## GX20136U47



ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

| Product designation Switchins<br>Product type designation GX20<br>Generate AnArgaceSintec<br>N° of elements 5<br>N° of elements 5<br>Mounting form U127-Snap on from nounting<br>Mounting form U127-Snap on from nounting<br>Contact characteristics<br>Rated insulation voltage U1<br>EC/EN V 690<br>UL/CSA V 660<br>Conventional free air thermal current Ith EC/EN A 20<br>UL/CSA A 15<br>Rated operational inpulse voltage<br>X 440<br>Maximum fuse size for short-circuit protection In (gG)<br>Conductivity 10<br>Conductivity |  |                                  |           |       | Rotary cam    |  |
|--|--|----------------------------------|-----------|-------|---------------|--|
| General Pharacteristics     136 - Multi-step<br>0-1-2-3 3 poles       N° of elements     5       N° of elements     5       Mounting form     U47 - Snap on<br>from mounting<br>with black handle<br>for hole diam.<br>20mm finxing       Contact characteristics     247 - Snap on<br>from mounting<br>with black handle<br>for hole diam.<br>20mm finxing       Contact characteristics     220       Rated insulation voltage Uimp     KV       Extend operational free air thermal current Ith     IEC/EN       IEC/EN     X       Rated operational impulse voltage     KV       Rated operational impulse voltage     KV       Maximum fuse size for short-circuit protection In (gG)     10kA       A     20       15KA     20       Conductivity     10/5 mA/V       Operational current Icw     1s       Conductivity     10/5 mA/V       Operational current Ie IEC/EN     4       AC15     110V     A       AC15     110V     A       AC15     110V     A       AC15     110V     A       Single-phase AC-3     10/20/2030V     KW  <   | Product designation  |                                  |           |       |               |  |
| Switching diagram     138 - Multi-step<br>0-1-2-3 3 poles       N° of elements     5       Mounting form     U47 - Snap on<br>from mounting       Mounting form     U47 - Snap on<br>from mounting       Secondact characteristics     22mm finxing       Rated insulation voltage Ui     IEC/EN     V       Rated insulation voltage Uip     KV     6       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     KV     440     Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10KA     A     20     15KA     20       Conductivity     10KA     A     20     15KA     20     10KA     A     20       Rated short time current lcw     15     KA     20     20     20/230V     A     8     380/400V     A     8     380/400V     A     8     380/400V     A     8     380/400V     A     6     6     60/600V     A     1.5     Single-phase AC-3     10V     A     8  |  |                                  |           |       | GX20          |  |
| Switching diagram     0-1-2-3 3 poles       N° of elements     5       Mounting form     U47 - Snap on<br>troin mounting<br>with black handle<br>tor hole diam.<br>27mm finxing       Contact characteristics     27mm finxing       Rated insulation voltage Ui     IEC/EN     V     690       Rated insulation voltage Uimp     KV     6     6       Conventional free air thermal current th     IEC/EN     A     20       Rated operational inpulse voltage     KV     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       Rated short time current Icw     1     KA     20       Conductivity     10kA     A     20       Querational current I leEC/EN     KA     20       AC15     10V     A     10       20/20230V     A     8     380/400V     A       20/20230V     KW     5.5     50       Single-phase AC-3     220/230V     KW     5.5       Single-phase AC23A     10V     KW     4       380/400V     KW     5.5   | General characteristics  | <b>)</b>                         |           |       |               |  |
| N° of elements     5       Mounting form     U47 - Snap on<br>tron mounting<br>with black handle<br>with black handle<br>tor hole idam.<br>22mm finxing       Contact characteristics     Zamm finxing       Rated insulation voltage Ui     IEC/EN     V     690       Rated insulation voltage Ui     IEC/EN     V     690       Rated inpulse withstand voltage Uimp     KV     6     6       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     KV     4     400       Rated operational impulse voltage     KV     4     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15KA     A     20     15KA     A     20       Conductivity     10kFA     A     20     10KF     A     20       Conductivity     10s     KA     20  | Switching diagram  |                                  |           |       |               |  |
