

GJR5253000R0200



07KT97 PLC Central unit, 24V DC

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General Information

Product ID	GJR5253000R0200
ABB Type Designation	07KT97
Catalog Description	07KT97 PLC Central unit, 24V DC

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85371091

Dimensions

Product Net Weight	5.71 kg
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Environmental

Ambient Air Temperature	Operation 0 ... +55 °C Storage -25 ... +75 °C
RoHS Status	No declaration needed

Additional Information

Analog Inputs	8 channels, 0 ... +5V, -5 ... +5V, 10 bit +sign, 0 ... +10V, -10 ... +10V, 11 bit+sign, 0 ... 20mA, 4 ... 20mA, PT100 (2 or 3 wire), 12 bit, bipolar, the analog inputs are also usable as digital inputs
Analog Outputs	4 channels, -10 ... +10V, 11 bit+sign, 0 ... 20mA, 12 bit
CS31-Bus	1
Gross Volume	6.142 dm ³
Maximum Hardware Counter Input Frequency	50 kHz
Maximum Number of Analog I/Os	232 AI, 228 AO
Maximum Number of Digital I/Os	1024
Medium Description	07KT97
Memory Size User Data	256 kB
Memory Size User Program	480 kB
Memory Type User Data	Flash EPROM
Memory Type User Program	Flash EPROM, non-volatile RAM, SMC
Number of Analog Configurable I/Os	0
Number of Digital Configurable I/Os	8

Number of Digital Inputs DC 24V	24
Number of Digital Outputs DC 24V	16
Number of Hardware Counters	2
Order Multiple	1 piece
Output Current	0.5 A
Output Voltage (U _{out})	24 V DC
Parallel Extension	1
Primary Voltage	24 V
Product Main Type	07KT97
Product Name	07KT97 PLC Central unit, 24V DC
Product Type	Spare_Parts
Programming Software	AC1131
Real-time Clock	Yes
Serial Port 1 Type	RS232 / Programing, Modbus Master or slave
Serial Port 2 Type	RS232 / Modbus Master or slave, ASCII
Speed for 1000 instructions (65% Logic, 35% Word)	0.3 ms
Terminal Type	Screw Terminals, Pluggable

Certificates and Declarations (Document Number)

ABS Certificate	1SAA960000-0101
CSA Certificate	1SAA960000-1102
Data Sheet, Technical Information	2CDC121008D0202
Declaration of Conformity - CE	1SAD938504-0047
Environmental Information	1SAA960001-2401
GL Certificate	1SAA960001-0403
Instructions and Manuals	2CDC121008D0202
LR Certificate	1SAA960000-0502
RMRS Certificate	1SAA960000-0701
RoHS Information	1SAA960003-4401
UL Certificate	1SAA960000-1601

Classifications

Object Classification Code	K
WEEE Category	Product Not in WEEE Scope

Categories

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

PLC Automation → Legacy products → AC31 and previous series → AC31 PLCs and previous series