SIEMENS

Data sheet 3RP2525-1BB30



Timing relay, electronic on-delay 2 change-over contacts, 7 time ranges 0.05 s...100 h 24 V AC/DC at 50/60 Hz AC with LED, screw terminal

| product type designation design of the product product type designation General technical data product type designation a relay output • relay output • semi-conductor output product extension required remote control product extension required remote control No product extension optional remote control power loss [W] maximum susuation voltage for overvoltage category III according to IEC 80664 with degree of pollution 3 ared value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 000 V protection class IP shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service IIIf (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time recovery time reference code according to IEC 81346-2 Relative repeat accuracy 1 %, +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value • at 01 Dc rated value • at 02 Dc rated value • at 03 DC rated value • at 04 DC rated value • at 05 Dc rated value | product brand name | SIRIUS |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| product type designation General technical data product component • relay output • semi-conductor output product extension required remote control product extension required remote control product extension optional remote control power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60064 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value reference code according to IEC 81346-2 K recovery time reference code according to IEC 81346-2 K relative repeat accuracy 1 % +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 0 DC rated value • at DC rated value | product designation | timing relay |
| General technical data product component • relay output • semi-conductor output No product extension required remote control No power loss [W] maximum LEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 30 V LEC 50664 with degree of pollution 3 as urge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-67 vibration resistance according to IEC 60068-2-6 10 0.5 but 7 is 5 Hz / 0.35 mm mechanical service life (switching cycles) typical adjustable time relative setting accuracy relating to full-scale value 15 0 ms reference code according to IEC 81346-2 Krelative repeat accuracy influence of the surrounding temperature 15 influence of the surrounding temperature 24 V influence of the Surrounding temperature 5 was to sure voltage of the control supply voltage control supply voltage 1 at AC • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at DC rated value | design of the product | slow-operating |
| e relay output • relay output • semi-conductor output No product extension required remote control product extension optional remote control product extension optional remote control No power loss [W] maximum SW IEC 60664 with degree of pollution 3 rated value test voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value protection class IP IP20 shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time crelative setting accuracy relating to full-scale value thermal current 5 A recovery time reference code according to IEC 81346-2 Krelative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence 1% in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage e at 50 Hz rated value • at 50 Lz rated value • at 0D Lz rated value • at DC rated value | product type designation | 3RP25 |
| • relay output • semi-conductor output product extension required remote control product extension optional remote control power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 nechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current for A recovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) O9/12/2014 control supply voltage 1 at AC • at 50 Hz rated value • at 0Hz rated value | General technical data | |
| semi-conductor output product extension required remote control No product extension optional remote control power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 inbeating accuracy life (switching cycles) shock life (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current face of the surrounding temperature power supply influence influence of the surrounding temperature power supply influence substance Prohibitance (Date) control supply voltage 1 e at 50 Hz rated value e at 50 Crated value evalue | product component | |
| product extension required remote control product extension optional remote control power loss [W] maximum power loss [W] maximum 2 W | relay output | Yes |
| product extension optional remote control power loss [W] maximum 2 W | semi-conductor output | No |
| power loss [W] maximum insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 000 V protection class IP shock resistance according to IEC 60068-2-27 tip / 15 ms vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical adjustable time relative setting accuracy relating to full-scale value thermal current facevery time reference code according to IEC 81346-2 relative repeat accuracy influence Substance Prohibitance (Date) Control circuit/ Control type of voltage 1 at AC at 50 Hz rated value 4 V at DC rated value 5 0 60 Hz control supply voltage 1 at DC rated value 4 V 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V | product extension required remote control | No |
| insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 119 / 15 ms vibration resistance according to IEC 60068-2-27 119 / 15 ms vibration resistance according to IEC 60068-2-10 mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current for A recovery time reference code according to IEC 81346-2 K relative repeat accuracy 11%; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 60 Hz rated value at 60 Hz rated value at 60 Hz rated value at DC rated value at DC rated value 24 V control supply voltage frequency 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V | product extension optional remote control | No |
