

## 07DC91

### General Information

|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Extended Product Type: | 07DC91                                                                                  |
| Product ID:            | GJR5251400R0202                                                                         |
| ABB Type Designation:  | 07DC91                                                                                  |
| EAN:                   | 4013614267628                                                                           |
| Catalog Description:   | 07DC91:AC31,Digital I/O module                                                          |
| Long Description:      | 07DC91:AC31,Digital I/O module 16DI/8DC/8DO,24VDC,DI:24VDC DO/DC:24VDC/0,5A,1-wire,CS31 |

### Categories

Products » [PLC Automation](#) » [Legacy products](#) » [AC31 and previous series](#) » [AC31 I/Os and previous series](#)

### Additional Information

|                                         |                                                                                                                |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| ABB Type Designation:                   | 07DC91                                                                                                         |
| ABS Certificate:                        | <a href="#">1SAA960000-0102</a>                                                                                |
| Ambient Air Temperature:                | Operation 0 ... +55 °C<br>Storage -25 ... +75 °C                                                               |
| Cable Cross-Section:                    | 0.08 ... 1.5 mm <sup>2</sup>                                                                                   |
| CN8:                                    | 85389091                                                                                                       |
| Core Credit:                            | 0.00                                                                                                           |
| Country of Origin:                      | Germany (DE)<br>Spain (ES)<br>United States (US)                                                               |
| CS31-Bus:                               | 1                                                                                                              |
| CSA Certificate:                        | <a href="#">1SAA960000-1102</a>                                                                                |
| Customs Tariff Number:                  | 85389091                                                                                                       |
| Data Sheet, Technical Information:      | <a href="#">2CDC122005D0201</a>                                                                                |
| Declaration of Conformity - CE:         | <a href="#">1SAD938505-0047</a>                                                                                |
| Degree of Protection:                   | IP20                                                                                                           |
| DNV Certificate:                        | <a href="#">1SAA960000-0304</a>                                                                                |
| EAN:                                    | 4013614267628                                                                                                  |
| eClass:                                 | 27-24-22-04                                                                                                    |
| Environmental Information:              | <a href="#">1SAA960001-2401</a>                                                                                |
| Fieldbus Interface Type:                | CS31 Slave                                                                                                     |
| Frame Size:                             | Undefined                                                                                                      |
| GL Certificate:                         | <a href="#">1SAA960000-0401</a>                                                                                |
| Gross Weight:                           | 1.07 kg                                                                                                        |
| I/O Option:                             | Bus module with Onboard IO - 16DI / 8DO-T / 8DC                                                                |
| Instructions and Manuals:               | <a href="#">2CDC120059M0202</a>                                                                                |
| Invoice Description:                    | 07DC91:AC31,Digital I/O module                                                                                 |
| LR Certificate:                         | <a href="#">1SAA960000-0502</a>                                                                                |
| Made To Order:                          | No                                                                                                             |
| Maximum Operating Altitude Permissible: | 2000 m                                                                                                         |
| Minimum Order Quantity:                 | 1 piece                                                                                                        |
| Mounting on DIN Rail:                   | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Number of Analog Configurable I/Os:     | 0                                                                                                              |
| Number of Digital Configurable I/Os:    | 8                                                                                                              |
| Number of Digital Inputs DC 24V:        | 16                                                                                                             |
| Number of Digital Outputs DC 24V:       | 8                                                                                                              |

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| Order Multiple:                     | 1 piece                                                                 |
| Output Current:                     | 0.5 A                                                                   |
| Output Voltage (U <sub>out</sub> ): | 24 V DC                                                                 |
| Part Type:                          | New                                                                     |
| Primary Voltage:                    | 24 V                                                                    |
| Product Depth:                      | 85 mm                                                                   |
| Product Main Type:                  | 07DC91                                                                  |
| Product Name:                       | Distributed Automation I/O                                              |
| Product Net Depth / Length:         | 85 mm                                                                   |
| Product Net Height:                 | 140 mm                                                                  |
| Product Net Weight:                 | 1.07 kg                                                                 |
| Product Net Width:                  | 120 mm                                                                  |
| Product Type:                       | PLC-AC31-90                                                             |
| Quote Only:                         | No                                                                      |
| RINA Certificate:                   | <a href="#">1SAA960000-0802</a>                                         |
| RMRS Certificate:                   | <a href="#">1SAA960000-0702</a>                                         |
| RoHS Information:                   | <a href="#">1SAA960005-4401</a>                                         |
| RoHS Status:                        | No declaration needed                                                   |
| Selling Unit of Measure:            | piece                                                                   |
| Serial Port 1 Type:                 | RS-485, CS31                                                            |
| Short Description:                  | DO/DC:24VDC/0,5A,1-wire,CS31                                            |
| Stocked At (Warehouses):            | Menden, Germany<br>Wickliffe, Ohio, United States<br>Ladenburg, Germany |
| Supply Voltage:                     | 24 V DC                                                                 |
| Terminal Type:                      | Screw Terminals, Pluggable                                              |
| UL Certificate:                     | <a href="#">1SAA960000-1602</a>                                         |
| UNSPSC:                             | 32151705                                                                |
| WEEE B2C / B2B:                     | Business To Business                                                    |
| WEEE Category:                      | 5. Small Equipment (No External Dimension More Than 50 cm)              |