SIEMENS

Product data sheet

3RV2011-1HA25



CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-RELEASE 5.5...8A, N-RELEASE 104A, SPRING-L. CONNECTION, STANDARD SW. CAPACITY W. TRANSVERSE AUX. SWITCH 1NO+1NC

| General technical data: | | |
|--|----|----------------------|
| Product brand name | | SIRIUS |
| product designation | | 3RV2 circuit breaker |
| Size of the circuit-breaker | | S00 |
| Trip class | | CLASS 10 |
| Protection class IP / on the front | | IP20 |
| Degree of pollution | | 3 |
| Installation altitude / at a height over sea level / maximum | m | 2,000 |
| Ambient temperature | | |
| during storage | °C | -50 80 |
| during operating | °C | -20 60 |
| during transport | °C | -50 80 |
| Resistance against shock | | 25g / 11 ms |
| Impulse voltage resistance / rated value | kV | 6 |
| Insulation voltage / rated value | V | 690 |
| Active power loss / total / typical | W | 7.3 |
| Item designation | | |
| according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 | | F |
| according to DIN EN 61346-2 | | F |

| • of the main contacts / typical100,000Design of the auxiliary workin100,000Type of the driving mechanism / motor driveNoDesign of the operating mechanism / motor driveNoDesign of the operating mechanism / motor driveNoProduct functionYes• workinda protectionYes• workinda protectionNo• hanse disturbance recognitionYes• workinda protectionNo• underworking release mechanismNo• underworking release mechanismNo• underworking / protectionNo• underworking / protectionNo• underworking / art AC-3 (rated value / maximum)NoProduct droving / art AC-3 / at 400 V / rated valueAOperating durient / at AC-3 / at 400 V / rated valueA• at 400 V / rated valueW• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith• drover / at AC-3 / according to EC 60947-62-1Ith <t< th=""><th>Mechanical operating cycles as operating time</th><th>-</th><th></th></t<> | Mechanical operating cycles as operating time | - | |
|---|---|-----|-----------------|
| Design of the auxiliary switchIdentifyType of the driving mechanism / motor driveNoDesign of the operating mechanismIdentifyProduct functionYes• overload protectionYes• phase disturbance recognitionYesProduct componentYes• undirevoltage release mechanismNo• indirevoltage release mechanismNo• orderout settension / optional / motor driveNoMain circuitNoNumber of poles / for main current circuitNoOperating current / at AC-3 / at 400 V / rated valueA• at 400 V / rated valueNo• at 400 V / rated valueNo• at 400 V / rated valueNo• at 600 V / rated valueNo• at 400 V / rated valueNo• at at 00 V / rated valueNo• at ong or potention / at AC-3 / according to IEC 60947-621Ith• at rated valueNo• of the non-delayed short-circuit release | of the main contacts / typical | | 100,000 |
| Type of the driving mechanism / motor drive No Design of the operating mechanism selector switch Product function Yes • verifoad protection Yes • phase disturbance recognition Yes Product component Yes • studingy switch Yes • undervoltage release mechanism No • trip indicator No Product extension / optional / motor drive No Main circuit: No Number of poles / for main current circuit 3 Operating outrage / at AC-3 / at 400 V / rated value A • at 400 V / rated value W • of the on | of the auxiliary contacts / typical | | 100,000 |
| Design of the operating mechanism selector switch Product function Yes • overload protection Yes • phase disturbance recognition Yes Product component Yes • auxiliary switch Yes • undervoltage release mechanism No • tip indicator No Product extension / optional / motor drive No Maln circuit: 3 Number of poles / for main current circuit 3 Operating voltage / at AC-3 / rated value / maximum V Service power / at AC-3 W • at 400 V / rated value A • at 400 V / rated value W • at 400 V / rated value | Design of the auxiliary switch | - | transverse |
| Product function Yes • overload protection Yes • phase disturbance recognition Yes Product component Yes • undervoltage release mechanism No • trip indicator No Product stension / optional / motor drive No Main circuit: No Number of poles / for main current circuit 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating voltage / at AC-3 / at 400 V / rated value A 6.5 Service power / at AC-3 W 3.000 • at 400 V / rated value W 3.000 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.500 • at 400 V / rated value W 5.58 | Type of the driving mechanism / motor drive | - | No |
| • overlad protectionYes• phase disturbance recognitionYesProduct componentYes• audilary switchNo• underroltage release mechanismNo• trip indicatorNoProduct extension / optional / motor driveNoProduct extension / optional / motor driveNoOperating current / at Ac-3 / rated value / maximumV600 / rated value / audie / maximumV900 / rated valueA001 / rated valueW900 / rated valueNo901 / rated valueW902 / rated valueW903 / rated valueW904 / rated valueW905 / rated valueW905 / rated valueW906 / rated valueW908 / rated valueW909 / rated valueW908 / rated valueW909 / rated valueW908 / rated valueW909 / rated valueW909 / rated valueW900 / rated valueInfo900 / rated valueInfo900 / rated valueSo< | Design of the operating mechanism | - | selector switch |
| • phase distribute recognitionImage: Second Sec | Product function | - | |
