

## EME5

### Main and emergency on/off switches

EME5 are surface mountable rotary isolator switches intended for commercial / industrial applications. The switchgear is housed in a moulded enclosure with an IP65 sealing. The EME5 series includes variants providing additional contacts (NO and NC type).

#### Key features

- 90° switching angle
- Product variants featuring NO and NC auxiliary contacts
- Easy cable connection via M20/25 knockouts
- Forced open contacts
- Fulfils load break requirements up to 690 VAC
- Terminal screws in open position
- Padlockable in off-position



#### Article codes

| Article code | Switching diagram | Operational current AC21A* | Operational power 400 VAC/AC3* | Poles | NO contact | NC contact |
|--------------|-------------------|----------------------------|--------------------------------|-------|------------|------------|
| EME5-20-2100 | 61192             | 20 A                       | 2,2 kW                         | 2     | -          | -          |
| EME5-20-4100 | 61194             | 20 A                       | 3,7 kW                         | 4     | -          | -          |
| EME5-20-2111 | 41211             | 20 A                       | 3 kW                           | 2     | 1          | 1          |
| EME5-20-4111 | 41411             | 20 A                       | 5,5 kW                         | 4     | 1          | 1          |
| EME5-40-4111 | 41411             | 40 A                       | 15 kW                          | 4     | 1          | 1          |
| EME5-63-4111 | 41411             | 63 A                       | 30 kW                          | 4     | 1          | 1          |

#### \*Application categories:

- **AC21A** Switching resistive loads including low overloads
- **AC3** Squirrel-cage motors: starting, switching off, running motors

#### Technical specifications

|                     |                              |                                                             |
|---------------------|------------------------------|-------------------------------------------------------------|
| Protection standard | IP65 (according to EN 60529) |                                                             |
| Ambient conditions  | Temperature                  | 25—40 °C                                                    |
|                     | Rel. humidity                | ≤50% rH (at +40 °C)<br>≤90% rH (at +20 °C) (non-condensing) |

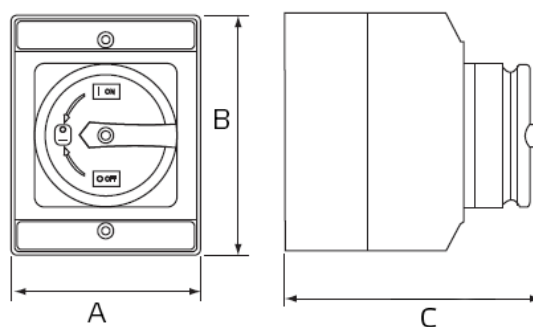
#### Area of use

- Security switches for fans and HVAC equipment (e.g. roof fans, box fans, air handling units etc.)
- Suitable for use as on/off or maintenance switches

#### Standards



#### Fixing and dimensions



| Article code | A [mm] | B [mm] | C [mm] |
|--------------|--------|--------|--------|
| EME5-20-2100 | 100    | 125    | 120    |
| EME5-20-4100 | 100    | 125    | 120    |
| EME5-20-2111 | 100    | 125    | 120    |
| EME5-20-4111 | 100    | 125    | 120    |
| EME5-40-4111 | 114    | 175    | 135    |
| EME5-63-4111 | 114    | 175    | 135    |

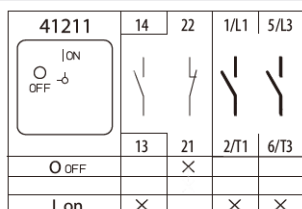
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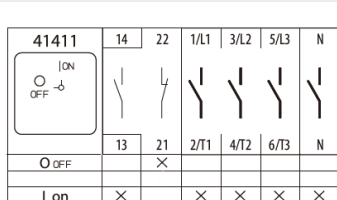


### Switch schemes

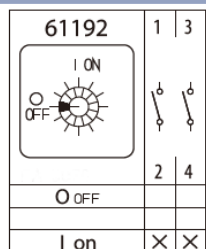
Switching diagram 41211



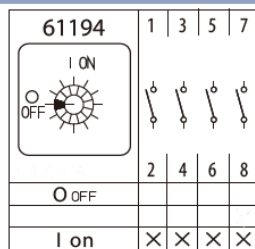
Switching diagram 41411



Switching diagram 61192



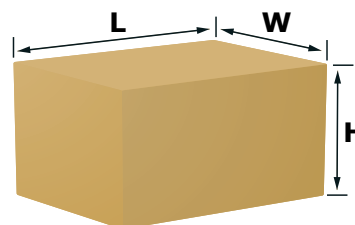
Switching diagram 61194



### Switching diagram 41411



### Packaging



| Article      | Packaging        | Length [mm] | Width [mm] | Height [mm] | Net weight | Gross weight |
|--------------|------------------|-------------|------------|-------------|------------|--------------|
| EME5-20-2100 | Unit (1 pc.)     | 130         | 105        | 125         | 0,43 kg    | 0,48 kg      |
|              | Carton (20 pcs.) | 550         | 271        | 271         | 11 kg      | 12 kg        |
| EME5-20-4100 | Unit (1 pc.)     | 130         | 105        | 125         | 0,43 kg    | 0,48 kg      |
|              | Carton (20 pcs.) | 550         | 271        | 271         | 11 kg      | 12 kg        |
| EME5-20-2111 | Unit (1 pc.)     | 130         | 105        | 125         | 0,43 kg    | 0,48 kg      |
|              | Carton (20 pcs.) | 550         | 271        | 271         | 11 kg      | 12 kg        |
| EME5-20-4111 | Unit (1 pc.)     | 130         | 105        | 125         | 0,43 kg    | 0,48 kg      |
|              | Carton (20 pcs.) | 550         | 271        | 271         | 11 kg      | 12 kg        |
| EME5-40-4111 | Unit (1 pc.)     | 180         | 120        | 135         | 0,73 kg    | 0,8 kg       |
|              | Carton (20 pcs.) | 621         | 371        | 300         | 17,2 kg    | 18 kg        |
| EME5-63-4111 | Unit (1 pc.)     | 180         | 120        | 135         | 0,73 kg    | 0,8 kg       |
|              | Carton (20 pcs.) | 621         | 371        | 300         | 17,2 kg    | 18 kg        |