

## BODY COMPLETE WITH CONTACT BLOCK, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY. CONTACTS 1NO+1NC SLOW ACTION SNAP ACTION



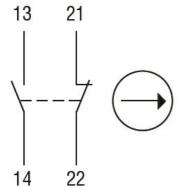
| Material Abaracteristics         Polymer thermoplastic thermoplastic contact characteristics           Type of contact         INC+INC Sap action           Thermal current Ith         A         10           IEC/EN 60947-5-1 designation         A 600 Q 3000         Rated insulation voltage Ui         V 690           Rated impulse withstand voltage Uimp         kV         6           Insulation class         II         10 gG/SC QUICK FUSE           EC Conventional free air thermal current Ith         A         10           Resistance per pole (average value)         mQ         <10           Conductivity         InmA 5V           Mechanical features         Locking bayonet insert           Operating head fixing         Inma 5         Locking bayonet insert           Tightening torque (Max)         Nm         2.5           End         Inma 5         1           End         Nm         0.8           Ibin         7         2.1           Contact terminals         Nm         0.8           Body lid screw fixing         Nm         0.8           Ibin         7         7           Conductor section         Nm         0.8           EC         Image: Con  | Product type designation                      |         |         | KXCB          |
|--|---|---------|---------|---------------|
| Polymer proposed p  | General characteristics                       |         |         |               |
| Type of contact   Themal current lith   Type of contact   Type of cont | Material                                      |         |         |               |
| Contact characteristics           Type of contact         1NO+1NC Snap action action           Thermal current Ith         A 10           IEC/EN 60947-5-1 designation         V 690           Rated insulation voltage Ui         V 690           Rated insulation class         II           Insulation class         II           IShort-circuit protection with fuse         Class/A QUICK FUSE           IEC Conventional free air thermal current Ith         A 10           Resistance per pole (average value)         mΩ         <10  |   | Housing |         |               |
| Type of contact   Substitution     | Contact characteristics                       |         |         | tnermoplastic |
| Special contact   Special c  | Contact characteristics                       |         |         | 1NO L1NC Span |
| Thermal current lith   | Type of contact                               |         |         | -             |
| EC/EN 60947-5-1 designation   X   600 Q300   Rated insulation voltage Uim   X   690   Rated insulation voltage Uimp   kV   6   Insulation class   II   10 gG/SC   Class/A   00 gG/SC   QUICK FUSE   EC Conventional free air thermal current Ith   A   10   Resistance per pole (average value)   mΩ   <10   Conductivity   10mA 5V   Mechanical features    | Thermal current Ith                           |         | Α       |               |
| Rated insulation voltage Uin         V         690           Rated impulse withstand voltage Uimp         kV         6           Insulation class         II           Short-circuit protection with fuse         Class/A         10 gG/SC QUICK FUSE           IEC Conventional free air thermal current Ith         A         10           Resistance per pole (average value)         mΩ         < 10   |   |         |         |               |
| Rated impulse withstand voltage Uimp   |   |         | V       |               |
| Short-circuit protection with fuse   Class/A   10 gG/SC QUICK FUSE     IEC Conventional free air thermal current lth   |   |         | kV      | 6             |
| EC Conventional free air thermal current lth   |   |         |         | II            |
| Resistance per pole (average value)         mΩ         <10           Conductivity         10mA 5V           Mechanical features           Departing head fixing         Locking bayonet insert           Tightening torque (Max)           Switch fixing         Nm         2.5           Locking bayonet insert         by more properties         2.5           Ibin         2.5         2.1           Contact terminals         Nm         0.8           Ibin         7         7           Conductor section           AWG/Kcmil         min         16           IEC         min         mm²         1 or 2           max         14         1           Cable connection         Self-releasing screw terminal           Cable entry         M20 on the bottom           Operations         Mechanical life         cycles         >10000000   | Short-circuit protection with fuse            |         | Class/A |               |
| Conductivity   | IEC Conventional free air thermal current Ith |         | Α       | 10            |
| Mechanical features           Operating head fixing         Locking bayonet insert           Tightening torque (Max)           Switch fixing           Nm         2.5           Ibin         2.2.1           Contact terminals         Nm         0.8           Ibin         7           Body lid screw fixing         Nm         0.8           Ibin         7           Conductor section         min         m         16           max         14           IEC           Cable connection         min         mm²         1 for 2           Cable connection         Self-releasing screw terminal           Cable entry         M20 on the bottom           Operations           Mechanical life         cycles         >10000000   | Resistance per pole (average value)           |         | mΩ      | <10           |
| Cocking bayonet insert   Cocking bayonet insert  | Conductivity                                  |         |         | 10mA 5V       |
| Switch fixing   Switch fixin | Mechanical features                           |         |         |               |
| Switch fixing  | Operating head fixing                         |         |         |               |
| Nm   2.5   | Tightening torque (Max)                       |         |         |               |
| Contact terminals  | Switch fixing                                 |         |         |               |
| Contact terminals  |   |         | Nm      | 2.5           |
| Nm   0.8   |   |         | lbin    | 22.1          |
| Body lid screw fixing  | Contact terminals                             |         |         |               |
| Body lid screw fixing  |   |         | Nm      |               |
| Nm   0.8   |   |         | lbin    | 7             |
| AWG/Kcmil  | Body lid screw fixing                         |         |         |               |
| Conductor section           AWG/Kcmil           min max         16 max           14           IEC         min mm² mm² mm² 2.5           Cable connection         Self-releasing screw terminal           Cable entry         M20 on the bottom           Operations         M20 on the bottom           Mechanical life         cycles         >10000000           Ambient conditions  |   |         |         |               |
| AWG/Kcmil  | O I   |         | Ibin    |               |
| Min max  |   |         |         |               |
| Max  | AVVG/KCMII                                    | min     |         | 16            |
| TEC  min mm² 1 or 2 max mm² 2.5  Cable connection  Cable entry  Cable entry  M20 on the bottom  Operations  Mechanical life  cycles >10000000  Ambient conditions  |   |         |         |               |
| min mm² mm² max1 or 2 maxCable connectionSelf-releasing screw terminalCable entryM20 on the bottomOperationsVolumeMechanical lifecycles>10000000Ambient conditions   | IEC   | IIIax   |         | 14            |
| Cable connectionMaxmm²2.5Cable entrySelf-releasing screw terminalCable entryM20 on the bottomOperationsCycles>10000000Ambient conditionsAmbient conditions   |   | min     | mm²     | 1or 2         |
| Cable connection       Self-releasing screw terminal         Cable entry       M20 on the bottom         Operations       Cycles >10000000         Ambient conditions       Ambient conditions   |   |         |         |               |
| Cable entry  Cable entry  Operations  Mechanical life  Cycles >10000000  Ambient conditions  |   | max     |         |               |
| Operations  Mechanical life cycles >10000000  Ambient conditions   | Cable connection                              |         |         | _             |
| Operationscycles>10000000Ambient conditionsAmbient conditions  | Cable entry                                   |         |         |               |
| Ambient conditions   | Operations                                    |         |         |               |
| Ambient conditions   | ·   |         | cycles  | >10000000     |
| Temperature  | Ambient conditions                            |         |         |               |
|  | Temperature                                   |         |         |               |



