



EME

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 product versions providing additional contacts (NO and NC type).

Key features

- 90° switching angle
- Product versions 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 | Reference code |
|--------------|-------------------|----------------------------|--------------------------------|-------|------------|------------|----------------|
| EME5-20-2100 | 61192 | 20 A | 2,2 kW | 2 | - | - | UKPN0-3P20A |
| EME5-20-4100 | 61194 | 20 A | 3,7 kW | 4 | - | - | UKPN0-4P20A |
| EME5-20-2111 | 41211 | 20 A | 3 kW | 2 | 1 | 1 | UKPN1-3P20A/11 |
| EME5-20-4111 | 41411 | 20 A | 5,5 kW | 4 | 1 | 1 | UKPN1-4P20A/11 |
| EME5-40-4111 | 41411 | 40 A | 15 kW | 4 | 1 | 1 | UKPN3-4P40A/11 |
| EME5-63-4111 | 41411 | 63 A | 30 kW | 4 | 1 | 1 | UKPN3-4P63A/11 |

***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) ≤90% rH (at +20 °C) (non-condensing) |

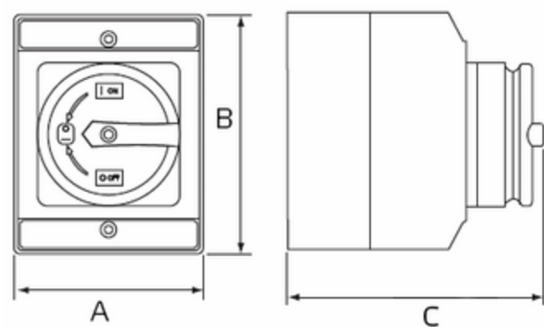
Area of use

- 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 |



EME

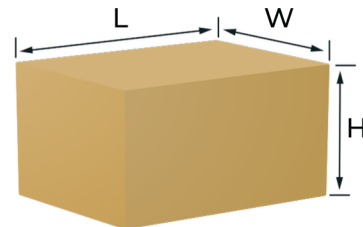
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Switch schemes

| Switching diagram 41211 | | | | | Switching diagram 41411 | | | | | | | |
|-------------------------|----|----|------|------|-------------------------|----|----|------|------|------|---|--|
| 41211 | 14 | 22 | 1/L1 | 5/L3 | 41411 | 14 | 22 | 1/L1 | 3/L2 | 5/L3 | N | |
| | 13 | 21 | 2/T1 | 6/T3 | | 13 | 21 | 2/T1 | 4/T2 | 6/T3 | N | |
| O OFF | | X | | | O OFF | | X | | | | | |
| I on | X | | X | X | I on | X | | X | X | X | X | |

| Switching diagram 61192 | | | Switching diagram 61194 | | | | | | |
|-------------------------|---|---|-------------------------|---|---|---|---|--|--|
| 61192 | 1 | 3 | 61194 | 1 | 3 | 5 | 7 | | |
| | 2 | 4 | | 2 | 4 | 6 | 8 | | |
| O OFF | | | O OFF | | | | | | |
| I on | X | X | I on | X | X | X | X | | |

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 |

Switching diagram 41411



Global trade item numbers (GTIN)

| Article | Unit |
|--------------|----------------|
| EME5-20-2100 | 05401003002278 |
| EME5-20-4100 | 05401003002292 |
| EME5-20-2111 | 05401003002285 |
| EME5-20-4111 | 05401003002308 |
| EME5-40-4111 | 05401003002315 |
| EME5-63-4111 | 05401003002322 |