| test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-10 nechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value 24 V control supply voltage 1 • at DC rated value 24 V control supply voltage 1 • at DC rated value 24 V | power loss [W] maximum | 2 W |
| degree of pollution surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current frecovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value et at 60 Hz rated value et at DC rated value et DC rated value et DC rated value et DC rated value 24 V control supply voltage 1 et DC rated value 24 V control supply voltage 1 et DC rated value 24 V | | 300 V |
| surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-7 vibration resistance according to IEC 60068-2-6 nechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current facovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 80 Hz rated value at 80 Hz rated value at 80 Hz rated value control supply voltage 1 at 80 C rated value 24 V control supply voltage frequency 1 at 80 C rated value at 80 C rated value at 80 C rated value 24 V control supply voltage frequency 1 at 80 C rated value at 80 C rated value 24 V | test voltage for isolation test | 2.5 kV |
| protection class IP shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value at 60 Hz rated value at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V | degree of pollution | 3 |
| shock resistance according to IEC 60068-2-27 vibration resistance according to IEC 60068-2-6 vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage of the zated value • at 50 Hz rated value • at 60 Hz rated value • at 0 C rated value • at DC rated value • at DC rated value • at DC rated value 24 V control supply voltage 1 • at DC rated value 24 V | surge voltage resistance rated value | 4 000 V |
| vibration resistance according to IEC 60068-2-6 mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current ference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 50 Hz rated value • at 50 Hz rated value • at 60 Hz rated value • at DC rated value • at DC rated value • at DC rated value 24 V control supply voltage 1 • at DC rated value 24 V control supply voltage 1 • at DC rated value 24 V | protection class IP | IP20 |
| mechanical service life (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 50 Hz rated value • at 60 Hz rated value • at DC rated value • at DC rated value 24 V control supply voltage 1 • at DC rated value 24 V 24 V | shock resistance according to IEC 60068-2-27 | 11g / 15 ms |
| electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 • at DC rated value • at DC rated value 24 V 24 V 24 V 24 V 25 DC rated value 26 V 27 V 28 V 28 V 29 V 20 DC rated value 29 V | vibration resistance according to IEC 60068-2-6 | 10 55 Hz / 0.35 mm |
| adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 50 Hz rated value • at 60 Hz rated value control supply voltage 1 • at DC rated value | mechanical service life (switching cycles) typical | 10 000 000 |
| relative setting accuracy relating to full-scale value thermal current fecovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage 1 control supply voltage frequency 1 control supply voltage 1 control supply voltage 1 at DC rated value at DC rated value 24 V 24 V 24 V 25 60 Hz | ` , | 100 000 |
| thermal current recovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value at 60 Hz rated value control supply voltage 1 control supply voltage 1 control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V control supply voltage 1 at DC rated value 24 V | adjustable time | 0.05 s 100 h |
| recovery time reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 • at DC rated value • at DC rated value 24 V 24 V 24 V 24 V 25 60 Hz | relative setting accuracy relating to full-scale value | 5 %; +/- |
| reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 50 Hz rated value • at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 • at DC rated value 24 V 24 V | thermal current | 5 A |
| relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage • at 50 Hz rated value • at 60 Hz rated value control supply voltage 1 | recovery time | 150 ms |
| influence of the surrounding temperature power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value 24 V 24 V 24 V 26 U 27 U 28 U 29 U 29 U 20 U 20 U 20 U 20 U 21 U 22 U 23 U 24 U 24 U 25 U 26 U 27 U 28 U 29 U | reference code according to IEC 81346-2 | K |
| power supply influence Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 • at DC rated value 24 V 24 V 24 V 24 V 26 U 27 Control supply voltage frequency 1 28 U 29 U 20 U 20 U 20 U 21 U 22 U 23 U 24 V 24 V 25 U 26 U 27 U 28 U | relative repeat accuracy | 1 %; +/- |
| Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value 24 V 24 V 24 V 24 V 24 V 26 DC 26 DC 27 DC 28 DC 29 DC 20 DC 20 DC 20 DC 20 DC 20 DC 21 DC 22 DC 23 DC 24 DC 24 DC 25 DC 26 DC 26 DC 27 DC 28 DC | influence of the surrounding temperature | 1% in the whole temperature range to the set runtime |
| type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value 24 V 24 V 24 V 24 V 24 V | power supply influence | 1% in the whole voltage range to the set runtime |
| type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value AC/DC 24 V 50 60 Hz | Substance Prohibitance (Date) | 09/12/2014 |
| control supply voltage 1 at AC • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 • at DC rated value 24 V | Control circuit/ Control | |
| at 50 Hz rated value at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value 24 V 50 60 Hz 24 V | type of voltage of the control supply voltage | AC/DC |
| at 60 Hz rated value control supply voltage frequency 1 control supply voltage 1 at DC rated value 24 V | control supply voltage 1 at AC | |
| control supply voltage frequency 1 50 60 Hz control supply voltage 1 ● at DC rated value 24 V | • at 50 Hz rated value | 24 V |
| control supply voltage 1 ● at DC rated value 24 V | at 60 Hz rated value | 24 V |
| • at DC rated value 24 V | control supply voltage frequency 1 | 50 60 Hz |
| | control supply voltage 1 | |
| operating range factor control supply voltage rated | at DC rated value | 24 V |
| | operating range factor control supply voltage rated | |