## BODY COMPLETE WITH CONTACT BLOCK, 1 BOTTOM CABLE ENTRY. DIMENSIONS TO EN 50047, PLASTIC BODY. CONTACTS 1NO+1NC SLOW ACTION SNAP ACTION

| Operating temperature   |              |    |      |
|-------------------------|--------------|----|------|
|                         | min          | °C | -25  |
|                         | max          | °C | +70  |
| Storage temperature     |              |    |      |
|                         | min          | °C | -40  |
|                         | max          | °C | +70  |
| Resistance & Protection |              |    |      |
| IP degree               |              |    |      |
|                         | Terminals    |    | IP20 |
|                         | Body housing |    | IP65 |
| Pollution degree        |              |    | 3    |
| Wiring diagrams         |              |    |      |

## Snap action



## 1NO + 1NC

| Certifications and | compliance       |
|--------------------|------------------|
| Compliance         |                  |
|                    | CSA C22.2 n° 14  |
|                    | EN 50047         |
|                    | IEC/EN 60204-1   |
|                    | IEC/EN 60947-1   |
|                    | IEC/EN 60947-5-1 |
|                    | UL508            |
| Certificates       |                  |
|                    | cULus            |
|                    | FAC              |

ETIM classification

**ETIM 8.0** 

EC002498 -Accessories/spare parts for lowvoltage switch technology