| Mounting form     from mounting<br>with black handle<br>for hole diam.<br>22mm finxing       Contact characteristics     22mm finxing       Rated insulation voltage Ui     IEC/EN     V     600       Rated insulation voltage Uimp     KV     6       Conventional free air thermal current th     IEC/EN     A     20       Rated operational voltage     V     440     4       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10KA     A     20       Conductivity     10/S mA/V     4     20       Conductivity     10/S mA/V     20     10KA     A     20       Conductivity     10 / S mA/V     10/S mA/V     0     220/230V     A     8     380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     100     220/230V     A     8     380/400V     A     6       Conductivity     1.5     Single-phase AC-3     110V     KW     3.7     380/440V     KW     5.5       Single-phas  | N° of elements   |                                  |           |       |               |  |
| Mounting form     with black handle<br>for hole diam.<br>22mm finxing       Contact characteristics  |  |                                  |           |       | U47 - Snap on |  |
| for hole diam. 22mm finxing       Contact characteristics       Rated insulation voltage Ui     IEC/EN     V     6 600       Rated inpulse withstand voltage Uimp     kV     6     600       Conventional free air thermal current Ith     IEC/EN     A     20       Rated operational voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     15kA     A     20       Rated short time current lcw     1s     kA     20     15kA     A     20       Conductivity     1s     kA     20     25kA     A     20       Rated operational current lcw     1s     kA     20     20/t3mA/V     0       220/230V     A     8     380/400V     A     6     660/690W     A     6       600/900V     KW     5.5     5     5     5     5     5     5     5       Conductivity     10     220/230V     KW <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>  |  |                                  |           |       |               |  |
| 22mm finxing       Contact characteristics       Rated insulation voltage Ui       IEC/EN     V     690       UL/CSA     V     600       Rated insulation voltage Uimp     KV     6       Conventional free air thermal current Ith       IEC/EN     A     20       UL/CSA     A     20       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)       Tokka     A     20       Conductivity     Tokka     A     20       Conductivity     Tokka     A     20       Conductivity     Tokka     A     Conductivity     Tokka     Conductivitiv     Tokka <th colspan<="" td=""><td>Mounting form</td><td></td><td></td><td></td><td></td></th>   | <td>Mounting form</td> <td></td> <td></td> <td></td> <td></td> | Mounting form                    |           |       |               |  |
| Contact characteristics       IEC/EN     V     690       UL/CSA     V     690       UL/CSA     V     690       Conventional impulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith       IEC/EN     A     20       UL/CSA     A     20       IEC/EN     A     20       Tokka     A     20       Tokka     A     20       IEC/EN     KA     20       Conductivity     10/5 mA/V       Operational current te IEC/EN     A     20       AC1/AC21A     A     20       AC1/AC21A     A     20 <th c<="" td=""><td></td><td></td><td></td><td></td><td></td></th>  | <td></td> <td></td> <td></td> <td></td> <td></td>              |                                  |           |       |               |  |
| IEC/EN     V     690       Rated impulse withstand voltage Uimp     KV     6       Conventional free air thermal current Ith     IEC/EN     A     20       UL/CSA     A     15       Rated operational voltage     V     440       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     15kA     A     20       Rated short time current lcw     1     10/5 mA/V     0     0       AC15     110/V     A     10     220/230/V     A     8       AC15     110/V     A     10     220/230/V     A     8       380/400V     A     6     660/690/V     A     15       Rated operational power in AC     1     10/V     5.5     5       Single-phase AC-3     10/V     5.5     5     5       Single-phase AC23A     220/230/V     KW     3.5       Three-phase AC23A     220/230/V  | Contact characteristics  |                                  |           |       | 22mm mixing   |  |
