



PRODUCT-DETAILS

DX531

Digital input/output module. 8DI: 4DO: Relay: 0DC: 24 ... 230 V AC/DC 3 A (DX531)



General Information	
Extended Product Type	DX531
Product ID	1SAP245000R0001
ABB Type Designation	DX531
EAN	4016779650960
Catalog Description	Digital input/output module. 8DI: 4DO: Relay: 0DC: 24 ... 230 V AC/DC 3 A (DX531)
Long Description	DX531: S500 Digital input/output module. 8 DI: 115..230VAC. 4 DO relay: 230VAC 3A. 2-wire

Ordering	
CN8	85389091
Invoice Description	Digital input/output module. 8 DI: 115..230VAC. 4 DO relay: 230VAC 3A (DX531)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.151 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.175 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	3ADR980141
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2007
RoHS Information	3ADR980141
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function	8 DI: 115..230VAC. 4 DO relay: 230VAC 3A
Number of Analog Configurable I/Os	0
Number of Digital Inputs	8
Number of Digital Outputs	4
Number of Digital Configurable I/Os	0
Input Voltage Type	AC
Maximum Input Voltage	0 ... 265 V
Delay Time (T)	20 ... 20 ms
Output	Relay
Output Voltage Type	AC
Output Voltage (U _{out})	24 ... 230 V AC/DC
Output Current	3 A
Output Voltage Maximum	195.5 ... 276 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	DX531
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	c9bf362a-cc21-47fa-8a05-4084ee252c86 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

