



PRODUCT-DETAILS

CI542-DP

Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP)



General Information	
Extended Product Type	CI542-DP
Product ID	1SAP224200R0001
ABB Type Designation	CI542-DP
EAN	4016779866255
Catalog Description	Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP)
Long Description	CI542-DP: S500 Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules.

Ordering	
CN8	85389091
Invoice Description	Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.13 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.154 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	3ADR980140
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2010
RoHS Information	3ADR980140
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function	PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
Input Voltage Type	DC
Input Voltage (U_{in})	24 V DC
Input Current	5 mA
Delay Time (T)	0.1 ... 32 ms
Output	Transistor
Output Voltage Type	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

Additional Information	
Product Main Type	CI542
Product Name	Distributed Automation I/Os

External Classifications and Standards	
eClass	27-24-26-07
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 9	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 10	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

Environmental	
SCIP	233d78fe-0930-4291-82c6-6b1e1cc69d44 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 → Communication interface modules



