

PRODUCT-DETAILS

07KT97-DP

07KT97-DP:AC31,Prog.Logic Controller



General Information

Extended Product Type	07KT97-DP
Product ID	GJR5253000R0220
ABB Type Designation	07KT97-DP
Catalog Description	07KT97-DP:AC31,Prog.Logic Controller
Long Description	07KT97-DP:AC31,Prog.Logic Controller 480KB,24VDC,2xRS232,CS31,Profibus-DP 24DI/16DO/8DC/8AI/4AO,DI/O/DC:24VDC/0.5A

Additional Information

ABB Type Designation	07KT97-DP
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
CN8	85371091
CS31-Bus	1
CSA Certificate	1SAA960000-1102
Country of Origin	Germany (DE) Spain (ES)
Customs Tariff Number	85371091
Data Sheet, Technical Information	2CDC121008D0202

Declaration of Conformity - CE	1SAD938504-0047
Environmental Information	1SAA960001-2401
Fieldbus Interface Type	Profibus DP master or Slave
GL Certificate	1SAA960001-0403
Gross Weight	2.25 kg
Instructions and Manuals	2CDC121008D0202
Invoice Description	07KT97-DP:AC31,Prog.Logic Controller
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
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
Order Multiple	1 piece
Output Current	0.5 A
Output Voltage (U _{out})	24 V DC
Parallel Extension	1
Primary Voltage	24 V
Product Depth	85 mm
Product Main Type	07KT97
Product Name	Distributed Automation PLC
Product Net Height	140 mm
Product Net Length	85 mm
Product Net Weight	2.25 kg
Product Net Width	230 mm
Product Type	PLC-AC31-40/50
Profibus	1
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	24DI/16DO/8DC/8AI/4AO,DI/O/DC:24VDC/0.5A
Software GSD for	1SAS100001R1000

Profibus	
Speed for 1000 instructions (65% Logic, 35% Word)	0.3 ms
Stocked At (Warehouses)	Menden, Germany Singapore, Singapore
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)
eClass	27-24-22-07

Categories

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