| UL/CSA     V     600       Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     KV     4     A       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       Rated short time current lcw     10kA     A     20       Conductivity     10kA     A     20       Conductivity     10/5 mA/V     0     0       Operational current lcw     4     20     20/2020/200V     A     8       AC1/AC21A     A     20     AC15     10/5 mA/V     0       Querational current le IEC/EN     A     20     A     8     380/400V     A     8       AC1/AC21A     A     20     A     10     220/230V     A     8       AC16     10/5     220/230V     A     8     380/400V     A     6       Single-phase AC-3     110/V  | Rated insulation voltag  | e Ui                             |           |       |               |  |
| Rated impulse withstand voltage Uimp     kV     6       Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     20     15kA     A     20       Rated short time current lcw     1s     kA     20     25kA     A     20       Conductivity     1s     kA     20     20/25kA     A     20       Conductivity     1s     kA     20     A     380/400V     A     6       Conductivity     A     10     220/230V     A     8     380/400V     A     6       AC1/AC21A     A     20     A     8     380/400V     A     6       Geological power in AC     Three-phase AC-3     110V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75   |  |                                  | IEC/EN    | V     | 690           |  |
| Conventional free air thermal current lth     IEC/EN     A     20       Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     20     15kA     A     20       Rated short time current lcw     1s     kA     20     25kA     A     20       Conductivity     1s     kA     250     0     0/5 mA/V     0/5 mA/V       Operational current lcW     1s     kA     20     A     8     30/400V     A     10     220/230V     A     8     380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     110V     KW     3.7     380/440V     KW     5.5     500/690V     kW     3.5       Single-phase AC-3     110V     KW     0.75     220/230V     KW     4     380/440V     4     380/440V     4     380/440V     4 <td< td=""><td></td><td></td><td>UL/CSA</td><td></td><td>600</td></td<>   |  |                                  | UL/CSA    |       | 600           |  |
| IEC/EN     A     20       Rated operational voltage     V     440       Rated operational impulse voltage     KV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     25kA     A     20       Rated short time current lcw     1s     kA     20     25kA     A     20       Conductivity     1s     kA     250     10/5 mA/V     0/5 mA/V       Operational current le IEC/EN     10/5 mA/V     20/230V     A     8       AC15     110V     A     10     220/230V     A     8       AC15     110V     A     10     220/230V     A     8       Rated operational power in AC     Three-phase AC-3     10     220/230V     KW     3.7       Single-phase AC-3     110V     KW     3.7     380/440V     KW     5.5       Single-phase AC-3     110V     KW     3.7     380/440V     KW     3.5       Single-phase AC-3     10V  |  |                                  |           | kV    | 6             |  |
| UL/CSA     A     15       Rated operational impulse voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     25kA     A     20       Rated short time current low     1s     kA     250     20       Conductivity     1s     kA     250     10/5 mA/V       Operational current le IEC/EN     10/5 mA/V     0/5 mA/V     0/5 mA/V       Operational current le IEC/EN     A     20     A     20       AC15     110V     A     10     220/230V     A     8     380/400V     A     6       660/690V     A     1.5     S   | Conventional free air th                                       | ermal current Ith                |           |       |               |  |
| Rated operational voltage     V     440       Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     25kA     A     20       Rated short time current low     1s     kA     250       Conductivity     10/5 mA/V     10/5 mA/V       Operational current le IEC/EN     100/5 mA/V     A       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     KW     3.7     380/440V     KW     5.5       Rated operational power in AC     Three-phase AC-3     220/230V     KW     3.7     380/440V     KW     5.5       Single-phase AC-3     110V     KW     0.75     220/230V     KW     3.8       Three-phase AC23A     110V     KW     0.75     380/440V     KW     3.5       Single-phase AC23A     220/230V     KW     4     380/440V     4 <td></td> <td></td> <td></td> <td></td> <td></td>   |  |                                  |           |       |               |  |
