

## PRODUCT-DETAILS

# DC505-FBP-ROB

DC505-FBP:S500,FBP-Interface Mod.8DI/8DC

For sale but "Obsolete", replaced by



## General Information

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Extended Product Type | DC505-FBP-ROB                                                                          |
| Product ID            | 1SAP220000R0002                                                                        |
| ABB Type Designation  | DC505-FBP-ROB                                                                          |
| EAN                   | 4016779712064                                                                          |
| Catalog Description   | DC505-FBP:S500,FBP-Interface Mod.8DI/8DC                                               |
| Long Description      | DC505-FBP:S500,FBP-Interface Mod.,8DI/8DC DI:24VDC,DC:24VDC/0.5A,1/2-wire for Robotics |

## Additional Information

|                                   |                                                  |
|-----------------------------------|--------------------------------------------------|
| ABB Type Designation              | DC505-FBP-ROB                                    |
| ABS Certificate                   | 1SAA960002-0104                                  |
| Ambient Air Temperature           | Operation 0 ... +60 °C<br>Storage -40 ... +70 °C |
| CN8                               | 85389091                                         |
| CSA Certificate                   | 1SAA960000-1705                                  |
| Country of Origin                 | Germany (DE)                                     |
| Customs Tariff Number             | 85389091                                         |
| DNV Certificate                   | 1SAA960002-0303                                  |
| Data Sheet, Technical Information | 2CDC125002B0206                                  |
| Declaration of Conformity - CE    | 1SAD938501-0164                                  |
| Degree of Protection              | IP20                                             |
| EAN                               | 4016779712064                                    |

|                                        |                                                                 |
|----------------------------------------|-----------------------------------------------------------------|
| EPLAN Catalog Tree                     | Electrical engineering / PLC / General                          |
| Environmental Information              | 1SAA960008-2401                                                 |
| Fieldbus Interface Type                | FieldBusPlug                                                    |
| GL Certificate                         | 1SAA960004-0406                                                 |
| GOST Certificate                       | 1SAA962000-2701                                                 |
| Gross Weight                           | 0.2 kg                                                          |
| I/O Option                             | Bus module with Onboard IO - 8DI / 8DC                          |
| Instructions and Manuals               | 2CDC125080M0202                                                 |
| Invoice Description                    | DC505-FBP:S500,FBP-Interface Mod.8DI/8DC                        |
| LR Certificate                         | 1SAA960002-0503                                                 |
| Made To Order                          | No                                                              |
| Maximum Number of Analog I/Os          | 32 AI, 32 AO                                                    |
| Maximum Operating Altitude Permissible | 2000 m                                                          |
| Minimum Order Quantity                 | 1 piece                                                         |
| Mounting Position                      | Horizontal, Vertical possible with derating                     |
| Mounting on DIN Rail                   | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715            |
| Number of Digital Configurable I/Os    | 8                                                               |
| Number of Digital Inputs DC 24V        | 8                                                               |
| Order Multiple                         | 1 piece                                                         |
| Output Current                         | 0.5 A                                                           |
| Output Voltage (U <sub>out</sub> )     | 24 V DC                                                         |
| Power Supply                           | 24 V DC                                                         |
| Primary Voltage                        | 24 V DC                                                         |
| Product Depth                          | 72 mm                                                           |
| Product Main Type                      | DC505                                                           |
| Product Name                           | Distributed Automation I/Os                                     |
| Product Net Height                     | 76 mm                                                           |
| Product Net Length                     | 62 mm                                                           |
| Product Net Weight                     | 0.11 kg                                                         |
| Product Net Width                      | 67.5 mm                                                         |
| Product Type                           | PLC-AC500                                                       |
| Programming Software                   | AC500 Control Builder PS501-PROG                                |
| Quote Only                             | No                                                              |
| RINA Certificate                       | 1SAA960003-0804                                                 |
| RMRS Certificate                       | 1SAA960001-0704                                                 |
| Replacement Product ID (NEW)           | 1SAP220000R0001                                                 |
| RoHS Date                              | 1070                                                            |
| RoHS Information                       | 1SAA960006-4406                                                 |
| RoHS Status                            | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Secondary Current                      | 0.2 A                                                           |
| Selling Unit of Measure                | piece                                                           |
| Serial Port 1 Type                     | FieldBusPlug Interface                                          |
| Serial Port 2 Type                     | I/O-Bus                                                         |
| Short Description                      | DC505-FBP:S500,FBP-Interface Mod.,8DI/8DC                       |
| Stocked At (Warehouses)                | Menden, Germany                                                 |
| Supply Voltage                         | 24 V DC                                                         |
| UL Certificate                         | 1SAA960000-1606                                                 |
| UNSPSC                                 | 32151705                                                        |
| WEEE B2C / B2B                         | Business To Business                                            |
| WEEE Category                          | 5. Small Equipment (No External Dimension More Than 50 cm)      |
| cUL Certificate                        | 1SAA960000-1705                                                 |

|                   |                 |
|-------------------|-----------------|
| cULus Certificate | 1SAA960000-1705 |
| eClass            | 27-24-26-07     |

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**Categories**

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PLC Automation → Legacy products → AC500 → Communication interface modules

