



 PRODUCT-DETAILS

DC523

Digital input/output module. 24 configurable DI/DO: 24VDC 0.5A. 4 aux. terminals 0 V. 4 aux. terminals 24VDC (DC523)



General Information

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|-----------------------|--|
| Extended Product Type | DC523 |
| Product ID | 1SAP240500R0001 |
| ABB Type Designation | DC523 |
| EAN | 4016779655989 |
| Catalog Description | Digital input/output module. 24 configurable DI/DO: 24VDC 0.5A. 4 aux. terminals 0 V. 4 aux. terminals 24VDC (DC523) |
| Long Description | DC523: S500 Digital input/output module. 24 configurable DI/DO: 24VDC 0.5A. 4 aux. terminals 0 V. 4 aux. terminals 24VDC. 2..3 wire. |

Ordering

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|-------------------------|--|
| CN8 | 85389091 |
| Invoice Description | Digital input/output module. 24 configurable DI/DO: 24VDC 0.5A. 4 aux. terminals 0 V. 4 aux. terminals 24VDC (DC523) |
| Made To Order | No |
| Minimum Order Quantity | 1 piece |
| Order Multiple | 1 piece |
| Selling Unit of Measure | piece |

Dimensions

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|--------------------------------|----------|
| Product Net Weight | 0.115 kg |
| Product Net Depth / Length | 62 mm |
| Product Net Height | 76 mm |
| Product Net Width | 67.5 mm |
| Gross Weight | 0.139 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

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|--------------------------------|--|
| Declaration of Conformity - CE | 3ADR980146 |
| REACH Date | 20241206 |
| REACH Declaration | 3ADR980139 |
| REACH Information | True - contains substances > 0.1 mass percentage |
| RoHS Date | 2007 |
| RoHS Information | 3ADR980146 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Technical

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|-------------------------------------|---|
| Function | 24 configurable DI/DO: 24VDC 0.5A. 4 aux. terminals 0 V. 4 aux. terminals 24VDC |
| Number of Analog Configurable I/Os | 0 |
| Number of Digital Configurable I/Os | 24 |
| Input Voltage Type | DC |
| Input Current | 5 mA |
| Maximum Input Voltage | 0 ... 30 V |
| 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

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|-------------------|-----------------------------|
| Product Main Type | DC523 |
| Product Name | Distributed Automation I/Os |

External Classifications and Standards

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|---------|-----------------------------------|
| eClass | 27-24-22-04 |
| ETIM 8 | EC001419 - PLC digital I/O-module |
| ETIM 9 | EC001419 - PLC digital I/O-module |
| ETIM 10 | EC001419 - PLC digital I/O-module |
| UNSPSC | 32151705 |

Environmental

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|----------------|--|
| SCIP | 98bc66fe-2561-4f0a-a24f-e9c590b1080b 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 → S500 I/O modules

