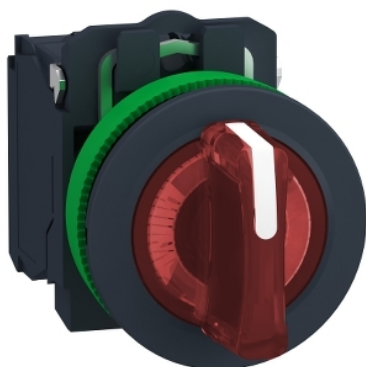


# XB5FK134M5

Harmony XB5, Illuminated selector switch flush mounted, plastic, red, Ø30, 3 positions, stay put, 230...240 V AC, 1 NO + 1 NC



## Main

|                               |                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product              | Harmony XB5                                                                                                                                                            |
| Product or Component Type     | Illuminated selector switch                                                                                                                                            |
| Device short name             | XB5F                                                                                                                                                                   |
| Bezel material                | Dark grey plastic                                                                                                                                                      |
| Head type                     | Built-in-flush                                                                                                                                                         |
| Mounting diameter             | 1.20 in (30.5 mm)                                                                                                                                                      |
| Sale per indivisible quantity | 1                                                                                                                                                                      |
| Shape of signaling unit head  | Round                                                                                                                                                                  |
| Type of operator              | Stay put                                                                                                                                                               |
| Operator profile              | Red standard handle, unmarked                                                                                                                                          |
| Operator position information | 3 positions +/- 45°                                                                                                                                                    |
| Contacts type and composition | 1 NO + 1 NC                                                                                                                                                            |
| Contact operation             | Slow-break                                                                                                                                                             |
| Connections - terminals       | Screw clamp terminals, <= 2 x 1.5 mm <sup>2</sup> with cable end EN/IEC 60947-1<br>Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end EN/IEC 60947-1 |
| Bulb base                     | Integral LED                                                                                                                                                           |
| [Us] rated supply voltage     | 230...240 V AC 50/60 Hz                                                                                                                                                |

## Complementary

|                                             |                                                                                           |
|---------------------------------------------|-------------------------------------------------------------------------------------------|
| Height                                      | 1.65 in (42 mm)                                                                           |
| Width                                       | 1.44 in (36.6 mm)                                                                         |
| Depth                                       | 2.80 in (71 mm)                                                                           |
| Terminals description ISO n°1               | (21-22)NC<br>(13-14)NO                                                                    |
| Resistance to high pressure washer          | 1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m                                             |
| Contacts usage                              | Standard contacts                                                                         |
| Positive opening                            | With NC contact EN/IEC 60947-5-1 appendix K                                               |
| Mechanical durability                       | 1000000 cycles                                                                            |
| Tightening torque                           | 7.08...10.62 lbf.in (0.8...1.2 N.m) EN 60947-1                                            |
| Shape of screw head                         | Cross Philips no 1<br>Cross pozidriv No 1<br>Slotted flat Ø 4 mm<br>Slotted flat Ø 5.5 mm |
| Contacts material                           | Silver alloy (Ag/Ni)                                                                      |
| Short-circuit protection                    | 10 A cartridge fuse gG EN/IEC 60947-5-1                                                   |
| [Ith] conventional free air thermal current | 10 A EN/IEC 60947-5-1                                                                     |
| [Ui] rated insulation voltage               | 600 V 3)EN 60947-1                                                                        |
| [Uimp] rated impulse withstand voltage      | 6 kV EN 60947-1                                                                           |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ie] rated operational current | 3 A 240 V, AC-15, A600 EN/IEC 60947-5-1<br>6 A 120 V, AC-15, A600 EN/IEC 60947-5-1<br>0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1<br>0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1<br>1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1                                                                                                                                  |
| Electrical durability          | 1000000 Cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 Cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C<br>1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C |
| Electrical reliability         | $\Lambda < 10\exp(-6)$ 5 V 1 mA in clean environment EN/IEC 60947-5-4<br>$\Lambda < 10\exp(-8)$ 17 V 5 mA in clean environment EN/IEC 60947-5-4                                                                                                                                                                                                                                                           |
| Light source                   | Protected LED                                                                                                                                                                                                                                                                                                                                                                                             |
| Supply voltage limits          | 195...264 V AC                                                                                                                                                                                                                                                                                                                                                                                            |
| Device presentation            | Complete product                                                                                                                                                                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Protective treatment                  | TH                                                                                                                  |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)                                                                                          |
| Ambient air temperature for operation | -40...158 °F (-40...70 °C)                                                                                          |
| Electrical shock protection class     | Class II IEC 60536                                                                                                  |
| IP degree of protection               | IP66 IEC 60529<br>IP67<br>IP69<br>IP69K                                                                             |
| NEMA degree of protection             | NEMA 13<br>NEMA 4X                                                                                                  |
| IK degree of protection               | IK03 IEC 50102                                                                                                      |
| Standards                             | EN/IEC 60947-1<br>UL 508<br>JIS C8201-5-1<br>EN/IEC 60947-5-4<br>EN/IEC 60947-5-1<br>CSA C22.2 No 14<br>JIS C8201-1 |
| Product Certifications                | UL Listed<br>CSA                                                                                                    |
| Vibration resistance                  | 5 gn 2...500 Hz)IEC 60068-2-6                                                                                       |
| Shock resistance                      | 30 gn 18 ms) half sine wave acceleration IEC 60068-2-27<br>50 gn 11 ms) half sine wave acceleration IEC 60068-2-27  |