| Product component Image: Component • auxiliary switch Yes • undervoltage release mechanism No • trip indicator No Product extension / optional / motor drive No Main circuit: No Number of poles / for main current circuit 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating current / at AC-3 / rated value / maximum V 690 Operating current / at AC-3 / rated value A 6.5 Service power / at AC-3 | overload protection | | Yes |
| • auxiliary switchYes• undervoltage release mechanismNo• trip indicatorNoProduct extension / optional / motor driveNoProduct extension / optional / motor driveNoProduct extension / optional / motor driveNoMumber of poles / for main current circuit3Operating voltage / at AC-3 / rated value / maximumV990Operating current / at AC-3 / at 400 V / rated valueA6.5Service power / at AC-3V3,000• at 400 V / rated valueW3,000• of the non-deleyed short-circuit releaseA5,5 8Service power / at AC-3 / at 230 V / rated valueW1, | phase disturbance recognition | | Yes |
| • undervoltage release mechanismNo• trip indicatorNoProduct extension / optional / motor driveNoMain circuit:NoNumber of poles / for main current circuit3Operating voltage / at AC-3 / rated value / maximumV690Operating current / at AC-3 / rated value / maximumVservice power / at AC-3W• at 400 V / rated valueA• at 400 V / rated valueW• of the non-delayed short-circuit releaseA• of the non-delayed short-circuit releaseA• of the current-dependent overload releaseA• of the current / rated valueW• of the current / rated valueW• of the current / rated valueM• of the current / rated valueA• of the current / rated valueA | Product component | - | |
| • trip indicatorNoProduct extension / optional / motor driveNoMain circuit:NoNumber of poles / for main current circuit3Operating voltage / at AC-3 / rated value / maximumV690Operating current / at AC-3 / rated value / maximumV690Operating current / at AC-3 / rated value / maximumV690Operating current / at AC-3 / rated valueA6.5Service power / at AC-3W3,000• at 400 V / rated valueW3,000• at 400 V / rated valueW4,000• at 400 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximumTop and bottomAdjustable response currentITop and bottom• of the non-delayed short-circuit releaseA104 104• of the non-delayed short-circuit releaseA3• of the current / at AC-3 / at 230 V / rated valueW3,500Continuous current / rated valueM1,500Continuous current / rated valueYesNumber of NC contacts / for auxiliary contacts / instantaneous switchingYesNumber of NC contacts / for auxiliary contacts / instantaneous switchingYesNumber of No contacts / for auxiliary contacts0Operating current / of the auxiliary contacts0 | auxiliary switch | | Yes |
| Product extension / optional / motor drive No Main circuit: 3 Number of poles / for main current circuit 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating current / at AC-3 / at 400 V / rated value A 6.5 Service power / at AC-3 - - • at 400 V / rated value W 3,000 • at 400 V / rated value W 4,000 • at 600 V / rated value W 4,000 • at 600 V / rated value W 5,500 Frequency of operation / at AC-3 / according to IEC 60947-6-2 / at 690 V / rated value Top and bottom Arrangement of electrical connectors / for main current circuit Top and bottom Adjustable response current - - • of the non-delayed short-circuit release A 104 104 • of the current-dependent overload release A 5.5 8 Service power / at AC-3 / at 230 V / rated value W 1.500 Continuous current / rated value A 8 Auxiliary circuit: Yes 1 Product extension / auxiliary switch Yes 1 Nu | undervoltage release mechanism | | No |
| Main circuit: 3 Operating voltage / at AC-3 / rated value / maximum V 690 Operating current / at AC-3 / rated value / maximum V 690 Operating current / at AC-3 / at 400 V / rated value A 6.5 Service power / at AC-3 - - • at 400 V / rated value W 3.000 • at 400 V / rated value W 3.000 • at 600 V / rated value W 4.000 • at 600 V / rated value W 5.500 Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum 1/h Arrangement of electrical connectors / for main current circuit Top and bottom Adjustable response current - - • of the non-delayed short-circuit release A 104 104 • of the current-dependent overload release A 5.5 8 Service power / at AC-3 / at 230 V / rated value W 1.500 Continuous current / rated value Yes 1 Auxiliary circuit: Yes 1 Product extension / auxiliary contacts / instantaneous switching 1 1 Number of NO contacts / for auxiliary contacts / instantaneous swit | • trip indicator | | No |
| Number of poles / for main current circuit3Operating voltage / at AC-3 / rated value / maximumV690Operating current / at AC-3 / at 400 V / rated valueA6.5Service power / at AC-3W3,000• at 400 V / rated valueW3,000• at 600 V / rated valueW4,000• at 600 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response current • of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueW1,500Mumber of NC contacts / for auxiliary contacts / instantaneous switchingYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NC contacts / for auxiliary contacts / instantaneous switching0Number of NC contacts / for auxiliary contacts / instantaneous switching0 | Product extension / optional / motor drive | | No |
| Operating voltage / at AC-3 / rated value / maximumV690Operating current / at AC-3 / at 400 V / rated valueA6.5Service power / at AC-3W3,000• at 400 V / rated valueW3,000• at 500 V / rated valueW4,000• at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximumTop and bottomArrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentV1,500• of the non-delayed short-circuit releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueW1,500Arxillary circuit:YesProduct extension / auxillary switchYesNumber of NC contacts / for auxillary contacts / instantaneous switching1Number of NO contacts / for auxillary contacts / instantaneous switching0Operating current / of the auxillary contactsG | Main circuit: | | |
