PRODUCT-DETAILS

# EC581-ARCNET-R01xx

## EC581-ARCNET:AC500,Prog.Logic Controller

### General Information

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|---|---|
| **Extended Product Type:** | EC581-ARCNET-R01xx |
| **Product ID:** | 1SAP140500R3160 |
| **ABB Type Designation:** | EC581-ARCNET |
| **EAN:** | 4016779653770 |
| **Catalog Description:** | EC581-ARCNET:AC500,Prog.Logic Controller |
| **Long Description:** | EC581-ARCNET:AC500,Prog.Logic<br>Controller 256kB,24VDC,ARCNET,2xRS232/485,FBP SD-Card Slot,LCD Display |
| **Display Name:** | EC581-ARCNET-R01xx |

### Additional Information

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| **ABB Type Designation:** | EC581-ARCNET |
| **Ambient Air Temperature:** | Operation 0 ... +60 °C<br>Storage -40 ... +70 °C |
| **Arcnet:** | 1 |
| **BV Certificate:** | 1SAA960000-0201 |
| **CN8:** | 85389091 |
| **Communication:** | Serial and ARCNET interfaces for communication and programming |
| **Communication Interface:** | Serial/FBP/ARCNET |
| **Communication Speed:** | Speed for 1000 instructions of Logic = 0.05 0.05 ms<br>Speed for 1000 instructions of Word = 0.05 0.06 ms<br>Speed for 1000 instructions of Floating-point = 0.5 0.50 ms |
| **Country of Origin:** | Germany |
| **CS31-Bus:** | 1 |
| **CSA Certificate:** | 1SAA960000-1705 |
| **cUL Certificate:** | 1SAA960000-1705 |
| **Customs Tariff Number:** | 85389091 |
| **Data Sheet, Technical Information:** | 2CDC125002B0206 |
| **Declaration of Conformity - CE:** | 1SAD938502-0161 |
| **Degree of Protection:** | IP20 |
| **DESTO EGR:** | 05969 |

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| **Display Content Type:** | Text |
| **Display Type:** | LCD |
| **DNV Certificate:** | 1SAA960002-0302 |
| **EAN:** | 4016779653770 |
| **eClass:** | 27-24-22-07 |
| **Environmental Information:** | 1SAA960007-2402 |
| **Fieldbus Interface Type:** | ARCNET |
| **Frame Size:** | Undefined |
| **GL Certificate:** | 1SAA960004-0404 |
| **Gross Weight:** | 0.22 kg |
| **I/O Option:** | CPU with Local IO - on I/O-Bus |
| **Instructions and Manuals:** | 2CDC125017M0202 |
| **Invoice Description:** | EC581-ARCNET:AC500,Prog.Logic Controller |
| **LR Certificate:** | 1SAA960002-0503 |
| **Made To Order:** | No |
| **Maximum Number of Analog I/Os:** | 160AI, 160AO Local, max. 10 expansion modules |
| **Maximum Number of Digital I/Os:** | 320DI, 240DO/DC Local, max. 10 expansion modules |
| **Maximum Operating Altitude Permissible:** | 2000 m |
| **Memory Size User Data:** | 288 kB |
| **Memory Size User Program:** | 256 kB |
| **Memory Type User Data:** | Flash EPROM |
| **Memory Type User Program:** | Flash EPROM, non-volatile RAM, SD Card |
| **Minimum Order Quantity:** | 1 piece |
| **Mounting on DIN Rail:** | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| **Mounting Position:** | Horizontal, Vertical possible with derating |
| **Number of Display Lines:** | 1 |
| **Number of Function Keys:** | 8 |
| **Number of LEDs:** | 3 |
| **Order Multiple:** | 1 piece |
| **Power Supply:** | 24 V DC |
| **Primary Voltage:** | 24 V DC |
| **Product Depth:** | 72 mm |
| **Product Main Type:** | EC581 |
| **Product Name:** | Distributed Automation PLCs |
| **Product Net Depth / Length:** | 62 mm |
| **Product Net Height:** | 76 mm |
| **Product Net Weight:** | 0.16 kg |
| **Product Net Width:** | 67.5 mm |
| **Product Type:** | PLC-AC500 |
| **Programming Software:** | PS501-PROG Control Builder Plus |
| **Quote Only:** | No |
| **Real-time Clock:** | Yes |
| **Replacement Product ID (NEW):** | 1SAP140500R3260 |

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| **RINA Certificate:** | 1SAA960003-0803 |
| **RoHS Declaration:** | 1SAA960004-4406 |
| **Screen Color Capability:** | Monochrome |
| **Secondary Current:** | 0.2 A |
| **Selling Unit of Measure:** | piece |
| **Serial Port 1 Type:** | RS232 / RS485 configurable, Programing, Modbus Master or slave, ASCII, CS31 Master |
| **Serial Port 2 Type:** | RS232 / RS485 configurable, Programing, Modbus Master or slave, ASCII |
| **Short Description:** | EC581-ARCNET:AC500,Prog.Logic Controller |
| **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) |

## Categories

Products > PLC Automation > Legacy Products > AC500 > CPUs

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