## Ordering and shipping details

|                       |                                       |
|-----------------------|---------------------------------------|
| Category              | 22467 - PUSHBUTTONS,22MM(PLASTIC) NEW |
| Discount Schedule     | CS2                                   |
| GTIN                  | 3606481360809                         |
| Nbr. of units in pkg. | 1                                     |
| Package weight(Lbs)   | 2.01 oz (57 g)                        |
| Returnability         | Yes                                   |

## Packing Units

|                        |                  |
|------------------------|------------------|
| Unit Type of Package 1 | PCE              |
| Package 1 Height       | 1.69 in (4.3 cm) |
| Package 1 width        | 2.09 in (5.3 cm) |
| Package 1 Length       | 3.39 in (8.6 cm) |

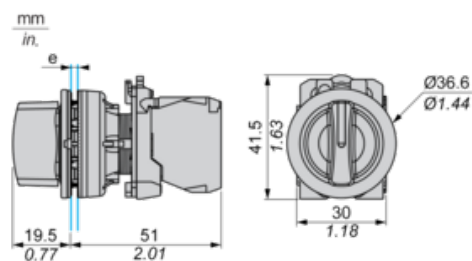
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## Contractual warranty

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

## Dimensions



e: Clamping thickness: 1 to 6 mm / 0.04 to 0.24 in.

## Panel Cut-out for Pushbuttons, Switches and Pilot Lights (Finished Holes, Ready for Installation)

### Connection by Screw Clamp Terminals or Plug-in Connectors



(1) Diameter on finished panel or support

(2) Ø30.75 mm recommended ( $\text{Ø}30.5 \text{ }_0^{+0.5}$ ) / Ø1.21 in. recommended ( $\text{Ø}1.20 \text{ in. }_0^{+0.0196}$ )

| Connections                                   | a in mm | a in in. | b in mm | b in in. |
|-----------------------------------------------|---------|----------|---------|----------|
| By screw clamp terminals or plug-in connector | 40      | 1.57     | 40      | 1.57     |
| By Faston connectors                          | 45      | 1.77     | 40      | 1.57     |

---

Electrical Composition Corresponding to Code M3

---



---

Electrical Composition Corresponding to Code M4

---



---

Electrical Composition Corresponding to Codes M6 and P2

---



---

Electrical Composition Corresponding to Codes M5, M10, MF1, MR1 and MF2

---



---

Legend

---

Single contact

Double contact

Light block

Possible location



## Sequence of Contacts Fitted to 2-position Selector Switch Body

### Position 315°



|          |                                                                                     |                                                                                     |                                                                                   |                                                                                      |                                                                                     |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Push     | Position                                                                            | Top                                                                                 |  |  |  |
| Bottom   |  |  |                                                                                   |                                                                                      |                                                                                     |
| Location |                                                                                     | Left                                                                                | Right                                                                             |                                                                                      |                                                                                     |
| State    |                                                                                     | 0                                                                                   | 0                                                                                 |                                                                                      |                                                                                     |
| Contacts | N/O                                                                                 |                                                                                     | open                                                                              | open                                                                                 |                                                                                     |
| N/C      |                                                                                     | closed                                                                              | closed                                                                            |                                                                                      |                                                                                     |

### Position 45°



|          |                                                                                     |                                                                                     |        |                                                                                       |  |
|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|--|
| Push     | Position                                                                            | Top                                                                                 |        |  |  |
| Bottom   |  |  |        |                                                                                       |  |
| Location |                                                                                     | Left                                                                                | Right  |                                                                                       |  |
| State    |                                                                                     | 1                                                                                   | 1      |                                                                                       |  |
| Contacts | N/O                                                                                 |                                                                                     | closed | closed                                                                                |  |
| N/C      |                                                                                     | open                                                                                | open   |                                                                                       |  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XB5FK134M5](#)