| Operating current / at AC-3 / at 400 V / rated valueA6.5Service power / at AC-3W3,000• at 400 V / rated valueW3,000• at 500 V / rated valueW3,000• at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentITop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW3.000Arxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contacts0 | Number of poles / for main current circuit | | 3 |
| Service power / at AC-3W• at 400 V / rated valueW• at 500 V / rated valueW• at 690 V / rated valueW• at 690 V / rated valueW• at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/hArrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentImage: Content of the non-delayed short-circuit releaseA• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary contacts / instantaneous switching1Number of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching0Operating current / of the auxiliary contactsG | Operating voltage / at AC-3 / rated value / maximum | V | 690 |
| • at 40 V / rated valueW3,000• at 500 V / rated valueW4,000• at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentITop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts0Number of ND contacts / for auxiliary contacts0Number of hange-over switches / for auxiliary contacts0Number of hange-over switches / for auxiliary contacts0 | Operating current / at AC-3 / at 400 V / rated value | A | 6.5 |
| • at 500 V / rated valueW4,000• at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentTop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contacts60 | Service power / at AC-3 | - | |
| • at 690 V / rated valueW5,500Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentTop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueW1,500Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contactsIOperating current / of the auxiliary contactsI | • at 400 V / rated value | W | 3,000 |
| Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum1/h15Arrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentTop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8YesNumber of NC contacts / for auxiliary contacts / instantaneous switchingNumber of NO contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contacts6 | • at 500 V / rated value | W | 4,000 |
| maximumImage: maximumImage: maximumArrangement of electrical connectors / for main current circuitTop and bottomAdjustable response currentTop and bottom• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching0Number of change-over switches / for auxiliary contactsG0 | • at 690 V / rated value | W | 5,500 |
| Adjustable response currentAdjustable response current• of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contactsI | | 1/h | 15 |
| • of the non-delayed short-circuit releaseA104 104• of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:Product extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching0Number of change-over switches / for auxiliary contacts0 | Arrangement of electrical connectors / for main current circuit | - | Top and bottom |
| • of the current-dependent overload releaseA5.5 8Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching0Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contactsI | Adjustable response current | - | |
| Service power / at AC-3 / at 230 V / rated valueW1,500Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching1Number of change-over switches / for auxiliary contacts0Operating current / of the auxiliary contactsI | of the non-delayed short-circuit release | А | 104 104 |
| Continuous current / rated valueA8Auxiliary circuit:YesProduct extension / auxiliary switchYesNumber of NC contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching1Number of NO contacts / for auxiliary contacts / instantaneous switching0Operating current / of the auxiliary contactsI | of the current-dependent overload release | А | 5.5 8 |
| Auxiliary circuit: Yes Product extension / auxiliary switch Yes Number of NC contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 0 Operating current / of the auxiliary contacts 0 | Service power / at AC-3 / at 230 V / rated value | W | 1,500 |
| Product extension / auxiliary switch Yes Number of NC contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 0 Number of change-over switches / for auxiliary contacts 0 Operating current / of the auxiliary contacts 1 | Continuous current / rated value | А | 8 |
| Number of NC contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 0 Number of change-over switches / for auxiliary contacts 0 Operating current / of the auxiliary contacts 0 | Auxiliary circuit: | | |
| switching 1 Number of NO contacts / for auxiliary contacts / instantaneous switching 1 Number of change-over switches / for auxiliary contacts 0 Operating current / of the auxiliary contacts 0 | Product extension / auxiliary switch | | Yes |
| switching 0 Number of change-over switches / for auxiliary contacts 0 Operating current / of the auxiliary contacts 0 | - | | 1 |
| Operating current / of the auxiliary contacts | | | 1 |
| | Number of change-over switches / for auxiliary contacts | | 0 |
| • at AC-12 / maximum A 2.5 | Operating current / of the auxiliary contacts | | |
| | • at AC-12 / maximum | А | 2.5 |

