07AC91

07AC91:AC31,Analog I/O module

General Information

Extended Product Type	07AC91
Product ID	GJR5252300R0101
ABB Type Designation	07AC91
EAN	4013614267666
Catalog Description	07AC91:AC31,Analog I/O module
Long Description	07AC91:AC31,Analog I/O module 8AC,24VDC,AC:U/I,12bit+Sign,1-wire

Ordering

EAN	4013614267666
Minimum Order Quantity	1 piece
Customs Tariff Number	85389091

Dimensions

Product Net Width	120 mm
Product Net Height	140 mm
Product Net Length	85 mm
Product Net Weight	0.81 kg

Environmental

Ambient Air Temperature	Operation 0 ... +55 °C Storage -25 ... +75 °C
Maximum Operating Altitude Permissible	2000 m
RoHS Status	No declaration needed

Additional Information

Analog Inputs	2 modes selectable: 8AI/8AO (12 bit) or 16 channels by pair selectable as AI or AO (8 bit) with -10 ... +10V, 0 ... 20mA, 4 … 20mA
Analog Outputs	2 modes selectable: 8AI/8AO (12 bit) or 16 channels by pair selectable as AI or AO (8 bit) with -10 ... +10V, 0 ... 20mA, 4 … 20mA
Cable Cross-Section	0.08 ... 1.5 mm²
CS31-Bus	1
Degree of Protection	IP20

Fieldbus Interface Type	CS31 Slave
I/O Option	Bus module with Onboard IO - 16AC
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	16
Order Multiple	1 piece
Primary Voltage	24 V
Product Main Type	07AC91
Product Name	Distributed Automation I/O
Product Type	PLC-AC31-90
Serial Port 1 Type	RS-485, CS31
Special Functions	Thermocouple inputs
Supply Voltage	24 V DC
Terminal Type	Screw Terminals, Pluggable

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Certificates and Declarations (Document Number)

ABS Certificate	1SAA960000-0102
CSA Certificate	1SAA960000-1102
Data Sheet, Technical Information	2CDC122004D0201
Declaration of Conformity - CE	1SAD938505-0047
DNV Certificate	1SAA960000-0304
Environmental Information	1SAA960001-2401
GL Certificate	1SAA960000-0401
Instructions and Manuals	2CDC120059M0202
LR Certificate	1SAA960000-0502
RINA Certificate	1SAA960000-0802
RMRS Certificate	1SAA960000-0702
RoHS Information	1SAA960005-4401
UL Certificate	1SAA960000-1602

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Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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Categories

Low Voltage Products and Systems → Control Products → Programmable Logic Controllers PLCs → Distributed Automation I/Os