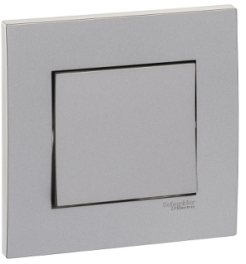
# Product datasheet

Specifications

Green Premium™



## Switch, Vivace, 16AX, 250V, 2 way, 1 gang, aluminium silver

KB31_AS

## 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** | 2-way |
| **Colour Tint** | Aluminium silver |

## Complementary

| | |
|---|---|
| **Technology Type** | Electromechanical |
| **Device Presentation** | Complete product |
| **Actuator** | Rocker |
| **Number Of Gangs** | 1 gang |
| **Colour Tint** | Aluminium silver |
| **Material** | Polycarbonate: grid plate<br>Polycarbonate: surround<br>Polycarbonate: base |
| **Surface Finish** | Matt |
| **Surface Treatment** | Painted |
| **[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** | 16 AX |
| **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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Embedding Depth** | 25 mm |
| **Number Of Terminals** | 3 |
| **Rated Current** | 16 AX at 250 V AC, inductive<br>16 AX at 250 V AC, fluorescent<br>16 A at 250 V AC, resistive |
| **[Ue] Rated Operational Voltage** | 250 V AC |
| **Network Frequency** | 50/60 Hz |
| **Contacts Material** | Brass and phosphor bronze |
| **Connections - Terminals** | 3 screw terminals |
| **Terminal Identifier** | L2<br>L1<br>COM |
| **Tightening Torque** | 0.4 N.m |
| **Clamping Connection Capacity** | <= 2.5 mm² for rigid or stranded cable(s) |
| **Wire Stripping Length** | 12 mm |
| **Width** | 86 mm |
| **Height** | 86 mm |
| **Depth** | 37 mm |

## Environment

| | |
|---|---|
| **Standards** | IEC 60669-1<br>SS 227<br>MS IEC 60669-1 |
| **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** | 3.8 cm |
| **Package 1 Width** | 8.6 cm |
| **Package 1 Length** | 8.6 cm |
| **Package 1 Weight** | 63 g |
| **Unit Type Of Package 2** | BB1 |
| **Number Of Units In Package 2** | 8 |
| **Package 2 Height** | 9.5 cm |
| **Package 2 Width** | 15 cm |
| **Package 2 Length** | 19 cm |
| **Package 2 Weight** | 576 g |
| **Unit Type Of Package 3** | CAR |
| **Number Of Units In Package 3** | 80 |

| | |
|---|---|
| **Package 3 Height** | 21 cm |
| **Package 3 Width** | 31.5 cm |
| **Package 3 Length** | 50 cm |
| **Package 3 Weight** | 5370 g |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

## Well-being performance

Mercury Free

Rohs Exemption Information Yes

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | No need of specific recycling operations |