



PRODUCT-DETAILS

DC551-CS31

Interface module. CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A (DC551-CS31)



| General Information   |                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DC551-CS31                                                                                                                       |
| Product ID            | 1SAP220500R0001                                                                                                                  |
| ABB Type Designation  | DC551-CS31                                                                                                                       |
| EAN                   | 4016779649056                                                                                                                    |
| Catalog Description   | Interface module. CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A (DC551-CS31)                                        |
| Long Description      | DC551-CS31: S500 Interface module. CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A. Extendable by up to 7 I/O modules |

| Ordering                |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| CN8                     | 85389091                                                                                  |
| Invoice Description     | Interface module. CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A (DC551-CS31) |
| Made To Order           | No                                                                                        |
| Minimum Order Quantity  | 1 piece                                                                                   |
| Order Multiple          | 1 piece                                                                                   |
| Selling Unit of Measure | piece                                                                                     |

## Dimensions

|                                |          |
|--------------------------------|----------|
| Product Net Weight             | 0.12 kg  |
| Product Net Depth / Length     | 62 mm    |
| Product Net Height             | 76 mm    |
| Product Net Width              | 67.5 mm  |
| Gross Weight                   | 0.144 kg |
| Package Level 1 Depth / Length | 84 mm    |
| Package Level 1 Height         | 72 mm    |
| Package Level 1 Width          | 71 mm    |
| Package Level 1 Units          | 1 carton |

## Technical

|                                     |                                                            |                    |
|-------------------------------------|------------------------------------------------------------|--------------------|
| Function                            | CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A |                    |
| Number of Hardware Interfaces       | Industrial Ethernet                                        | 0                  |
|                                     | Other                                                      | 0                  |
|                                     | Parallel                                                   | 0                  |
|                                     | RS-232                                                     | 0                  |
|                                     | RS-422                                                     | 0                  |
|                                     | RS-485                                                     | 0                  |
|                                     | Serial TTY                                                 | 0                  |
|                                     | USB                                                        | 0                  |
|                                     | Wireless                                                   | 0                  |
| Number of Analog Configurable I/Os  |                                                            | 0                  |
| Analog Inputs                       |                                                            | 0                  |
| Analog Outputs                      |                                                            | 0                  |
| Number of Digital Inputs            |                                                            | 8                  |
| Number of Digital Outputs           |                                                            | 0                  |
| Number of Digital Configurable I/Os |                                                            | 16                 |
| Input Voltage Type                  |                                                            | DC                 |
| Input Voltage ( $U_{in}$ )          |                                                            | 24 V DC            |
| Input Current                       |                                                            | 5 mA               |
| Delay Time (T)                      |                                                            | 0.1 ... 32 ms      |
| Output                              |                                                            | Transistor         |
| Output Voltage Type                 |                                                            | DC                 |
| Output Voltage ( $U_{out}$ )        |                                                            | 24 V DC            |
| Output Current                      |                                                            | 0.5 A              |
| Output Voltage Maximum              |                                                            | 20.4 ... 28.8 V    |
| Degree of Protection                |                                                            | IP20               |
| Supply Voltage                      |                                                            | 20.4 ... 28.8 V DC |
| Ambient Air Temperature             | Operation                                                  | 0 ... +60 °C       |
|                                     | Storage                                                    | -40 ... +70 °C     |

## Additional Information

|                   |                             |
|-------------------|-----------------------------|
| Product Main Type | DC551                       |
| Product Name      | Distributed Automation I/Os |

| External Classifications and Standards |                                                                |             |
|----------------------------------------|----------------------------------------------------------------|-------------|
| eClass                                 |                                                                | 27-24-26-07 |
| ETIM 8                                 | EC001604 - Fieldbus, decentr. periphery - communication module |             |
| ETIM 9                                 | EC001604 - Fieldbus, decentr. periphery - communication module |             |
| ETIM 10                                | EC001604 - Fieldbus, decentr. periphery - communication module |             |
| UNSPSC                                 |                                                                | 32151705    |

| Environmental  |                                                            |                      |
|----------------|------------------------------------------------------------|----------------------|
| SCIP           | 49fce663-5a54-48fc-a00b-eb7246d1d2e8 Germany (DE)          |                      |
| WEEE B2C / B2B |                                                            | Business To Business |
| WEEE Category  | 5. Small Equipment (No External Dimension More Than 50 cm) |                      |

Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → Communication interface modules

