## Product data sheet TZ 320 BS AP *



Door control unit for controlling escape route doors with illuminated emergency exit sign and key switch

## AREAS OF APPLICATION

$\rightarrow$ EltVTR-compliant protection of an emergency exit against unauthorised access
$\rightarrow$ Can be used on single and double leaf doors
$\rightarrow$ Connectivity via bus enables e.g. interlocking door system control, forwarding of alarms, connection to building management system
$\rightarrow$ Can be combined with motor locks and swing door drives
$\rightarrow$ Realisation of a bidirectional emergency exit
$\rightarrow$ Surface-mounted installation allows subsequent installation on the door with little effort

## PRODUCT FEATURES

$\rightarrow$ Flat impact cover enables fast and safe activation of the illuminated emergency push button in panic situations
$\rightarrow$ Coloured connectors facilitate electrical connection
$\rightarrow$ Three freely configurable inputs and two freely configurable outputs offer numerous possibilities for additional components
$\rightarrow$ Number of inputs and outputs can be expanded using the IO 420 interface module or the KL 220 clamping box
$\rightarrow$ Illuminated emergency exit sign improves visibility
$\rightarrow$ Integrated key switch enables authorised passing through the emergency exit

TECHNICAL DATA

| Productname | TZ $320 \mathrm{BS} \mathrm{AP} *$ |
| :--- | :---: |
| Width | 77 mm |
| Height | 197 mm |
| Depth | 88 mm |
| Type of installation | Surface-mounted installation |
| Service temperature | $-10-55^{\circ} \mathrm{C}$ |
| IP rating | IP 30 |
| Operating voltage | 24 V DC |
| Current consumption | 130 mA |
| Illuminated | Yes |
| Supply voltage | 24 V DC |
| Power supply for external consumers (24 V DC) | 650 mA |
| Contact rating | $30 \mathrm{~V} / 1 \mathrm{~A}$ |
| Sabotage contact | Yes |
| Number of inputs | 3 Stk. |
| Number of outputs | 2 Stk. |


| Emergency push button | Yes |
| :--- | :---: |
| Visual display | yes |
| Volume | 75 db |
| Type of cylinder | Euro profile half cylinder |
| With ribbon cable | Yes |
| Parameter setting | ST 220 service terminal |
| Conforms to the EltVTR (guidelines for electronic locking <br> systems) | Yes |
| Conforms to EN 13637 | No |

## VARIANTS / ORDER INFO

| Designation | Description | Ident- No. | Colour | Dimension <br> s | Operating voltage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| TZ 320 BS, AP door control unit | Consisting of: / Control unit with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign illuminated / Operating voltage 24 V DC | 132310 | white aluminium | $\begin{aligned} & 77 \times 197 \times \\ & 88 \mathrm{~mm} \end{aligned}$ | 24 V DC |
| TZ 320 BS, AP door control unit | Consisting of: / Control unit with emergency push button, / Key switch with Euro profile half cylinder / Emergency exit sign illuminated / Operating voltage 24 V DC | 132286 | green | $\begin{aligned} & 77 \times 197 \times \\ & 88 \mathrm{~mm} \end{aligned}$ | 24 V DC |

## ACCESSORIES

## KL 220 AP *

Terminal box for extending the number of analogue inputs and outputs for a TZ 32x


|  | Description | Ident- <br> No. | Colour | Dimensions | Operating <br> voltage |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Terminal box KL 220 surface- | Plastic housing / W $\times \mathrm{H} \times \mathrm{D}: 113 \times 113 \times 58 \mathrm{~mm}$ | 087262 | grey | $113 \times 113 \times$ | 24 VDC |
| mounted installation * | / IP rating: IP54 / with sabotage contact |  |  | 58 mm |  |

## RP 220 RELAY BOARD *

Relay board for universal use for the generation and switching of potential-free contacts


|  |  | Ident- <br> No. | Dimensions | Number of <br> relays |
| :--- | :--- | :--- | :--- | :--- |
| Re 220 relay | for universal use / 2 potential-free changeover contacts / Switching load: 30 | 102355 | $28 \times 25 \times 18$ | 2 Stk. |
| board | V/1 A/ Operating voltage: 24 V DC / Current consumption: $10 \mathrm{~mA} / \mathrm{W} \times \mathrm{H} \times$ |  | mm |  |
|  | D: $28 \times 25 \times 18 \mathrm{~mm}$ |  |  |  |