| Rated operational impulse voltage     kV     4       Maximum fuse size for short-circuit protection In (gG)     10kA     A     20       15kA     A     20     15kA     A     20       Rated short time current Icw     1s     kA     250     25kA     A     20       Conductivity     1s     kA     250     10/5 mA/V     0/5 mA/V       Operational current Ie IEC/EN     AC1/AC21A     A     20     AC15     10/7 mA/V       AC15     110V     A     10     220/230V     A     8     380/400V     A     6     660/690V     A     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     4       380/440V     kW     3.8     380/440V     kW     3.5       Single-phase AC23A     220/230V     kW     4     380/440V     4     380/440V     4     380/440V     KW  | Deterlar sector al sette                                       |                                  | UL/CSA    |       |               |  |
| Maximum fuse size for short-circuit protection ln (gG)     10kA     A     20       15kA     A     20     25kA     A     20       Rated short time current lcw     1s     kA     250       Conductivity     1s     kA     250       Operational current le IEC/EN     10/5 mA/V     10/5 mA/V       AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     3.8       Maximum fuse size for short-circuit protectional power in AC     220/230V     kW     4     380/440V     kW     5.5       Single-phase AC23A     220/230V     kW     1.8     380/440V     kW     7.5       Single-phase AC23A     220/230V  |  | -                                |           | -     |               |  |
| 10kA     A     20       15kA     A     20       25kA     A     20       Rated short time current lcw     1s     kA     250       Conductivity     10/5 mA/V     00/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     3.8     380/440V     kW     3       Three-phase AC23A     220/230V     kW     4     380/440V     kW     7.5       Single-phase AC23A     220/230V     kW     4     380/440V     kW     7.5  |  | -                                |           | ĸv    | 4             |  |
| 15kA     A     20       Rated short time current lcw     1s     kA     250       Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     15     15     15       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     3       Three-phase AC-3     110V     kW     0.75     220/230V     kW     3       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     3     3     3     3     3       Single-phase AC23A     220/230V     kW     4     3     3     3       Three-phase AC23A     220/230V     kW     4  |  | short-circuit protection in (gG) | 1040      | ۸     | 20            |  |
| 25kA     A     20       Rated short time current Icw     1s     kA     250       Conductivity     10/5 mA/V     00perational current le IEC/EN     10/5 mA/V       AC1/AC21A     A     20     AC15       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     15     15     15       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/40V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     1.8     380/440V     kW     3.8       Three-phase AC23A       Three-phase AC23A     220/230V     kW     4       380/440V     kW     7.5     500/690V     KW     7.5       Single-phase AC23A     110V     kW     0.75     220/230V     kW     4       380/440V     kW     7.5     500/6   |  |                                  |           |       |               |  |
| Rated short time current low     1s     kA     250       Conductivity     10/5 mA/V     0/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     3       Three-phase AC23A     220/230V     kW     4     380/440V     4     380/440V     4     380/440V     4     380/440V     4     380/440V     KW     7.5     500/690V     KW     7.5     500/690V     KW     7.5     500/690V     KW     7.5     500/690V     KW     2.2  |  |                                  |           |       |               |  |
