



PRODUCT-DETAILS

# MATRIX-2-296

## MATRIX-2-296 ACE 2000 points, 96 devices



General Information	
Global Commercial Alias	MATRIX-2-296
Extended Product Type	MATRIX-2-296
Product ID	2CQG100117R1021
EAN	5391539126381
Catalog Description	MATRIX-2-296 ACE 2000 points, 96 devices
Long Description	MATRIX ACE (ASPECT Control Engine) with embedded ASPECT runtime engine and web UI, includes 2 EIA-485 ports, configurable for 9.6 to 115.2 kbps, capable of supporting upto a total of 96 devices (either MS/TP or TCP/IP) or 2,000 points. Support for 2 RS-485 protocols (BACnet MS/TP, Modbus RTU, AAM PUP or Teletrol TSC), and a maximum of 64 MS/TP devices per port. One RJ-45 10/100 MB Ethernet port with TCP/IP support for FT/Net, BACnet/IP, Modbus TCP and Cylon UC32.netK. Field upgrade-able to support a maximum of 2,500 points and 128 devices as a combination of either TCP/IP or MS/TP connections.

Technical	
Voltage Range	19.2 ... 28.8 V
	20 V-A
Communication Interface	IP, MS/TP

Number of Batteries	0
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Material Compliance

RoHS Information	CDOC1809
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20180301
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	-25 ... 50 °C
Degree of Protection	Housing IP20

Dimensions

Product Net Width	90 mm
Product Net Height	57 mm
Product Net Depth / Length	163 mm
Product Net Weight	0.3 kg
Dimension Diagram	9AKK108468A4469

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.4 kg

Certificates and Declarations

Declaration of Conformity - CE	CDOC1809
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Installation

Instructions and Manuals	MAN0155
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Popular Downloads

Data Sheet, Technical Information	DS0139 BDS0034
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Classifications

ETIM 8	EC011487 - Free programmable controller
ETIM 9	EC011487 - Free programmable controller

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	9032890090

**Categories**

Low Voltage Products and Systems → Building and Home Automation Solutions → Building Management Solutions → ASPECT  
Supervisory Building Control → Control Engines

