai

100 to 315 A - B4<sub>DS</sub> - 4P - 1000 VDC - 2 circuits

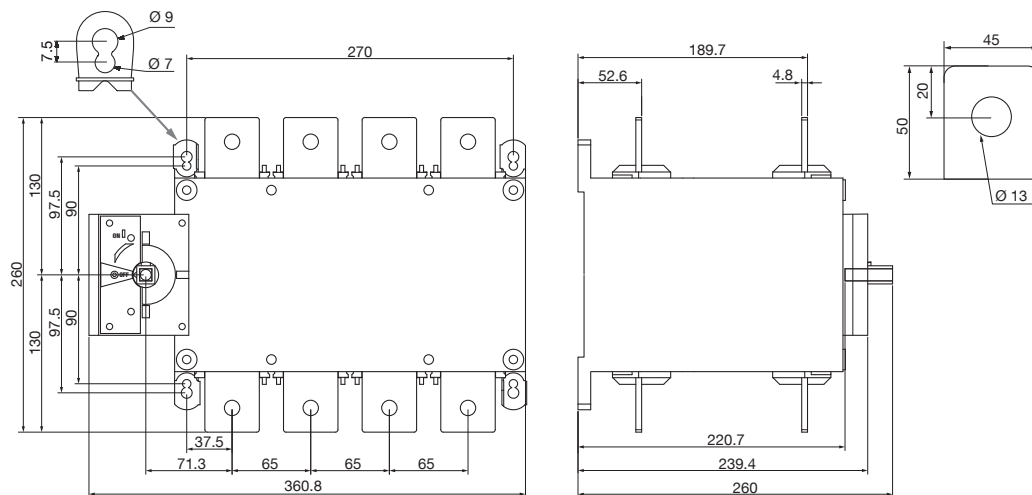
26PV 5010 - 26PV 5016 - 26PV 5025 - 26PV 5031



