



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	
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	
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

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

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

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

Product Main Type	DC523
Product Name	Distributed Automation I/Os

External Classifications and Standards		
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		
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		

