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 PRODUCT-DETAILS

# GJR5253000R0270

## 07 KT 97 central processing unit

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**General Information**

Product ID	GJR5253000R0270
ABB Type Designation	07KT97
Catalog Description	07 KT 97 central processing unit

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**Additional Information**

ABB Type Designation	07KT97
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
CS31-Bus	1
Country of Origin	Germany (DE)
Customs Tariff Number	85371091
Data Sheet, Technical Information	2CDC121008D0202
Declaration of Conformity - CE	1SAD938504-0047
Environmental Information	1SAA960001-2401
Fieldbus Interface Type	Ethernet TCP/IP
Frame Size	Spare_Parts
Gross Volume	5.919 dm <sup>3</sup>
Gross Weight	5.4 kg
Instructions and Manuals	2CDC121008D0202
Invoice Description	07 KT 97 central processing unit
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
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	1.1 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	07 KT 97 central processing unit
Product Net Weight	5.4 kg
Product Type	Spare_Parts
Programming Software	AC1131
Quote Only	No
RMRS Certificate	1SAA960000-0701
Real-time Clock	Yes
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-ETH:AC31,Prog.Logic Controller
Speed for 1000 instructions (65% Logic, 35% Word)	0.3 ms
Stocked At (Warehouses)	Menden, Germany Ladenburg, Germany
Terminal Type	Screw Terminals, Pluggable

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## Categories

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