sirco-pv\_148\_a\_1\_x\_cat.ai

630 A - B5<sub>DS</sub> - 8P - 1000 VDC - 2 circuits

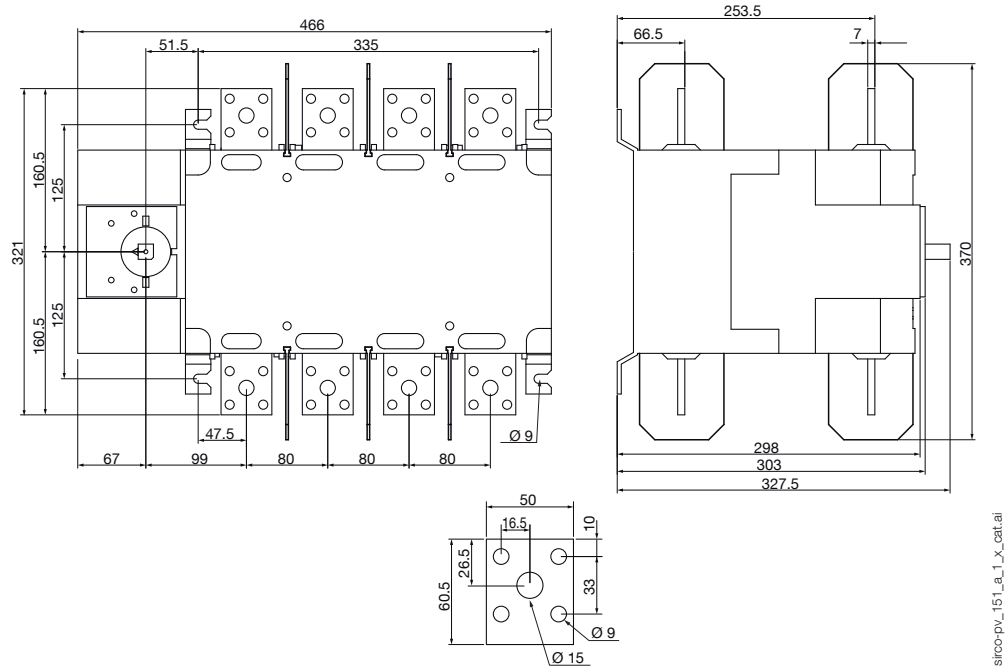
26PV 8063



sirco-pv\_150\_a\_1\_x\_cat.ai

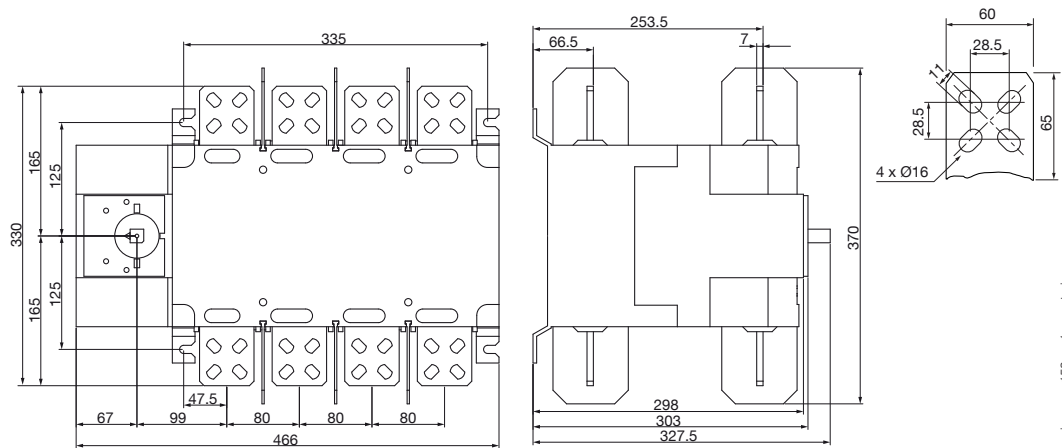
800 A - B6<sub>DS</sub> - 8P - 1000 VDC - 2 circuits

26PV 8080



1250 A - B6<sub>DS</sub> - 8P - 1000 VDC - 2 circuits

26PV 8120



# SIRCO PV IEC 60947-3

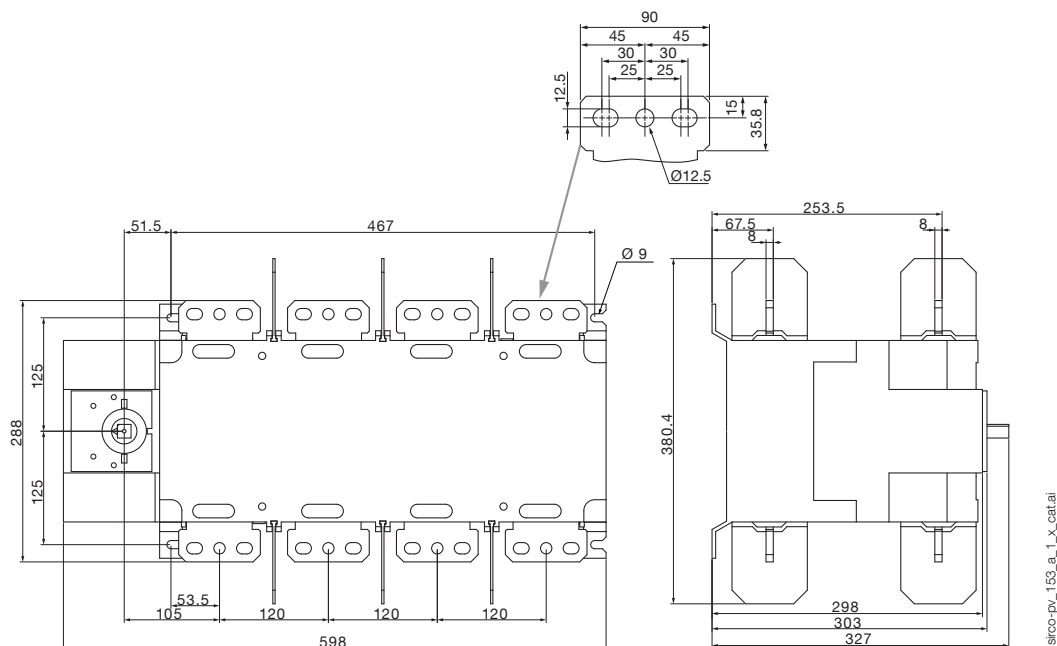
Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## Dimensions (mm) (continued)

