## Product datasheet <br> Characteristics

ZB4FK1533 (43 058 63)
flush mounted green illum selector switch head 3position return center

Main

| Range of product | Harmony XB4 |
| :--- | :--- |
| Product or component type | Head for illuminated selector switch |
| Product compatibility | Integral LED |
| Device short name | ZB4F |
| Bezel material | Chromium plated metal |
| Head type | Built-in-flush |
| Mounting diameter | 30.5 mm |
| Sale per indivisible quantity | 1 |
| Shape of signaling unit head | Round |
| Type of operator | Spring return to centre |
| Operator profile | Green standard handle |
| Operator position information | 3 positions +/-45 ${ }^{\circ}$ |

Complementary

| CAD overall width | 36.6 mm |
| :--- | :--- |
| CAD overall height | 36.6 mm |
| CAD overall depth | 47 mm |
| Product weight | 0.078 kg |
| Resistance to high pressure washer | 7000000 Pa at $55^{\circ} \mathrm{C}$, distance: 0.1 m |
| Mechanical durability | 500000 cycles |
| Electrical composition code | M 6 for 2 contacts using single blocks in front mounting with integral LED and |
|  | transformer |
|  | M 10 for 2 contacts using single blocks in front mounting with integral LED |
|  | M 3 for 4 contacts using single blocks in front mounting with integral LED |
|  | M 4 for 4 contacts using single and double blocks in front mounting with integral LED |

Environment

| protective treatment | TH |
| :---: | :---: |
| ambient air temperature for storage | $-40 . . .70^{\circ} \mathrm{C}$ |
| ambient air temperature for operation | $-40 . . .70^{\circ} \mathrm{C}$ |
| overvoltage category | Class I conforming to IEC 60536 |
| IP degree of protection | IP67 <br> IP66 conforming to IEC 60529 <br> IP69K <br> IP69 |
| NEMA degree of protection | NEMA 13 NEMA 4X |
| IK degree of protection | IK06 conforming to IEC 50102 |
| standards | EN/IEC 60947-1 <br> EN/IEC 60947-5-1 <br> EN/IEC 60947-5-4 <br> JIS C 4520 <br> UL 508 <br> CSA C22.2 No 14 |
| product certifications | CSA <br> UL listed |
| vibration resistance | $5 \mathrm{gn}(\mathrm{f}=2 \ldots 500 \mathrm{~Hz})$ conforming to IEC 60068-2-6 |
| shock resistance | ```30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2- 27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-``` |

Offer Sustainability

| Sustainable offer status | Green Premium product |
| :--- | :--- |
| RoHS (date code: YYWW) | Compliant - since 1804-Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |

Contractual warranty
Warranty period 18 months

## Dimensions


e : clamping thickness: 1 to $6 \mathrm{~mm} / 0.04$ to 0.24 in.
(1) : Additional row of contacts

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) : $\varnothing 30.75 \mathrm{~mm}$ recommended $\left(\varnothing 30.5_{0}^{+0.5}\right) / \varnothing 1.21 \mathrm{in}$. recommended ( $\left.\varnothing 1.20 \mathrm{in} ._{0}^{+0.0196}\right)$

| Connections | a in $\mathbf{~ m m}$ | $\mathbf{a}$ in in. | b in mm | b in in. |
| :--- | :--- | :--- | :--- | :--- |
| By connectors | 50 | 1.97 | 40 | 1.57 |
| By connectors and with legend holder ZBZF32 | 50 | 1.97 | 40 | 1.57 |
| By connectors and with legend holder ZBZF33 | 60 | 2.36 | 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 3-position Selector Switch Body

## Position $315^{\circ}$

$315^{\circ}$

| Push | Position | Top |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Bottom | $\square$ |  | $\triangle$ |
|  | Location |  | Left |  | Right |
|  | State |  | 1 |  | 0 |
| Contacts | N/O |  | closed |  | open |
|  | N/C |  | open |  | closed |

Position $0^{\circ}$


Position $45^{\circ}$
$\overbrace{}^{45^{\circ}}$

| Push | Position | Top | $\square$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Bottom | $\triangle$ |  | $\square$ |
|  | Location |  | Left |  | Right |
|  | State |  | 0 |  | 1 |
| Contacts | N/O |  | open |  | closed |
|  | N/C |  | closed |  | open |

