

SIMATIC ET 200PRO DSE ST

# Product Data Sheet

**3RK1304-5KS40-4AA0**

Direct-on-line motor starter

| MAIN-CIRCUIT POLES | RATED OPERATING VOLTAGE | PERMISSIBLE AC OPERATING RANGE | OVERLOAD RESPONSE RANGE |
|--------------------|-------------------------|--------------------------------|-------------------------|
| 3                  | 200 to 400 V AC         | 200 to 440 V at 50 Hz          | 0.15 to 2 A             |

Siemens 3RK1304-5KS40-4AA0 is a SIMATIC ET 200pro DSE ST direct-on-line motor starter for distributed industrial motor control. The standard configuration switches three-phase loads and provides electronic overload protection for motors within its documented current range.

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## VERIFIED TECHNICAL DATA

|                                 |                       |
|---------------------------------|-----------------------|
| Main-circuit poles              | 3                     |
| Rated operating voltage         | 200 to 400 V AC       |
| Permissible AC operating range  | 200 to 440 V at 50 Hz |
| Overload response range         | 0.15 to 2 A           |
| Rated AC-3 current at 400 V     | 2 A                   |
| Rated AC-3 power at 400 V       | 0.9 kW                |
| Control supply range            | 20.4 to 28.8 V DC     |
| Rated insulation voltage        | 400 V                 |
| Rated surge withstand voltage   | 6 kV                  |
| Short-circuit breaking capacity | 100 kA at 400 V       |

## ADDITIONAL PRODUCT DATA

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|                         |                             |
|-------------------------|-----------------------------|
| Mechanical contact life | 30,000,000 operating cycles |
| Ingress protection      | IP65                        |
| Shock resistance        | 15g / 11 ms                 |
| Operating temperature   | -25 to +55 deg C            |
| Storage temperature     | -40 to +70 deg C            |

## DOCUMENTED USE SETTINGS

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Industrial Manufacturing and Component Production: Automated Component Manufacturing.

Food Processing and Beverage Manufacturing: Food Production and Packaging.

Automotive Manufacturing and Production Processing: Vehicle Assembly and Production.

## SYSTEM COMPATIBILITY

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3RK1304-5KS40-4AA0 belongs to the SIMATIC ET 200pro DSE ST family and provides the documented direct-on-line motor starter function. Its main-circuit poles is 3; match this characteristic to the connected equipment and the project configuration.

## PRODUCT EVIDENCE

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Siemens SIMATIC ET 200pro DSE ST manufacturer documentation; applicable pages 1, 2, 3

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