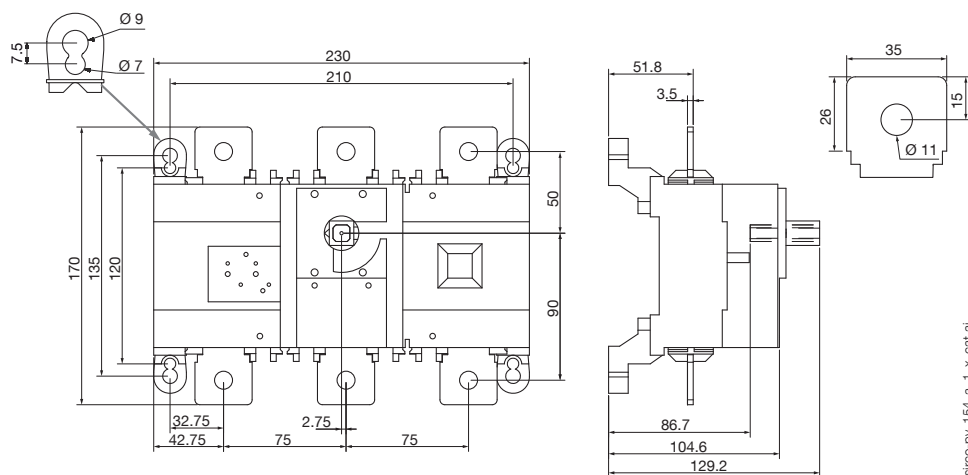
2000 A - B7<sub>DS</sub> - 8P - 1000 VDC - 2 circuits

26PV 8200



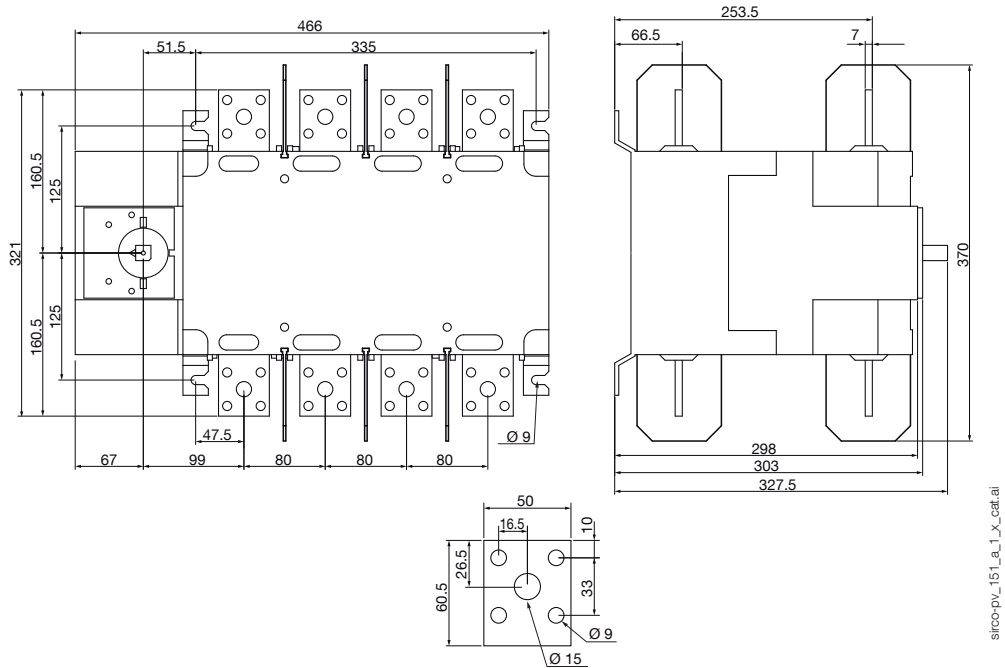
160 to 400 A - B4T - 3P - 1500 VDC - 1 circuit