| Conductivity     10/5 mA/V       Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7       380/400V     KW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     3       Three-phase AC-3     110V     kW     0.75     220/230V     kW     4       380/440V     kW     3     1     1     1     1       Three-phase AC23A     220/230V     kW     4     380/440V     1     3       Three-phase AC23A     220/230V     kW     4     380/440V     1     3       Three-phase AC23A     110V     KW     0.75     5     5     5     5     5     5     5     5     5<  | Rated short time curre   | nt Icw                           |           |       |               |  |
| Operational current le IEC/EN     AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC     Three-phase AC-3     220/230V     kW     3.7     380/440V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     3       Three-phase AC-3     110V     kW     0.75     220/230V     kW     4       380/440V     kW     3     3     3     3       Three-phase AC23A     220/230V     kW     4     3     3       Three-phase AC23A     220/230V     kW     4     3     3       Three-phase AC23A     220/230V     kW     4     3     3       Three-phase AC23A     220/230V     kW     7.5     5     5     5       Single-phase AC23A     110V     kW     0.75     2 <td></td> <td></td> <td>1s</td> <td>kA</td> <td>250</td>  |  |                                  | 1s        | kA    | 250           |  |
| AC1/AC21A     A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       660/690V     A     1.5     1.5     1.5     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3.7       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     3     380/440V     kW     3       Three-phase AC23A       Three-phase AC23A     220/230V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75     500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75     220/230V     kW     2.2   | Conductivity   |                                  |           |       | 10/5 mA/V     |  |
| A     20       AC15     110V     A     10       220/230V     A     8     380/400V     A     6       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3.7       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     3     380/440V     kW     3       Three-phase AC23A     220/230V     kW     4     380/440V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75     220/230V     kW     2.2  | Operational current le   | IEC/EN                           |           |       |               |  |
| AC15     110V     A     10       220/230V     A     8     380/400V     A     6       380/400V     A     6     660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3     220/230V     kW     3.7       380/440V     kW     5.5     500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75     220/230V     kW     1.8       380/440V     kW     3     380/440V     kW     3       Three-phase AC23A     220/230V     kW     4     380/440V     kW     7.5       Single-phase AC23A     110V     kW     7.5     500/690V     kW     2.2  |  | AC1/AC21A                        |           |       |               |  |
| 110V     A     10       220/230V     A     8       380/400V     A     6       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3.7       380/440V     kW     5.5       Single-phase AC-3     110V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8     380/440V     kW     3       Three-phase AC23A       Three-phase AC23A       Z20/230V     kW     4       380/440V     kW     7.5       Single-phase AC23A       Three-phase AC23A       Z20/230V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75     220/230V     kW     2.2  |  |                                  |           | A     | 20            |  |
| 220/230V     A     8       380/400V     A     6       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3.7       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3       110V     kW     0.75       220/230V     kW     1.8       380/440V     kW     3       Three-phase AC23A       Three-phase AC23A       Single-phase AC23A       Single-phase AC23A       Single-phase AC23A       Single-phase AC23A   |  | AC15                             | 1101      |       | 4.0           |  |
| 380/400V     A     6       660/690V     A     1.5       Rated operational power in AC       Three-phase AC-3       220/230V     kW     3.7       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8     380/440V     kW     3       Three-phase AC23A       Z20/230V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75       220/230V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A       110V     kW     0.75       Single-phase AC23A   |  |                                  |           |       |               |  |