| • at AC-15 | | |
|------------|---|------|
| • at 24 V | А | 2 |
| • at 230 V | А | 0.5 |
| • at DC-13 | | |
| • maximum | А | 1 |
| • at 24 V | А | 1 |
| • at 60 V | А | 0.15 |

0

Inputs/ Outputs:

Number of digital inputs

| Short-circuit: | | |
|---|---|--|
| Breaking capacity limit short-circuit current (lcu) | | |
| • at 400 V / rated value | А | 100,000 |
| • at 500 V / rated value | А | 42,000 |
| • at 690 V / rated value | А | 6,000 |
| Design of the fuse link / for short-circuit protection of the auxiliary switch / required | | Fuse gL/gG: 10 A, miniature circuit breaker C 6 A (short-circuit current Ik < 400 A) |
| Design of the overcurrent release and short-circuit release | | thermomagnetic |

| Installation/mounting/dimensions: | | | |
|---|----|--|--|
| Built in orientation | | any | |
| Type of mounting | | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 | |
| Width | mm | 45 | |
| Height | mm | 109 | |
| Depth | mm | 91 | |
| Distance, to be maintained, to the ranks assembly | | | |
| • forwards | mm | 0 | |
| backwards | mm | 0 | |
| • upwards | mm | 50 | |
| downwards | mm | 50 | |
| • sidewards | mm | 0 | |
| Distance, to be maintained, to earthed part | | | |
| • forwards | mm | 0 | |
| backwards | mm | 0 | |
| • upwards | mm | 50 | |
| • sidewards | mm | 30 | |
| downwards | mm | 50 | |
| Distance, to be maintained, conductive elements | | | |
| forwards | mm | 0 | |
| backwards | mm | 0 | |