26PV 3015 - 26PV 3024 - 26PV 3030 - 26PV 3039



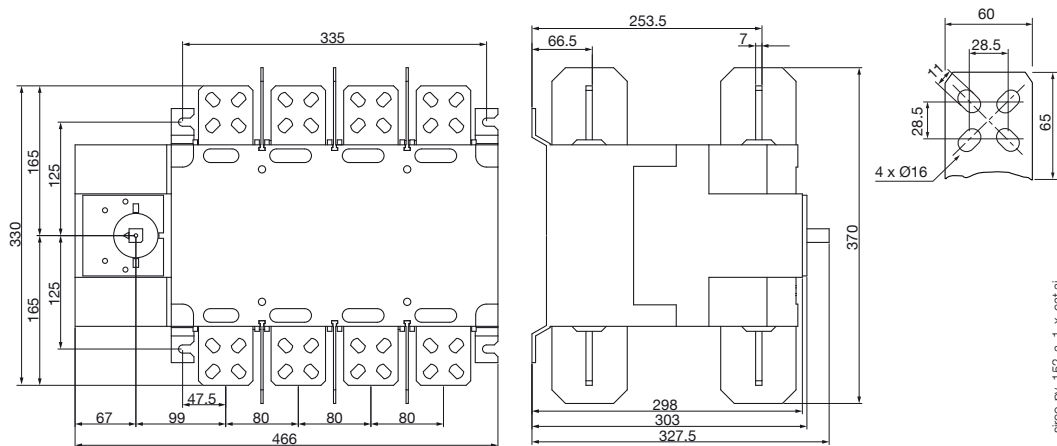
800 A - B6<sub>DS</sub> - 8P - 1500 VDC - 1 circuit

26PV 8080



1250 A - B6<sub>DS</sub> - 8P - 1500 VDC - 1 circuit

26PV 8120



**SIRCO *PV*** IEC 60947-3

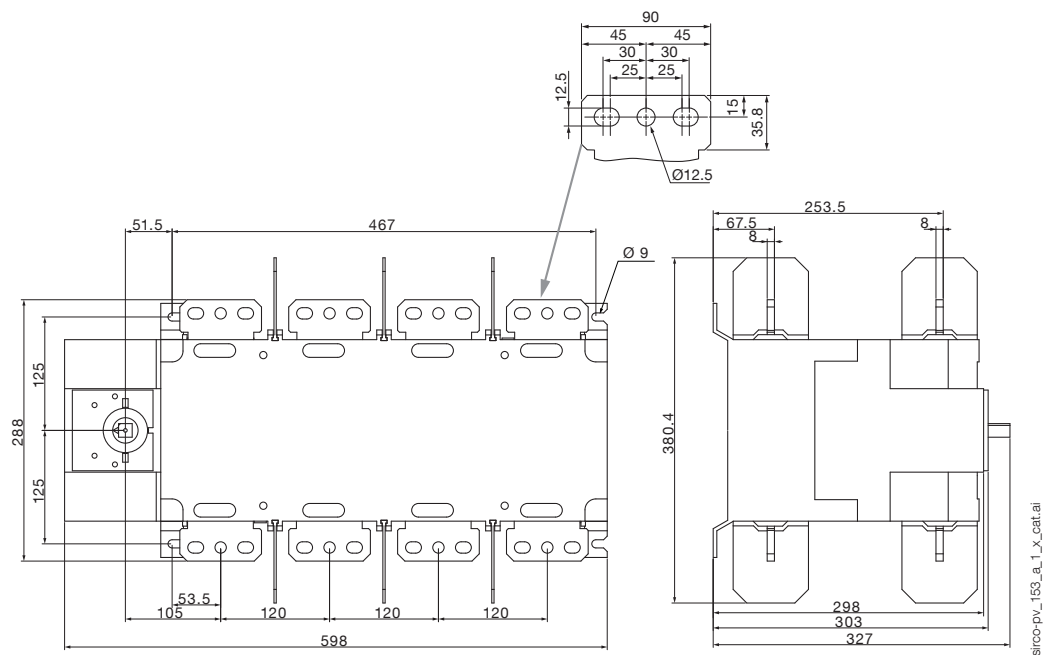
## Load break switches for photovoltaic applications

from 100 to 3200 A, up to 1500 VDC

## Dimensions (mm) (continued)

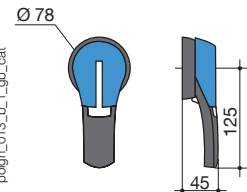
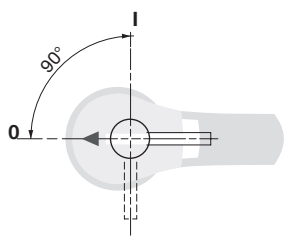
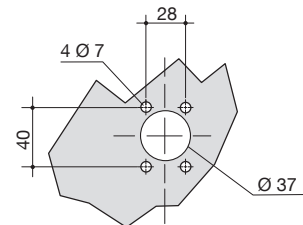
2000 A - B7<sub>DS</sub> - 8P - 1500 VDC - 1 circuit