| 660/690V     A     1.5       Rated operational power in AC<br>Three-phase AC-3       220/230V     kW     3.7       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8     380/440V     kW     3       Three-phase AC23A       Z20/230V     kW     4       380/440V     kW     3       Three-phase AC23A       Z20/230V     kW     4       380/440V     kW     7.5       Single-phase AC23A       110V     kW     7.5       Single-phase AC23A       110V     kW     0.75       Single-phase AC23A  |  |                                  |           |       |               |  |
| Rated operational power in AC<br>Three-phase AC-3       220/230V     kW     3.7       380/440V     kW     5.5       500/690V     kW     5.5       Single-phase AC-3     110V     kW     0.75       220/230V     kW     1.8     380/440V     kW     3       Three-phase AC23A     220/230V     kW     4     380/440V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75     220/230V     kW     4       380/440V     kW     7.5     500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75     220/230V     kW     2.2   |  |                                  |           |       |               |  |
| Three-phase AC-3   220/230V   kW   3.7     380/440V   kW   5.5     500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.75     220/230V   kW   1.8   380/440V   kW   3     Three-phase AC23A   220/230V   kW   4   380/440V   kW   7.5     Single-phase AC23A   220/230V   kW   7.5   500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75   220/230V   kW   2.2   | Rated operational pow  | er in AC                         | 000/0301  | ~     | 1.5           |  |
| 220/230V   kW   3.7     380/440V   kW   5.5     500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.75     220/230V   kW   1.8   380/440V   kW   3     Three-phase AC23A   220/230V   kW   4   380/440V   kW   7.5     Single-phase AC23A   110V   kW   7.5   500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75   220/230V   kW   2.2  |  |                                  |           |       |               |  |
| 380/440V   kW   5.5     500/690V   kW   5.5     Single-phase AC-3   110V   kW   0.75     220/230V   kW   1.8   380/440V   kW   3     Three-phase AC23A   220/230V   kW   4   380/440V   kW   7.5     Single-phase AC23A   380/440V   kW   7.5   500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75   220/230V   kW   2.2  |  |                                  | 220/230V  | kW    | 3.7           |  |
| Single-phase AC-3   110V   kW   0.75     220/230V   kW   1.8     380/440V   kW   3     Three-phase AC23A   220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2   |  |                                  | 380/440V  | kW    | 5.5           |  |
| 110V   kW   0.75     220/230V   kW   1.8     380/440V   kW   3     Three-phase AC23A   220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2   |  |                                  | 500/690V  | kW    | 5.5           |  |
| 220/230V   kW   1.8     380/440V   kW   3     Three-phase AC23A   220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2  |  | Single-phase AC-3                |           |       |               |  |
| 380/440V   kW   3     Three-phase AC23A   220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2  |  |                                  |           |       |               |  |
| Three-phase AC23A   220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2  |  |                                  |           |       |               |  |
| 220/230V   kW   4     380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2  |  |                                  | 380/440V  | kW    | 3             |  |
| 380/440V   kW   7.5     500/690V   kW   7.5     Single-phase AC23A   110V   kW   0.75     220/230V   kW   2.2  |  | Inree-phase AC23A                | 200/2201/ | L/\// | Λ             |  |
| 500/690V     kW     7.5       Single-phase AC23A     110V     kW     0.75       220/230V     kW     2.2  |  |                                  |           |       |               |  |
| Single-phase AC23A<br>110V kW 0.75<br>220/230V kW 2.2  |  |                                  |           |       |               |  |
| 110V kW 0.75<br>220/230V kW 2.2  |  | Single-phase AC23A               | 000/0001  | 11.00 |               |  |
| 220/230V kW 2.2  |  |                                  | 110V      | kW    | 0.75          |  |
| 380/440V kW 3.5  |  |                                  |           |       |               |  |
|  |  |                                  | 380/440V  | kW    | 3.5           |  |

