



### 2-pole, 63A Modular Switch High Range

#### Technical Features

##### Architecture

|                 |    |
|-----------------|----|
| Number of poles | 2  |
| Type of pole    | 2P |

##### Electric current

|                                                                                 |         |
|---------------------------------------------------------------------------------|---------|
| Rated current                                                                   | 63 A    |
| Breaking capacity 400 V AC23A                                                   | 1069 A  |
| Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3 | 1.06 kA |
| Rated short-time withstand current Icw 1s IEC 60947                             | 0.94 kA |

##### Installation, mounting

|                           |                |
|---------------------------|----------------|
| Nominal tightening torque | 2.80 - 2.80 Nm |
|---------------------------|----------------|

##### Voltage

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 415 - 415 V |
|------------------------------|-------------|

##### Installation, mounting

|                                               |                |
|-----------------------------------------------|----------------|
| Type of bottom connection for modular devices | Screw terminal |
|-----------------------------------------------|----------------|

##### Voltage

|                                      |        |
|--------------------------------------|--------|
| Rated impulse withstand voltage Uimp | 6000 V |
|--------------------------------------|--------|

##### Capacity

|                   |   |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

##### Safety

|                               |      |
|-------------------------------|------|
| Ingress Protection (IP) class | IP20 |
|-------------------------------|------|

##### Frequency

|           |            |
|-----------|------------|
| Frequency | 50 - 60 Hz |
|-----------|------------|

##### Use conditions

|                               |             |
|-------------------------------|-------------|
| Operating temperature         | -20 - 50 °C |
| Storage/transport temperature | -40 - 80 °C |

##### Connection

|                                  |                          |
|----------------------------------|--------------------------|
| Cross-section flexible conductor | 2.5 - 16 mm <sup>2</sup> |
| Cross-section rigid conductor    | 2.5 - 25 mm <sup>2</sup> |

##### Endurance

|                                                                   |       |
|-------------------------------------------------------------------|-------|
| Number of mechanical operations                                   | 60000 |
| Electrical durability at nominal load in AC21 in operating cycles | 5000  |
| Electrical durability at nominal load in AC22 in operating cycles | 5000  |

##### Power

|                                       |        |
|---------------------------------------|--------|
| Total power loss under I <sub>N</sub> | 9.50 W |
| Power loss per pole at I <sub>N</sub> | 4.80 W |

##### Connectivity

|                                               |                  |
|-----------------------------------------------|------------------|
| Down connection alignment for modular devices | Aligned terminal |
| Top connection alignment for modular devices  | Aligned terminal |

##### Sustainability

|                 |     |
|-----------------|-----|
| REACH-SVHC free | Yes |
| RoHS conform    | Yes |