




---

 PRODUCT-DETAILS

# GJR5253000R0200

## 07KT97 PLC Central unit, 24V DC

---

**General Information**

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

---

**Additional Information**

ABB Type Designation	07KT97
ABS Certificate	1SAA960000-0101
Ambient Air Temperature	Operation 0 ... +55 °C Storage -25 ... +75 °C
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
Core Credit	0.00
Country of Origin	Germany (DE)
CS31-Bus	1
CSA Certificate	1SAA960000-1102
Customs Tariff Number	85371091
Data Sheet, Technical Information	2CDC121008D0202
Declaration of Conformity - CE	1SAD938504-0047
eClass	27-24-22-07
Environmental Information	1SAA960001-2401
Frame Size	Spare_Parts
GL Certificate	1SAA960001-0403
Gross Volume	6.142 dm <sup>3</sup>
Gross Weight	5.71 kg
Instructions and Manuals	2CDC121008D0202
Invoice Description	07KT97 PLC Central unit, 24V DC
LR Certificate	1SAA960000-0502

Made To Order	No
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
Minimum Order Quantity	1 piece
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
Object Classification Code	K
Order Multiple	1 piece
Output Current	0.5 A
Output Voltage (U <sub>out</sub> )	24 V DC
Package Level 1 Gross Weight	1.05 kg
Package Level 1 Units	1 case
Parallel Extension	1
Part Type	New
Primary Voltage	24 V
Product Depth	85 mm
Product Main Type	07KT97
Product Name	07KT97 PLC Central unit, 24V DC
Product Net Weight	5.71 kg
Product Type	Spare_Parts
Programming Software	AC1131
Quote Only	No
Real-time Clock	Yes
RMRS Certificate	1SAA960000-0701
RoHS Information	1SAA960003-4401
RoHS Status	No declaration needed
Selling Unit of Measure	piece
Serial Port 1 Type	RS232 / Programing, Modbus Master or slave
Serial Port 2 Type	RS232 / Modbus Master or slave, ASCII
Short Description	07KT97:AC31,Prog.Logic Controller 480KB
Speed for 1000 instructions (65% Logic, 35% Word)	0.3 ms
Stocked At (Warehouses)	Menden, Germany Ladenburg, Germany
Terminal Type	Screw Terminals, Pluggable
UL Certificate	1SAA960000-1601

UNSPSC	32151705
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 PLCs and previous series