



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 |

## Certificates and Declarations

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Declaration of Conformity - CE | 3ADR980140                                                             |
| REACH Date                     | 20241206                                                               |
| REACH Declaration              | 3ADR980139                                                             |
| REACH Information              | True - contains substances > 0.1 mass percentage                       |
| RoHS Date                      | 2007                                                                   |
| RoHS Information               | 3ADR980140                                                             |
| RoHS Status                    | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Technical

|                                     |                                                                                                                           |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Function                            | CS31 slave. 8 DI: 24VDC. 16 configurable DI/DO: 24VDC 0.5A                                                                |
| Number of Hardware Interfaces       | Industrial Ethernet 0<br>Other 0<br>Parallel 0<br>RS-232 0<br>RS-422 0<br>RS-485 0<br>Serial TTY 0<br>USB 0<br>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<br>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               |
| 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



