

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

# Installation Instructions

## 6GK7343-1GX31-0XE0

Siemens official documentation for the exact article number.

Source: 6GK7343-1GX31-0XE0.pdf

Selected official Siemens pages follow this cover.

|                                                            |        |
|------------------------------------------------------------|--------|
| Supply voltage / 1 / from backplane bus                    | 5 V    |
| Supply voltage / external                                  | 24 V   |
| Supply voltage / external / at DC / Rated value            | 24 V   |
| Relative positive tolerance / at DC / at 24 V              | 20 %   |
| Relative negative tolerance / at DC / at 24 V              | 15 %   |
| Consumed current                                           |        |
| • from backplane bus / at DC / at 5 V / typical            | 0.14 A |
| • from external supply voltage / at DC / at 24 V / typical | 0.48 A |
| • from external supply voltage / at DC / at 24 V / maximum | 0.62 A |
| Power loss [W]                                             | 14.7 W |

#### Ambient conditions

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Ambient temperature                                            |                |
| • for vertical installation / during operation                 | 0 ... 40 °C    |
| • for horizontally arranged busbars / during operation         | 0 ... 60 °C    |
| • during storage                                               | -40 ... +70 °C |
| • during transport                                             | -40 ... +70 °C |
| Relative humidity                                              |                |
| • at 25 °C / without condensation / during operation / maximum | 95 %           |
| Protection class IP                                            | IP20           |

#### Design, dimensions and weights

|                        |                |
|------------------------|----------------|
| Module format          | Compact module |
| Width                  | 80 mm          |
| Height                 | 125 mm         |
| Depth                  | 120 mm         |
| Net weight             | 0.8 kg         |
| Mounting type          |                |
| • S7-300 rail mounting | Yes            |

#### Performance data / open communication

|                                                                                                               |          |
|---------------------------------------------------------------------------------------------------------------|----------|
| Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum           | 16       |
| Amount of data                                                                                                |          |
| • as user data per ISO connection / for open communication / by means of SEND/RECEIVE blocks / maximum        | 8 Kibyte |
| • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum | 8 Kibyte |