

Product datasheet

Specifications



45A 250V Double Pole Switch with Neon

KB31DR45N

Main

| | |
|-------------------------------|--------------------------------|
| Range | Vivace |
| Product or component type | Switch |
| Device short name | KB31 |
| Device application | Control switch |
| Additional switch application | On/off switching |
| Number of rocker | 1 |
| Switch function | Double 1-way |
| Colour tint | Surround: white Base: white |

Complementary

| | |
|--------------------------------|---|
| Technology type | Electromechanical |
| Device presentation | Complete product |
| Actuator | Rocker |
| Pilot light | Neon indicator lamp |
| Number of gangs | 1 gang |
| Colour tint | White |
| Material | Polycarbonate: grid plate Polycarbonate: surround Polycarbonate: base |
| Surface finish | Glossy |
| Surface treatment | Untreated |
| [Ue] rated operational voltage | 220...250 V |
| Type of packing | Plastic bag |
| Network type | AC |
| Quantity per set | 1 |
| Sale per indivisible quantity | 1 |
| Rated current | 45 A |
| Projecting depth | 8 mm |
| Device mounting | Flush |
| Mounting support | Wall mounted |

| | |
|------------------------------|---|
| Fixing mode | By screw M3.5 |
| Fixing center | 60.3 mm |
| Connections - terminals | Screw terminal |
| Embedding depth | 25 mm |
| Number of terminals | 6 45 A at 250 V AC, inductive 45 A at 250 V AC, resistive 250 V AC |
| Network frequency | 50/60 Hz |
| Contacts material | Brass and phosphor bronze |
| Connections - terminals | 6 screw terminals |
| Tightening torque | 0.4 N.m |
| Clamping connection capacity | 16 mm ² for rigid or stranded cable(s) |
| Wire stripping length | 12 mm |
| Width | 86 mm |
| Height | 86 mm |
| Depth | 37 mm |

Environment

| | |
|---------------------------------------|--------------------------|
| Standards | MS IEC 60669-1 SS 227 |
| Ambient air temperature for operation | -5...40 °C |
| Relative humidity | 0...95 % |
| Operating altitude | 0...2000 m |
| Environmental characteristic | Indoor use |
| IP degree of protection | IP20 |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 0.37 cm |
| Package 1 Width | 0.87 cm |
| Package 1 Length | 0.87 cm |
| Package 1 Weight | 144.825 g |

Offer Sustainability

| | |
|--------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |

RoHS exemption information [Yes](#)

Environmental Disclosure [Product Environmental Profile](#)

Contractual warranty

Warranty 18 months

Recommended replacement(s)