## NOT 220 AP *

Emergency exit system emergency push button for mains voltage shutoff in the case of an emergency or during maintenance work, surfacemounted installation

| Designation | Description | Ident- <br> No. | Colour | Dimension <br> s |
| :--- | :--- | :--- | :--- | :--- |
| NOT 220 AP emergency <br> stop switch, IP65 * | in plastic casing IP65 / $94 \times 94 \times 122 \mathrm{~mm} /$ with <br> emergency exit sign arrow downwards / Operating <br> voltage: $24 \mathrm{~V} \mathrm{DC} \mathrm{/} \mathrm{Contact} \mathrm{rating:} 3 \mathrm{~A}, 250 \mathrm{~V} / 1$ normally |  |  |  |
|  | closed contact |  |  |  |

## KEY SWITCH 220 UP *

Key switch for authorised activation and changing the mode of operation of automatic doors, flush-mounted


| Designation | Description | Ident-No. | Colour | Type of installation |
| :---: | :---: | :---: | :---: | :---: |
| SCT 220 key switch, Jung ST 550 * | Two-sided switching operation, with Euro profile half cylinder and three keys / with 1-gang frame | 094169 | alpine white | Flush-mounted installation |
| SCT 220, GIRA E2 key switch | Two-sided switching operation, with Euro profile half cylinder and three keys | 094171 | pure white <br> matt | Flush-mounted installation |
| SCT 220, Jung LS 990 key switch * | Two-sided switching operation, with Euro profile half cylinder and three keys / with Euro profile half cylinder 30/10 / with single frame / IP rating: IP $20 / \mathrm{W} \times \mathrm{H} \times \mathrm{D}: 81 \times 81 \times 62.5$ | 094170 | Stainless steel | Flush-mounted installation |
| SCT 220, GIRA E2 key switch * | Switch programme GIRA E2 / with Euro profile half cylinder 30/10 / with single frame / IP rating: IP20 / W x H x D: $81 \times 81 \times$ 62.5 | 094012 | pure white matt | Flush-mounted installation |


| Designation | Description | Ident-No. | Colour | Type of installation |
| :--- | :--- | :--- | :--- | :--- |
| SCT 220, Jung LS | Two-sided switching operation, with Euro profile half cylinder | 089345 | Stainless <br> steel | Flush-mounted <br> installation |
|  | and three keys / with Euro profile half cylinder 30/10/with <br> single frame / IP rating: IP20 $/ \mathrm{W} \times \mathrm{H} \times \mathrm{D}: 81 \times 81 \times 62.5$ |  |  |  |

## KEY SWITCH 320 UP *

Key switch for authorised activation and for changing the mode of operation of automatic doors, flush-mounted


| Designation | Description | Ident- <br> No. | Colour | Operating voltage | Type of installation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SCT 320 UP, key switch | Two-sided switching operation, with Euro profile half cylinder and three keys / with sabotage contact / with ribbon cable / Contact rating: 24 V DC, 1A / Area of application: dry rooms / Without frame | 132278 | anthracite | 24 V DC | Flush-mounted installation |
| SCT 320 UP, key switch | Two-sided switching operation, with Euro profile half cylinder and three keys / with sabotage contact / with ribbon cable / Contact rating: 24 V DC, 1A / Area of application: dry rooms / Without frame | 131984 | alpine white | 24 V DC | Flush-mounted installation |
| SCT 320 UP, key switch | Two-sided switching operation, with Euro profile half cylinder and three keys / with sabotage contact / with ribbon cable / Contact rating: 24 V DC, 1A / Area of application: dry rooms / Without frame | 130370 | pure white matt | 24 V DC | Flush-mounted installation |