26PV 8200

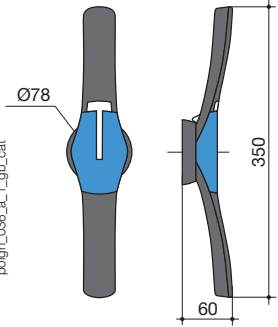
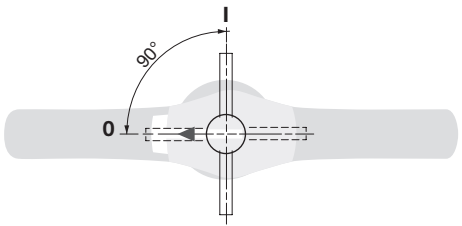
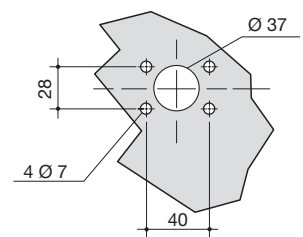


Dimensions of external handles (mm)

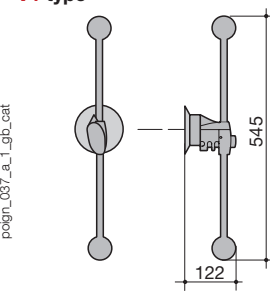
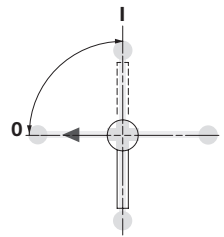
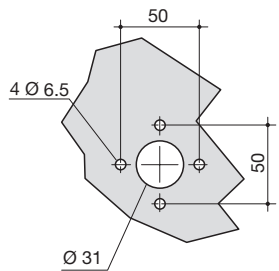
B4 - B4<sub>DS</sub> - B5

| Handle type                                                                                             | Front operation<br>Direction of operation                                         | Door drilling                                                                       |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>S2 type</b><br><br> |  |  |

B5<sub>DS</sub> - B6 - B7

| Handle type                                                                                              | Front operation<br>Direction of operation                                           | Door drilling                                                                         |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>S4 type</b><br><br> |  |  |

B8 - B6<sub>DS</sub> - B7<sub>DS</sub>

| Handle type                                                                                               | Front operation<br>Direction of operation                                           | Door drilling                                                                         |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>V1 type</b><br><br> |  |  |

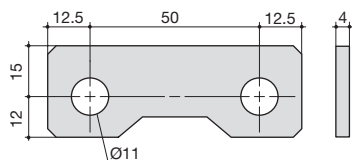
# SIRCO PV IEC 60947-3

Load break switches for photovoltaic applications  
from 100 to 3200 A, up to 1500 VDC

