

PRODUCT-DETAILS

07KT97-ARCNET

07KT97-ARCNET:AC31,Prog.Logic Controller



General Information

Extended Product Type	07KT97-ARCNET
Product ID	GJR5253000R0260
ABB Type Designation	07KT97-ARCNET
Catalog Description	07KT97-ARCNET:AC31,Prog.Logic Controller
Long Description	07KT97-ARCNET:AC31,Prog.Logic Controller 480KB,24VDC,2xRS232,CS31,ARCNET,24DI 16DO/8DC/8AI/4AO,DI/DO/DC:2 4VDC/0.5A

Additional Information

ABB Type Designation	07KT97-ARCNET
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
Arcnet	1
CN8	85371091
CS31-Bus	1
Country of Origin	Germany (DE) Spain (ES)
Customs Tariff Number	85371091
Data Sheet, Technical	2CDC121008D0202

Information		
Declaration of Conformity - CE	1SAD938504-0047	
Environmental Information	1SAA960001-2401	
Fieldbus Interface Type	ARCNET	
GL Certificate	1SAA960001-0403	
Gross Weight	2.85 kg	
Instructions and Manuals	2CDC121008D0202	
Invoice Description	07KT97-ARCNET: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	2.85 kg	
Product Net Width	230 mm	
Product Type	PLC-AC31-40/50	
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-ARCNET:AC31,Prog.Logic Controller	
Speed for 1000 instructions (65% Logic,	0.3 ms	

35% Word)		
Stocked At (Warehouses)	Menden, Germany Singapore, Singapore	
Terminal Type	Screw Terminals, Pluggable	
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

