



 PRODUCT-DETAILS

07AI91

07AI91:AC31, Analog I/O, module



General Information

Extended Product Type	07AI91
Product ID	GJR5251600R0202
ABB Type Designation	07AI91
EAN	4013614267635
Catalog Description	07AI91:AC31, Analog I/O, module
Long Description	07AI91:AC31, Analog I/O, module 8AI, 24VDC, U/I/RTD, 8/12bit+Sign, 1/3-wire, CS31

Additional Information

ABB Type Designation	07AI91
ABS Certificate	1SAA960000-0102
Ambient Air Temperature	Operation 0 ... +55 °C Storage -25 ... +75 °C
Analog Inputs	8 channels, thermocouple (J,K,S), PT100, PT1000, -50 ... +50mV, -500 ... +500mV, -5 ... +5V, -10 ... +10V, 0 ... 20mA, 12 bit+sign
CN8	85389091
CS31-Bus	1
CSA Certificate	1SAA960000-1102
Cable Cross-Section	0.08 ... 1.5 mm ²
Country of Origin	Germany (DE)

	Spain (ES)
Customs Tariff Number	85389091
DNV Certificate	1SAA960000-0304
Data Sheet, Technical Information	2CDC122023D0202
Declaration of Conformity - CE	1SAD938505-0047
Degree of Protection	IP20
EAN	4013614267635
Environmental Information	1SAA960001-2401
Fieldbus Interface Type	CS31 Slave
Frame Size	Undefined
GL Certificate	1SAA960000-0401
Gross Weight	0.48 kg
I/O Option	Bus module with Onboard IO - 8AI
Instructions and Manuals	2CDC120059M0202
Invoice Description	07AI91:AC31,Analog I/O, module
LR Certificate	1SAA960000-0502
Made To Order	No
Maximum Operating Altitude Permissible	2000 m
Minimum Order Quantity	1 piece
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Number of Analog Configurable I/Os	0
Order Multiple	1 piece
Primary Voltage	24 V
Product Depth	85 mm
Product Main Type	07AI91
Product Name	Distributed Automation I/O
Product Net Depth / Length	85 mm
Product Net Height	140 mm
Product Net Weight	0.48 kg
Product Net Width	120 mm
Product Type	PLC-AC31-90
Quote Only	No
RINA Certificate	1SAA960000-0802
RMRS Certificate	1SAA960000-0702
RoHS Information	1SAA960005-4401
RoHS Status	No declaration needed
Selling Unit of Measure	piece
Serial Port 1 Type	RS-485, CS31
Short Description	1/3-wire,CS31
Stocked At (Warehouses)	Wickliffe, Ohio, United States New Berlin,Wisconsin, United States
Supply Voltage	24 V DC
Terminal Type	Screw Terminals, Pluggable
UL Certificate	1SAA960000-1602
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

PLC Automation → Legacy products → AC31 and previous series → AC31 I/Os and previous series

