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 PRODUCT-DETAILS

# 07CR42-24VDC

## 07CR42:AC31, PLC 8DI/6DO-Rel./3AI, 34kB,




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**General Information**

Extended Product Type	07CR42-24VDC
Product ID	1SBP260023R1001
ABB Type Designation	07CR42
Catalog Description	07CR42:AC31, PLC 8DI/6DO-Rel./3AI, 34kB,
Long Description	07CR42:AC31, PLC 8DI/6DO-Rel./3AI, 34kB, 24VDC

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**Additional Information**

ABB Type Designation	07CR42
Ambient Air Temperature	Operation 0 ... +55 °C Storage -40 ... +75 °C
Analog Inputs	3
Battery Type	Portable
CN8	85371091
Country of Origin	France (FR)
Customs Tariff Number	85371091
Data Sheet, Technical Information	1SBC260400R1001
Declaration of Conformity - CE	1SBD240560C1000

Environmental Information	1SBD240023E1000
Frame Size	Undefined
Gross Weight	0.8 kg
Instructions and Manuals	1SBC260400R1001
Invoice Description	07CR42:AC31, PLC 8DI/6DO-Rel./3AI, 34kB,
Made To Order	No
Maximum Hardware Counter Input Frequency	7 kHz
Maximum Number of Analog I/Os	51 AI
Maximum Number of Digital I/Os	110
Maximum Operating Altitude Permissible	2000 m
Memory Size	34 kB
Memory Size User Data	4.4 kB
Memory Size User Program	34 kB
Memory Type User Data	non-volatile RAM
Memory Type User Program	Flash EPROM
Minimum Order Quantity	1 piece
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Number of Digital Inputs DC 24V	8
Number of Digital Output Relays	6
Number of Hardware Counters	2
Order Multiple	1 piece
Output Current	2 A
Output Voltage (U <sub>out</sub> )	24 V DC
Parallel Extension	1
Primary Voltage	24 V DC
Product Depth	84 mm
Product Main Type	07CR42
Product Name	Distributed Automation PLCs
Product Net Depth / Length	85 mm
Product Net Height	93 mm
Product Net Weight	0.35 kg
Product Net Width	120 mm
Product Type	PLC-AC31-40/50
Programming Software	AC31GRAPH, 907AC1131
Quote Only	No
Real-time Clock	Yes
Selling Unit of Measure	piece
Serial Port 1 Type	PR,MODBUS
Short Description	07CR42:AC31, PLC 8DI/6DO-Rel./3AI, 34kB, 24VDC
Speed for 1000 instructions (65% Logic, 35% Word)	1.2 ms
Stocked At (Warehouses)	Menden, Germany
Supply Voltage	DC 24 V
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

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## Categories

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