| value at DC | |
|------------------------------------------------------------------------------------------------|-----------------|
| initial value | 0.85 |
| full-scale value | 1.1 |
| operating range factor control supply voltage rated value at AC at 50 Hz | |
| initial value | 0.85 |
| full-scale value | 1.1 |
| operating range factor control supply voltage rated value at AC at 60 Hz | |
| • initial value | 0.85 |
| full-scale value | 1.1 |
| inrush current peak | |
| • at 24 V | 2 A |
| duration of inrush current peak | |
| • at 24 V | 1 ms |
| Switching Function | |
| switching function | |
| ON-delay | Yes |
| ON-delay/instantaneous contact | No |
| passing make contact | No |
| passing make contact/instantaneous contact | No |
| OFF delay | No |
| switching function | |
| flashing symmetrically with interval start/instantaneous | No |
| flashing symmetrically with interval start | No |
| flashing symmetrically with pulse start/instantaneous | No |
| flashing symmetrically with pulse start | No |
| flashing asymmetrically with interval start | No |
| flashing asymmetrically with pulse start | No |
| switching function | |
| star-delta circuit with delay time | No |
| star-delta circuit | No |
| switching function with control signal | |
| additive ON-delay | No |
| passing break contact | No |
| passing break contact/instantaneous | No |
| OFF delay | No |
| OFF delay/instantaneous | No |
| pulse delayed | No |
| pulse delayed/instantaneous | No |
| pulse-shaping | No |
| pulse-shaping/instantaneous | No |
| additive ON-delay/instantaneous | No |
| ON-delay/OFF-delay/instantaneous | No |
| passing make contact | No |
| passing make contact/instantaneous contact | No |
| switching function of interval relay with control signal | |
| retrotriggerable with deactivated control signal/instantaneous contact | No |
| retrotriggerable with switched-on control signal | No |
| retrotriggerable with switched-on control signal/instantaneous contact | No |
| retriggerable with deactivated control signal | No |
| Short-circuit protection | |
| design of the fuse link for short-circuit protection of the auxiliary switch required | fuse gL/gG: 4 A |
| Auxiliary circuit | |
| material of switching contacts | AgSnO2 |
| number of NC contacts | |
| | |