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Rated operational current in DC

DC21A

ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

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|                         | DC21A                                 |       |        |                   |
|-------------------------|---------------------------------------|-------|--------|-------------------|
|                         |                                       | 48V   | А      | 20                |
|                         |                                       | 60V   | А      | 20                |
|                         |                                       | 110V  | A      | 4                 |
|                         |                                       | 220V  | A      | 0.6               |
|                         |                                       | 440V  | A      | 0.25              |
|                         |                                       | 440 V | A      | 0.25              |
|                         | DC23A (poles in series)               |       |        |                   |
|                         |                                       | 24V   | А      | 20 (1)            |
|                         |                                       | 48V   | А      | 20 (2)            |
|                         |                                       | 60V   | А      | 20 (3)            |
|                         |                                       | 110V  | А      | 10 (3)            |
|                         |                                       | 220V  | А      | 8 (4)             |
|                         | DC13                                  |       |        | . ,               |
|                         |                                       | 24V   | А      | 20                |
|                         |                                       | 48V   | A      | 16                |
|                         |                                       |       |        |                   |
|                         |                                       | 60V   | A      | 12                |
|                         |                                       | 110V  | А      | 1                 |
|                         |                                       | 220V  | А      | 0.4               |
|                         |                                       | 440V  | А      | 0.15              |
| Power dissipation       |                                       |       | W      | 0.6               |
| Mechanical features     |                                       |       |        |                   |
| Terminals screw         |                                       |       |        | M3                |
| Tightening torque for t | erminals max                          |       | Nm     | 0.8               |
| Conductor size          |                                       |       |        | 0.0               |
| COnductor Size          |                                       |       |        |                   |
|                         | AWG - Rigid cable                     |       |        |                   |
|                         |                                       | min   | AWG    | 20                |
|                         |                                       | Max   | AWG    | 12                |
|                         | AWG - Flexible cable                  |       |        |                   |
|                         |                                       | min   | AWG    | 20                |
|                         |                                       | Max   | AWG    | 12                |
|                         | Conductor size (IEC) - Flexible cable |       |        |                   |
|                         |                                       | min   | mm²    | 0.5               |
|                         |                                       | Max   | mm²    | 2.5               |
|                         | Conductor size (IEC) Divid coble      | ινιαλ |        | 2.0               |
|                         | Conductor size (IEC) - Rigid cable    |       |        | 0.5               |
|                         |                                       |       | mm²    | 0.5               |
|                         |                                       | Max   | mm²    | 2.5               |
| Mechanical life         |                                       |       | cycles | 1X10 <sup>6</sup> |
| UL technical data       |                                       |       |        |                   |
| Motor power for direct  | -on-line control                      |       |        |                   |
|                         | for three-phase motor                 |       |        |                   |
|                         |                                       | 120V  | HP     | 1.5               |
|                         |                                       | 240V  | HP     | 3                 |
|                         |                                       | 480V  | HP     | 5                 |
|                         |                                       |       |        |                   |
|                         | for single phase with                 | 600V  | HP     | 5                 |
|                         | for single-phase motor                |       |        | - <b></b>         |
|                         |                                       | 120V  | HP     | 0.75              |
|                         |                                       | 240V  | HP     | 1.5               |
| Ambient conditions      |                                       |       |        |                   |
| Temperature             |                                       |       |        |                   |
|                         | Operating temperature                 |       |        |                   |
|                         |                                       | min   | °C     | -25               |
|                         |                                       | max   | °C     | +55               |
|                         |                                       |       |        | + 2 2             |

Storage temperature

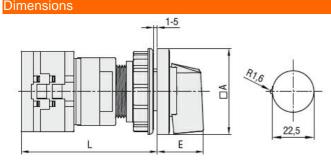
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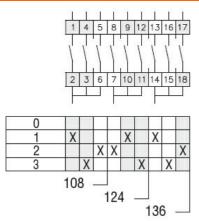
ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

|                         | min °C -40 |
|-------------------------|------------|
|                         | max °C +70 |
| Resistance & Protection |            |
| Frontal IP degree       | IP65       |
| Terminals IP degree     | IP20       |
| Dimensione              |            |



| Series | Dimensions |      |      | L    |      |       |  |
|--------|------------|------|------|------|------|-------|--|
|        | □A         | E    | 1    | 2    | 3    | 8     |  |
| GX16   | 48         | 26.5 | 64.9 | 73.4 | 81.9 | 124.4 |  |
| GX20   | 48         | 26.5 | 64.9 | 73.4 | 81.9 | 124.4 |  |

Wiring diagrams



## Certifications and compliance

Compliance

| Compliance          |                     |  |
|---------------------|---------------------|--|
|                     | CSA C22.2 n° 14     |  |
|                     | IEC/EN/BS 60947-1   |  |
|                     | IEC/EN/BS 60947-3   |  |
|                     | IEC/EN/BS 60947-5-1 |  |
|                     | IEC/EN/BS 61058-1   |  |
|                     | UL60947-4-1         |  |
| Certificates        |                     |  |
|                     | cULus               |  |
|                     | EAC                 |  |
| ETIM classification |                     |  |
| ETIM 8.0            |                     | EC001029 -<br>Selector switch,<br>complete |

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