

PRODUCT-DETAILS

DC551-CS31

DC551-CS31:S500, Bus Module 8DI/16DC



General Information

Extended Product Type	DC551-CS31
Product ID	1SAP220500R0001
ABB Type Designation	DC551-CS31
EAN	4016779649056
Catalog Description	DC551-CS31:S500, Bus Module 8DI/16DC
Long Description	DC551-CS31:S500, Bus Module 8DI/16DC DI:24VDC, DC:24VDC/0.5A, 1-wire CS31

Additional Information

ABB Type Designation	DC551-CS31
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C
Analog Inputs	0
Analog Outputs	0
CN8	85389091
CS31-Bus	1
Country of Origin	Germany (DE)
Customs Tariff Number	85389091
Degree of Protection	IP20
Delay Time (T)	0.1 ... 32 ms
EAN	4016779649056
EPLAN Catalog Tree	Electrical engineering / PLC / General

ETIM 7	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
Fieldbus Interface Type	CS31 Slave
Gross Weight	0.144 kg
I/O Option	Bus module with Onboard IO - 8DI / 16DC
Input Current	5 mA
Input Voltage (U _{in})	24 V DC
Input Voltage Type	DC
Invoice Description	DC551-CS31:S500,Bus Module 8DI/16DC
Made To Order	No
Maximum Hardware Counter Input Frequency	50 kHz
Maximum Number of Analog I/Os	32 AI, 32 AO
Maximum Number of Digital I/Os	240 DI, 240 DO
Maximum Operating Altitude Permissible	2000 m
Maximum Order Quantity	20 piece
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 Analog Configurable I/Os	0
Number of Digital Configurable I/Os	16
Number of Digital Inputs	8
Number of Digital Inputs DC 24V	8
Number of Digital Outputs	0
Number of Hardware Counters	2
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
Order Multiple	1 piece
Output	Transistor
Output Current	0.5 A
Output Voltage (U _{out})	24 V DC
Output Voltage Maximum	20.4 ... 28.8 V
Output Voltage Type	DC
Power Supply	24 V DC
Primary Voltage	24 V DC
Product Depth	72 mm
Product Main Type	DC551
Product Name	Distributed Automation I/Os
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Length	62 mm
Product Net Weight	0.12 kg
Product Net Width	67.5 mm
Product Type	PLC-AC500

Programming Software	AC500 Control Builder PS501-PROG
Quote Only	No
SCIP	49fce663-5a54-48fc-a00b-eb7246d1d2e8 Germany (DE)
Secondary Current	0.3 A
Selling Unit of Measure	piece
Serial Port 1 Type	CS31, RS485 interface
Serial Port 2 Type	I/O-Bus
Short Description	DC551-CS31:S500, Bus Module 8DI/16DC
Special Functions	Integrated Fast counter
Stocked At (Warehouses)	Menden, Germany Singapore, Singapore Hangzhou, China
Supply Voltage	24 ... 24 V DC
UNSPSC	32151705
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	27-24-26-07

Categories

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