| delayed switching | 0 |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| instantaneous contact number of NO contacts | 0 |
| number of NO contacts | 0 |
| delayed switching instantaneous contact | 0 |
| instantaneous contact number of CO contacts | |
| delayed switching | 2 |
| instantaneous contact | 0 |
| operational current of auxiliary contacts at AC-15 | Ü |
| • at 24 V | 3 A |
| • at 250 V | 3 A |
| operational current of auxiliary contacts at DC-13 | |
| • at 24 V | 1 A |
| • at 125 V | 0.2 A |
| • at 250 V | 0.1 A |
| operating frequency with 3RT2 contactor maximum | 5 000 1/h |
| contact reliability of auxiliary contacts | one incorrect switching operation of 100 million switching operations (17 |
| | V, 5 mA) |
| contact rating of auxiliary contacts according to UL | R300 / B300 |
| switching capacity current with inductive load | 0.01 3 A |
| Inputs/ Outputs | |
| product function | |
| at the relay outputs switchover delayed/without | No |
| delay | |
| • non-volatile | No |
| Electromagnetic compatibility | |
| EMC emitted interference according to IEC 61812-1 | ambience A (industrial sector) |
| EMC immunity according to IEC 61812-1 | corresponds to degree of severity 3 |
| conducted interference | |
| due to burst according to IEC 61000-4-4 | 2 kV network connection / 1 kV control connection |
| due to conductor-earth surge according to IEC 61000-4-5 | 2 kV |
| due to conductor-conductor surge according to IEC 61000-4-5 | 1 kV |
| field-based interference according to IEC 61000-4-3 | 10 V/m |
| electrostatic discharge according to IEC 61000-4-2 | 4 kV contact discharge / 8 kV air discharge |
| Safety related data | |
| protection class IP on the front according to IEC 60529 | IP20 |
| type of insulation | Basic insulation |
| category according to EN 954-1 | none |
| Connections/ Terminals | |
| product component removable terminal for auxiliary and control circuit | Yes |
| type of electrical connection for auxiliary and control circuit | screw-type terminals |
| type of connectable conductor cross-sections | |
| • solid | 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) |
| finely stranded with core end processing | 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) |
| at AWG cables solid | 1x (20 12), 2x (20 14) |
| at AWG cables stranded | 1x (20 12), 2x (20 14) |
| connectable conductor cross-section | |
| • solid | 0.5 4 mm² |
| finely stranded with core end processing | 0.5 4 mm² |
| AWG number as coded connectable conductor cross section | |
| • solid | 20 12 |
| stranded | 20 12 |
| tightening torque | 0.6 0.8 N·m |
| design of the thread of the connection screw | M3 |
| Installation/ mounting/ dimensions | |
| | any |
| mounting position | any |

| fastening method | screw and snap-on mounting onto 35 mm standard | mounting rail |
|---------------------------------------------------------|------------------------------------------------|---------------|
| height | 100 mm | |
| width | 22.5 mm | |
| depth | 90 mm | |
| required spacing | | |
| with side-by-side mounting | | |
| — forwards | 0 mm | |
| — backwards | 0 mm | |
| — upwards | 0 mm | |
| — downwards | 0 mm | |
| — at the side | 0 mm | |
| for grounded parts | | |
| — forwards | 0 mm | |
| — backwards | 0 mm | |
| — upwards | 0 mm | |
| — at the side | 0 mm | |
| — downwards | 0 mm | |
| for live parts | | |
| — forwards | 0 mm | |
| — backwards | 0 mm | |
| — upwards | 0 mm | |
| — downwards | 0 mm | |
| — at the side | 0 mm | |
| Ambient conditions | | |
| installation altitude at height above sea level maximum | 2 000 m | |
| ambient temperature | | |
| during operation | -25 +60 °C | |
| during storage | -40 +85 °C | |
| during transport | 40 +85 °C | |
| relative humidity during operation | 10 95 % | |
| Certificates/ approvals | | |
| General Product Approval | | EMC |





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Type Test Certificates/Test Report







Marine / Shipping

other







Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RP2525-1BB30

Cax online generator

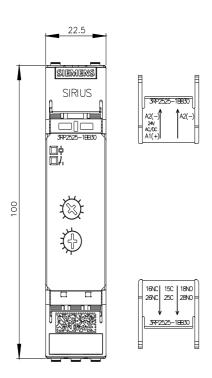
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RP2525-1BB30

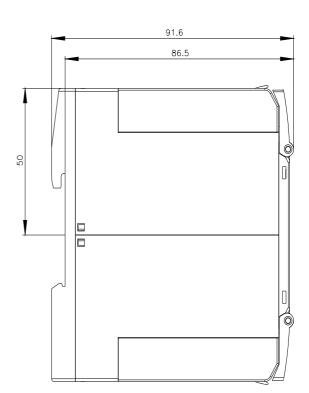
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RP2525-1BB30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RP2525-1BB30&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RP2525-1BB30/manual





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