



 PRODUCT-DETAILS

07KR51-230VAC

07CR41:AC31,PLC 8DI/6DO-Rel., 34kB.24VDC



General Information

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| Extended Product Type | 07KR51-230VAC |
| Product ID | 1SBP260511R1001 |
| ABB Type Designation | 07KR51 |
| Catalog Description | 07CR41:AC31,PLC 8DI/6DO-Rel., 34kB.24VDC |
| Long Description | 07KT51:AC31,PLC 8DI/6DO-Trans.34kB, 24VDC, Spring |

Additional Information

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| ABB Type Designation | 07KR51 |
| Ambient Air Temperature | Operation 0 ... +55 °C Storage -40 ... +75 °C |
| Battery Type | Portable |
| CN8 | 85371091 |
| CS31-Bus | 1 |
| Country of Origin | France (FR) |
| Customs Tariff Number | 85389099 |
| DNV Certificate | DNV_A-8389 |
| Data Sheet, Technical | 1SBC260400R1001 |

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| Information | |
| Declaration of Conformity - CE | 1SBD240550C1000 |
| Environmental Information | 1SBD240011E1000 |
| Frame Size | Undefined |
| Gross Weight | 0.35 kg |
| Instructions and Manuals | 1SBC260400R1001 |
| Invoice Description | 07CR41:AC31,PLC 8DI/6DO-Rel., 34kB,24VDC |
| LR Certificate | LR_00-20009-E1 |
| Made To Order | No |
| Maximum Hardware Counter Input Frequency | 7 kHz |
| Maximum Number of Analog I/Os | 258 AI, 224AO |
| Maximum Number of Digital I/Os | 1000 |
| 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 _{out}) | 230 V AC/DC |
| Parallel Extension | 1 |
| Primary Voltage | 120 / 230 V AC |
| Product Depth | 84 mm |
| Product Main Type | 07KR51 |
| Product Name | Distributed Automation PLCs |
| Product Net Depth / Length | 85 mm |
| Product Net Height | 93 mm |
| Product Net Weight | 0.29 kg |
| Product Net Width | 65 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 |
| Serial Port 2 Type | CS31,MODBUS |
| Short Description | 07KT51:AC31,PLC 8DI/6DO-Trans.34kB, 24VDC, Spring |

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|---|--|
| Speed for 1000 instructions (65% Logic, 35% Word) | 1.2 ms |
| Stocked At (Warehouses) | Menden, Germany |
| Supply Voltage | AC 120 / 230 V |
| UL Certificate | UL_E134045 Vol3 Sec2 |
| 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

