

## Data sheet

6AV3688-3XY38-3AX0



Figure similar

design empty front in KP8 format for easy mounting of standard 22.5 mm operator controls Ideal for setting up modular operator panels also suitable for installation in extension units of the pro devices

| General information   |   |
|---|---|
| Product type designation  | Empty front design                              |
| Installation type/mounting  |   |
| Mounting type   | Clamp terminals                                 |
| Mounting position   | any   |
| Rack mounting   | No  |
| Front mounting  | Yes; Compatible with Extension Units dimensions |
| Rail mounting   | No  |
| Wall mounting/direct mounting   | No  |
| Mounting in portrait format possible                                  | Yes   |
| Mounting in landscape format possible                                 | Yes   |
| maximum permissible angle of inclination without external ventilation | 180°; To the front/rear                         |
| Number of slots for command devices and signaling units               | 5; Max. 5 possible                              |
| Supply voltage  |   |
| Design of the power supply  | external  |
| Interfaces  |   |
| Number of industrial Ethernet interfaces                              | 0   |
| Number of PROFINET interfaces   | 0   |
| Number of USB interfaces  | 0   |
| Protocols   |   |
| PROFINET  | No  |
| PROFIsafe   | No  |
| Redundancy mode   |   |
| Media redundancy  |   |
| — MRP   | No  |
| Test commissioning functions  |   |
| Key and signal lamp test  | No  |
| Degree and class of protection  |   |
| IP (at the front)   | IP65  |
| IP (rear)   | IP20  |
| NEMA (front)  |   |
| • Enclosure Type 4 at the front                                       | No  |
| • Enclosure Type 4x at the front                                      | No  |
| Standards, approvals, certificates                                    |   |
| CE mark   | Yes   |
| cULus   | No  |
| RCM (formerly C-TICK)   | No  |
| KC approval   | No  |

|   |  |
|---|--|
| Suitable for safety functions                             | Yes; e.g. installation of emergency stop         |
| <b>Use in hazardous areas</b>                             |  |
| • ATEX Zone 2   | No   |
| • ATEX Zone 22  | No   |
| • cULus Class I Zone 1                                    | No   |
| • cULus Class I Zone 2, Division 2                        | No   |
| • FM Class I Division 2                                   | No   |
| <b>Marine approval</b>                                    |  |
| • Germanischer Lloyd (GL)                                 | No   |
| • American Bureau of Shipping (ABS)                       | No   |
| • Bureau Veritas (BV)                                     | No   |
| • Det Norske Veritas (DNV)                                | No   |
| • Lloyds Register of Shipping (LRS)                       | No   |
| • Nippon Kaiji Kyokai (Class NK)                          | No   |
| • Polski Rejestr Statkow (PRS)                            | No   |
| <b>Ambient conditions</b>                                 |  |
| <b>Ambient temperature during operation</b>               |  |
| • min.  | 0 °C   |
| • max.  | 55 °C  |
| <b>Operation (vertical installation)</b>                  |  |
| — For vertical installation, min.                         | 0 °C   |
| — For vertical installation, max.                         | 55 °C  |
| <b>Operation (max. tilt angle)</b>                        |  |
| — At maximum tilt angle, min.                             | 0 °C   |
| — At maximum tilt angle, max.                             | 45 °C  |
| <b>Operation (vertical installation, portrait format)</b> |  |
| — For vertical installation, min.                         | 0 °C   |
| — For vertical installation, max.                         | 45 °C  |
| <b>Operation (max. tilt angle, portrait format)</b>       |  |
| — At maximum tilt angle, min.                             | 0 °C   |
| — At maximum tilt angle, max.                             | 45 °C  |
| <b>Ambient temperature during storage/transportation</b>  |  |
| • min.  | -20 °C   |
| • max.  | 60 °C  |
| <b>Relative humidity</b>                                  |  |
| • Operation, max.   | 95 %   |
| <b>Mechanics/material</b>                                 |  |
| <b>Enclosure material (front)</b>                         |  |
| • Plastic   | No   |
| • Aluminum  | Yes  |
| • Stainless steel   | No   |
| <b>Dimensions</b>   |  |
| Width   | 98 mm  |
| Height  | 155 mm   |
| Mounting cutout, width                                    | 68 mm; Max. thickness of mounting plate 2 - 6 mm |
| Mounting cutout, height                                   | 129 mm   |
| Overall depth   | 49 mm  |
| <b>Weights</b>  |  |
| Weight (without packaging)                                | 240 g  |
| <b>Other</b>  |  |
| Merchandise   | Yes  |
| Manufacturer name   | SIEMENS AG                                       |
| Manufacturer's address                                    | Gleiwitzerstraße 555, 90475 Nuremberg, Germany   |

last modified: 3/12/2024 