SCT 222 *
Key switch for authorised activation and changing the mode of operation of automatic doors, surface and flush-mounted


| Designation | Description | Ident- <br> No. | Colour | Dimension s | Type of installation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SCT 222 key switch with LEDs * | Two-sided switching operation, with Euro profile half cylinder and three keys / with aluminium front plate / right LED red/green, left LED yellow / Operating voltage 24 V DC / Current consumption: $30 \mathrm{~mA} / \mathrm{IP}$ rating: IP54 / Dimensions: / W x H front plate: $100 \times$ $110 \mathrm{~mm} / \mathrm{W} \times \mathrm{H} \times \mathrm{D}$ flush-mounted housing: approx. $70 \times 80 \times 48 \mathrm{~mm}$ | 100064 | silvercoloured | $\begin{aligned} & 100 \times 110 x \\ & 48 \mathrm{~mm} \end{aligned}$ | Flush-mounted installation |
| SCT 222 key switch with LEDs * | Two-sided switching operation, with Euro profile half cylinder and three keys / with aluminium front plate / right LED red/green, left LED yellow / Operating voltage 24 V DC / Current consumption: $30 \mathrm{~mA} / \mathrm{IP}$ rating: IP54 / Dimensions: / W x H x D: $70 \times 80 \times 48$ | 100065 | silvercoloured | $\begin{aligned} & 70 \times 80 x \\ & 48 \mathrm{~mm} \end{aligned}$ | Surface-mounted installation |

## SLE 220 *

Warning light for reinforcing an optical alarm signal

| Designation | Description | Ident- No. | Colour | Supply voltage | Operating voltage |
| :---: | :---: | :---: | :---: | :---: | :---: |
| SLE 220 indicator lamp flush mounting * | Reflector colour: green / Operating voltage: 24 V DC / Switch programme: Jung AS 500, alpine white | 115936 | green | 24 V DC | 24 V DC |
| SLE 220 indicator lamp flush mounting * | Reflector colour: red / Operating voltage: 24 V DC / Switch programme: Jung AS 500, alpine white | 115934 | red | 24 V DC | 24 V DC |

## T 320 AP TERMINAL *

Slave control unit for bidirectional escape routes with a TZ 320 or TZ 322 with integrated key switch

|  |  | Ident- |  | Operating <br> Designation | Description |
| :--- | :--- | :--- | :--- | :--- | :--- |

## ST 220

Service terminal for the wireless and wired parameter setting of GEZE door and window products


| Designation | Description | Ident- <br> No. | Colour | Dimensions <br> Ooltage |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| ST 220 service | For parameter setting and diagnosis for TZ 320, TE 220, | 087261 | blue | $80 \times 125 \times$ | 24 V |
| terminal | automatic door systems, drives from the IQ windowdrive series |  |  |  |  |
| and THZ N4, THZ Comfort N4, battery operation with 4× AAA cells |  |  |  |  |  |

## T 320 UP CONTROL UNIT *

Slave control unit for bidirectional escape routes with a TZ 320 or TZ 322

| Designation | Description | Ident- <br> No. | Operating <br> voltage | Type of installation |
| :--- | :--- | :--- | :--- | :--- |
| T 320 UP |  |  |  |  |
| control unit * | (no complete flush-mounting set available. Made up of individual <br> components) / Control unit with emergency push button / Impact <br> cover made of transparent plastic / For switch programmes in | 140999 | 24 VDC | Flush-mounted <br> installation |
|  | System 55 / Installation in flush-mounted sockets 62.5 mm deep / <br> Operating voltage: $24 \mathrm{~V} \mathrm{DC} \mathrm{/} \mathrm{Current} \mathrm{consumption:} 100 \mathrm{~mA}$ |  |  |  |
|  |  |  |  |  |

## NOT 320 SURFACE MOUNTED *

Emergency exit system emergency push button for mains voltage shutoff in the case of an emergency or during maintenance work, surfacemounted installation


| Designation | Description | Ident- <br> No. | Colour | Operating voltage | Type of installation |
| :---: | :---: | :---: | :---: | :---: | :---: |
| NOT 320 AP emergency push button, Jung AS 500 * | with surface mounted cap Jung AS 500 and single frame / Impact cover made of transparent plastic / Impact cover dimensions $55 \times 55 \mathrm{~mm} /$ Operating voltage: 24 V DC / Current consumption: $30 \mathrm{~mA} / 1$ normally closed contact / 1 normally open contact / Contact current capacity: $1 \mathrm{~A}, 30 \mathrm{~V}$ | 137967 | alpine white | 24 V DC | Surface-mounted installation |

* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.