## Bridging bars (mm)

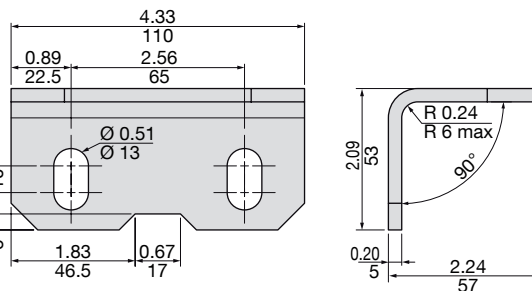
2609 0025

siroco-ul\_030\_a\_1\_x\_cat



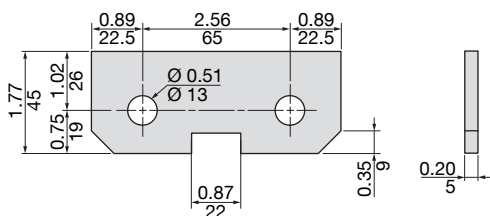
2709 0045

siroco-pv-134\_a\_1\_x\_cat



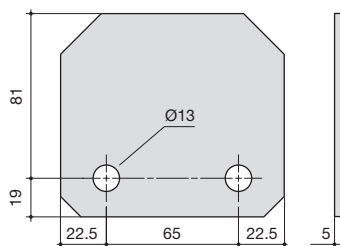
2709 0027

siroco-pv\_179\_a\_1\_x\_cat



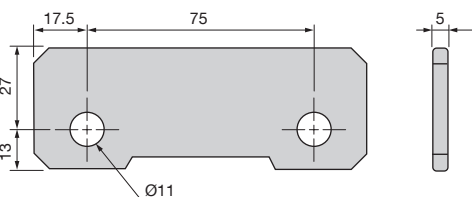
2609 0080

siroco-ul\_031\_a\_1\_x\_cat



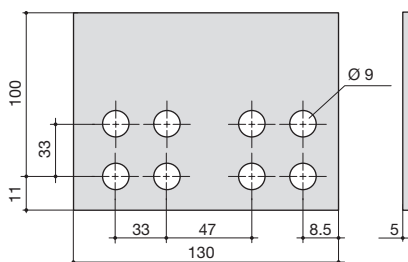
2609 0026

siroco-pv\_160\_a\_1\_x\_cat



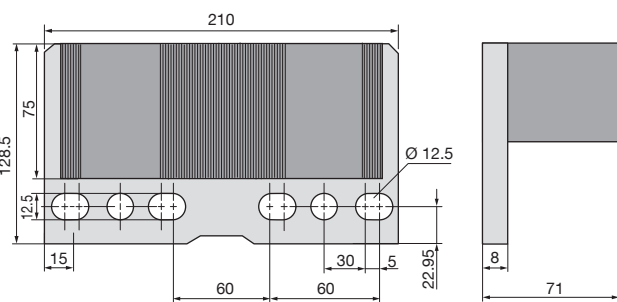
2609 1100

siroco-ul\_032\_a\_1\_x\_cat



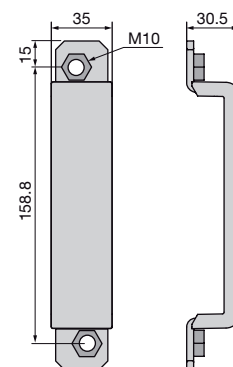
2609 1200

siroco-ul\_034\_a\_1\_x\_cat



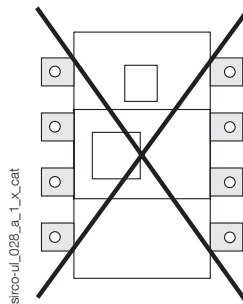
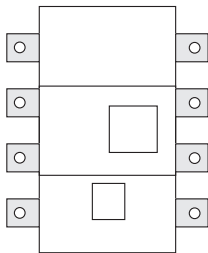
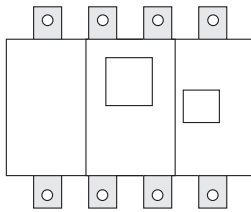
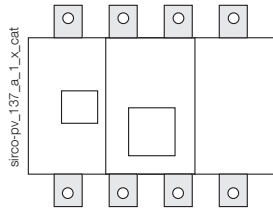
2609 0041

siroco-pv\_181\_a\_1\_x\_cat

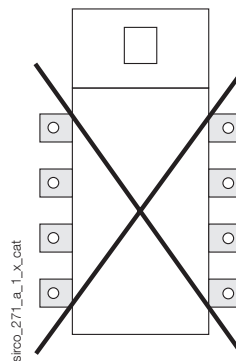
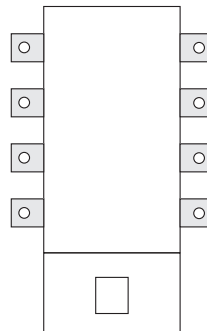
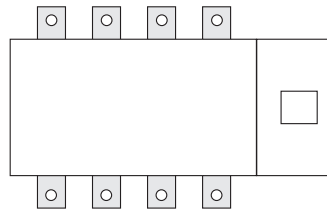
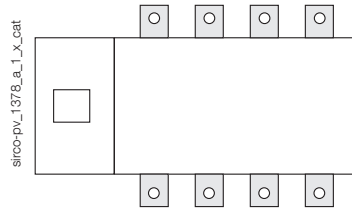


## Mounting orientation

### B4 to B8



### B4<sub>DS</sub> - B5<sub>DS</sub>



### B6<sub>DS</sub> - B7<sub>DS</sub>