| • upwards | mm | 50 | |
|--|----|-------------------------|--|
| downwards | mm | 50 | |
| • sidewards | mm | 30 | |
| Connections: | | | |
| Product function | | | |
| removable terminal for main circuit | | No | |
| removable terminal for auxiliary and control circuit | | No | |
| Design of the electrical connection | | | |
| for main current circuit | | spring-loaded terminals | |
| for auxiliary and control current circuit | | spring-loaded terminals | |
| Type of the connectable conductor cross-section | | | |
| for main contacts | | | |
| • solid | | 2x (0.5 4 mm2) | |
| • stranded | | 2x (0.5 4 mm²) | |
| finely stranded | | | |
| with conductor end processing | | 2 x (0.5 2.5 mm2) | |
| without conductor final cutting | | 2x (0.5 2.5 mm2) | |
| for AWG conductors / for main contacts | | 2x (20 12) | |
| for auxiliary contacts | | | |
| • solid | | 2x (0.5 2.5 mm2) | |
| finely stranded | | | |
| with conductor end processing | | 2x (0.5 1.5 mm2) | |
| without conductor final cutting | | 2 x (0.5 1.5 mm2) | |
| for AWG conductors / for auxiliary contacts | | 2x (20 14) | |
| Certificates/approvals: | | | |
| Verification of suitability | | CE / UL / CSA | |
| für Staubexplosionsschutz für Zone 21/22 | | no | |
| for gas explosion protection for zone 1/2 | | no | |

| General Product Approval | | | For use in hazardous locations | | |
|--|------------------------|-----------------------------|--------------------------------|----------------------------------|------|
| Cac | (SP) | ROSTEST | | <u>DEKRA EXAM,</u> <u>DMT</u> | |
| cqc | CSA | | | | |
| Test Certificates | | | | | |
| Manufacturer | other | | | | |
| Shipping Approv | al | | | | |
| ABS | GL | Llovd's Kegister | PRS | RINA | RMRS |
| other | | | | | |
| Manufacturer | <u>other</u> | UDE VDE | | | |
| UL/CSA ratings | | | | | |
| yielded mechanica | l performance (hp) | | | | |
| for single-phase | e squirrel cage motors | 3 | | | |
| • at 110/120 V | / rated value | | hp | 0.333 | |
| • at 230 V / rat | ed value | | hp | 1 | |
| for three-phase | squirrel cage motors | | | | |
| • at 200/208 V | / rated value | | hp | 2 | |
| • at 220/230 V | / rated value | | hp | 2 | |
| • at 460/480 V | / rated value | | hp | 5 | |
| • at 575/600 V | / rated value | | hp | 5 | |
| Operating current | (FLA) / for three-pha | ase squirrel cage motors | | | |
| • at 480 V / rated | value | | А | 7.6 | |
| • at 600 V / rated | value | | А | 6.1 | |
| Contact rating des UL | ignation / for auxilia | ary contacts / according to | | C300 / R300 | |
| Safety: | | | | | |
| B10 value / with high | gh demand rate | | | | |
| according to SN 31920 | | | 50,000 | | |
| T1 value / for proof test interval or service life | | | | | |
| according to IEC | C 61508 | | а | 10 | |
| | | | | | |

| according to SN 31920 | FIT |
|---|-----|
| Proportion of dangerous failures | |
| • with low demand rate / according to SN 31920 | % |
| with high demand rate / according to SN 31920 | % |
| | |

Failure rate (FIT value) / with low demand rate

50

40 40

Protection against electrical shock

finger-safe

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

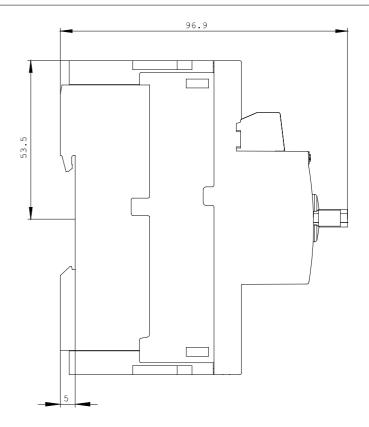
http://www.siemens.com/industrial-controls/mall

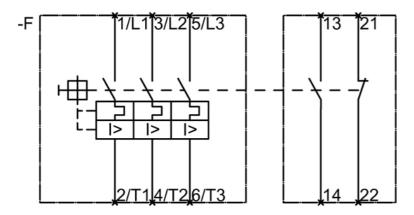
CAx-Online-Generator

http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3RV2011-1HA25/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV2011-1HA25





last change: