SIEMENS

Data sheet

3RP2540-1AB30



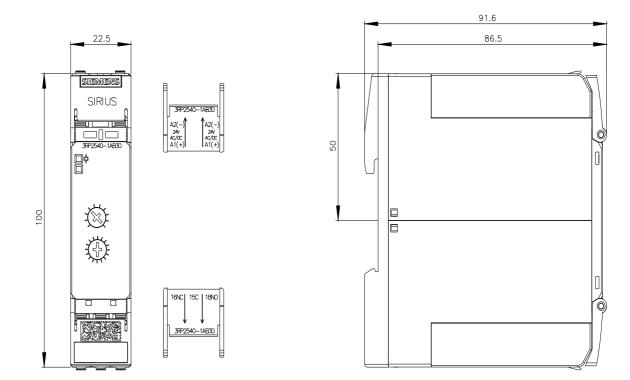
Timing relay, electronic OFF delay without control signal or smooth passing make contact non-volatile 24 V AC/DC, 1 change-over contact 7 time ranges, 0.05...600 s with LED, Screw terminal

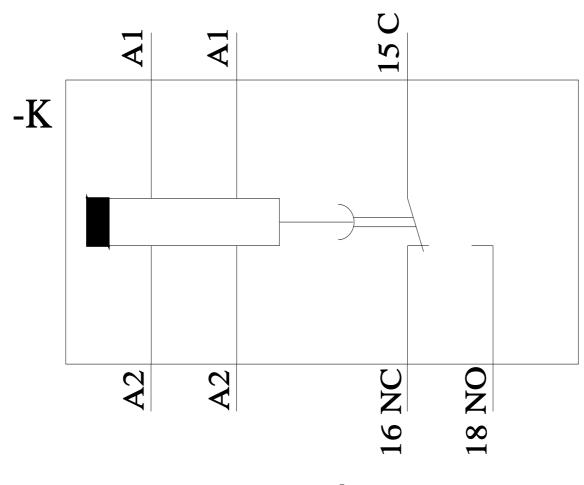
| product brand name SIRIUS product designation timing relay design of the product relay callshives/performed steuersignal, nullspannungssicher, einschaltwischend product type designation 3RP25 General technical data ************************************ | BETHER . | | | |
|---|--|--|--|--|
| design of the product rock/allverzoger obne Steuersignal, nullspannungssicher, einschaltwischend product type designation 3RP25 Central technical data | product brand name | SIRIUS | | |
| product type designation 3RP25 Concrait tochnical data product component • relay output Yes • semi-conductor output No product extension required remote control No product extension optional remote control No product extension aptional remote control No insulation voltage for rovervoltage category III according to IEC 60068-2-27 11/// 15 ms vibration resistance according to IEC 60068-2-27 11/// 15 ms vibration resistance according to IEC 60068-2-27 10 0.00 0.00 electrical endurance (operating cycles) typical 10 0.00 0.00 electrical endurance (operating cycles) typical 10 0.00 0.00 adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %, +/- infininum ON period 250 ms <tr< th=""><th>product designation</th><th>timing relay</th></tr<> | product designation | timing relay | | |
| product type designation 3RP25 Concret tochnical data product component erelay output semi-conductor output No product extension required remote control No power loss [W] maximum 2W insulation voltage for overvoltage category III according to IEC 60064 with degree of pollution 3 tated value test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value protection class IP protectim class | design of the product | | | |
| Control Ucchinical data product component • relay output • semi-conductor output product extension required remote control No product extension optional remote control power loss [M] maximum 1EC 80664 with degree of pollution 3 rated value test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g /15 ms vibration resistance according to IEC 60068-2-27 1055 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 200 V 230 V Vjical 00 000 adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thread accuracy 1 %; in the whole temperature range to the set runtime relative repeat accuracy 1 %; in the whole voltage range to the set runtime power loss power supply influence 19/12/2014 Control directif control supply voltage AC/DC </th <th></th> <th colspan="3"></th> | | | | |
| product component • relay output Yes • semi-conductor output No product extension optional remote control No power loss [W] maximum 2W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 300 V test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protect exersion eacording to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 1055 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time note relative setting accuracy relating to full-scale value 5 %; +/- freerence code according to IEC 81346-2 reference code a | | JRP20 | | |
| relay output esemi-conductor output No No No product extension required remote control No power loss [W] maximum 2 W advected stension required remote control No power loss [W] maximum 2 W 2 2 2 2 2 2 3 3 2 300 V IEC 60064 with degree of pollution 3 rated value test voltage for overvoltage category III according to IEC 60064 with degree of pollution 3 rated value test voltage for isolation test 2.5 kV 4 degree of pollution 3 surge voltage resistance rated value 4 200 V protection class IP isolation veloce stance according to IEC 60068-2-27 ilg/ 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical alcotrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time discussed to use to us | | | | |
| semi-conductor output No product extension required remote control No product extension optional remote control No 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 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 tig /15 ms vibration reguine (perating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical digustable time 0.5 600 s minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5%; +/- relative setting accuracy relating to full-scale value 5%; +/- relative repeat accuracy timimum value at function N = 0.5 s relative repeat accuracy timimum ON period recovery time 250 ms reference code according to IEC 81346-2 relative repeat accuracy timite whole temperature range to the set runtime time houle volue outage range to the set runtime time they to evalue are to the set runtime time they to evalue are to the set runtime time they to evalue are to the set runtime time to the control supply voltage ontrol supply voltage of the control supply voltage time to the action are to the set runtime time to the action are to the set runtime tif O Hz rated | | Vec | | |
| product extension required remote controlNoproduct extension optional remote controlNopower loss [W] maximum2 Winsulation voltage for overvoltage category III according to300 VIEC 60664 with degree of pollution 3 rated value2.5 kVtest voltage for isolation test2.5 kVdegree of pollution3surge voltage resistance rated value4000 Vprotection class IPIP20shock resistance according to IEC 60068-2-711g / 15 msvibration resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical1000 000electrical endurance (operating cycles) typical0.05 600 sadjustable time note0.05 600 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Areference code according to IEC 81346-2Kreference code accor | | | | |
| product extension optional remote control No power loss [W] maximum 2 W insulation voltage for isolation test 300 V text voltage for isolation test 2.5 kV degree of pollution 3 rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-7 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 100 000 adjustable time note 65 Hz / 0.35 mm relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1%; in the whole temperature range to the set runtime power supply influence 1%; in the whole voltage range to the set runtime substance Prohibitance (Date) 09/12/2014 Control supply voltage 1 at AC 24 V e at 50 | | | | |
| power loss [W] maximum2 Winsulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value300 Vtest voltage for isolation test2.5 kVdegree of pollution3surge voltage resistance rated value4 000 Vprotection class IPIP20shock resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at 230 V typical0.05 600 sadjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Arelative repeat accurding to IEC 81346-2Krelative repeat accuracy1 %; in the whole temperature range to the set runtimepower supply influence1% in the whole temperature range to the set runtimepower supply influence99/12/2014Control supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 60 Hz rated value24 V< | | | | |
| insulation voltage for vervoitage category III according to IEC 60664 with degree of pollution 3 rated value 300 V test voltage for isolation test 2.5 kV degree of pollution 3 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-61 1055 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 250 V typical adjustable time 0.05 600 s adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 250 ms reference code according to IEC 81346-2 K relative setting accuracy 19 %; +/- influence of the surrounding temperature 1% in the whole voltage range to the set runtime power supply influence 09/12/2014 Control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V • at 50 Hz rated value 24 V • at 50 Hz rated value 24 V < | | | | |
| IEC 60664 with degree of pollution 3 rated value 2.5 kV test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 100 000 adjustable time 0.05 600 s adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 250 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 0/U2/U14 Control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V • at 60 Hz rated v | | | | |
| degree of pollution3surge voltage resistance rated value4 000 Vprotection class IPIP20shock resistance according to IEC 60068-2-711g / 15 msvibration resistance according to IEC 60068-2-61055 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at 230 V typical100 000adjustable time0.05 600 sadjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence09/12/2014Control circuit/ Control24 V• at 50 Hz rated value24 V• at 50 Hz rated value24 V• at 60 Hz rated value24 V• control supply voltage frequency 160 Hz• control supply voltage 160 Hz <th></th> <th>500 V</th> | | 500 V | | |
| surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-7 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 600 s minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5A minimum ON period 250 ms recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Date 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 24 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 | test voltage for isolation test | 2.5 kV | | |
| protection class IPIP20shock resistance according to IEC 60068-2-610 55 Hz / 0.35 mmwibration resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at20 0 000230 V typical0.05 600 sadjustable time0.05 600 sadjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ Controltype of voltage of the control supply voltagee at 50 Hz rated value24 Ve at 60 Hz rated value24 Vcontrol supply voltage frequency 120 60 Hzcontrol supply voltage frequency 150 60 Hz | degree of pollution | 3 | | |
| shock resistance according to IEC 60068-2-2711g / 15 msvibration resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at20 V typicaladjustable time0.05 600 sadjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ Control24 V• at 50 Hz rated value24 V• at 60 Hz rated value24 V• control supply voltage frequency 150 60 Hz• control supply voltage frequency 150 60 Hz• control supply voltage frequency 150 60 Hz | surge voltage resistance rated value | 4 000 V | | |
| vibration resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at 230 V typical100 000adjustable time adjustable time note relative setting accuracy relating to full-scale value thermal current0.05 600 s minimum value at function N = 0.5 srelative setting accuracy relating to full-scale value thermal current5 A 250 msreference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date)1%; +/-type of voltage of the control supply voltage control supply voltage 1 at AC • at 60 Hz rated value • at 60 Hz rated valueAC/DC 24 V 24 V 24 Vcontrol supply voltage frequency 1 control supply voltage frequency 1 control supply voltage 124 V 50 60 Hz | protection class IP | IP20 | | |
| mechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time100 000adjustable time note0.05 600 sadjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence0y/12/2014Control circuit/ ControlVtype of voltage of the control supply voltage control supply voltage 1 at ACAC/DC• at 50 Hz rated value24 V• at 60 Hz rated value24 V• at 60 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 1 control supply voltage 150 60 Hz | shock resistance according to IEC 60068-2-27 | 11g / 15 ms | | |
| electrical endurance (operating cycles) at AC-15 at 230 V typical 100 000 adjustable time adjustable time note 0.05 600 s adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 250 ms recovery time 250 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 09/12/2014 Control circuit/ Control V type of voltage of the control supply voltage AC/DC e at 50 Hz rated value 24 V e at 60 Hz rated value 24 V control supply voltage frequency 1 50 60 Hz control supply voltage frequency 1 50 60 Hz | vibration resistance according to IEC 60068-2-6 | 10 55 Hz / 0.35 mm | | |
| 230 V typical 0.05 600 s adjustable time note minimum value at function N = 0.5 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 250 ms recovery time 250 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 09/12/2014 Control circuit/ Control U type of voltage of the control supply voltage AC/DC e at 50 Hz rated value 24 V • at 60 Hz rated value 24 V | mechanical service life (operating cycles) typical | 10 000 000 | | |
| adjustable time noteminimum value at function N = 0.5 srelative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1 %; +/-influence of the surrounding temperature1 %; in the whole temperature range to the set runtimepower supply influence1 %; in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ Controltype of voltage of the control supply voltage control supply voltage 1 at AC• at 50 Hz rated value24 V• at 60 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 1 control supply voltage 150 60 Hz | | 100 000 | | |
| relative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlKtype of voltage of the control supply voltageAC/DCe at 50 Hz rated value24 Ve at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | adjustable time | 0.05 600 s | | |
| relative setting accuracy relating to full-scale value5 %; +/-thermal current5 Aminimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlKtype of voltage of the control supply voltageAC/DCe at 50 Hz rated value24 Ve at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | adjustable time note | minimum value at function $N = 0.5 s$ | | |
| minimum ON period250 msrecovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimegower supply influence (Date)09/12/2014Control circuit/ Controltype of voltage of the control supply voltage control supply voltage 1 at AC• at 50 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 1 control supply voltage 150 60 Hz | | 5 %; +/- | | |
| recovery time250 msreference code according to IEC 81346-2Krelative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ Control09/12/2014type of voltage of the control supply voltageAC/DCe at 50 Hz rated value24 Ve at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | thermal current | 5 A | | |
| 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 1% in the whole voltage range to the set runtime Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control type of voltage of the control supply voltage type of voltage of the control supply voltage AC/DC • 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 50 60 Hz | minimum ON period | 250 ms | | |
| relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence 1% in the whole voltage range to the set runtime Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control 4C/DC type of voltage of the control supply voltage AC/DC e at 50 Hz rated value 24 V e at 60 Hz rated value 24 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 50 60 Hz | recovery time | 250 ms | | |
| relative repeat accuracy1 %; +/-influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlAC/DCtype of voltage of the control supply voltageAC/DCe at 50 Hz rated value24 Ve at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | reference code according to IEC 81346-2 | К | | |
| influence of the surrounding temperature1% in the whole temperature range to the set runtimepower supply influence1% in the whole voltage range to the set runtimeSubstance Prohibitance (Date)09/12/2014Control circuit/ ControlAC/DCcontrol supply voltage 1 at ACAC/DC• at 50 Hz rated value24 V• at 60 Hz rated value24 V• control supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | - | 1 %; +/- | | |
| power supply influence1% in the whole voltage range to the set runtime 09/12/2014Substance Prohibitance (Date)09/12/2014Control circuit/ ControlAC/DCtype of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated valueAC/DCe at 50 Hz rated value24 V• at 60 Hz rated value24 V• control supply voltage frequency 1 control supply voltage 150 60 Hz | | 1% in the whole temperature range to the set runtime | | |
| Substance Prohibitance (Date) 09/12/2014 Control circuit/ Control AC/DC type of voltage of the control supply voltage AC/DC 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 50 60 Hz | | 1% in the whole voltage range to the set runtime | | |
| type of voltage of the control supply voltage AC/DC 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 - | | | | |
| control supply voltage 1 at AC 24 V • 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 50 60 Hz | Control circuit/ Control | | | |
| at 50 Hz rated value at 60 Hz rated value 24 V control supply voltage frequency 1 control supply voltage 1 | type of voltage of the control supply voltage | AC/DC | | |
| • at 60 Hz rated value 24 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 | control supply voltage 1 at AC | | | |
| control supply voltage frequency 150 60 Hzcontrol supply voltage 150 60 Hz | • at 50 Hz rated value | 24 V | | |
| control supply voltage 1 | • at 60 Hz rated value | 24 V | | |
| | control supply voltage frequency 1 | 50 60 Hz | | |
| • at DC rated value 24 V | control supply voltage 1 | | | |
| | 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 | 1.1 |
| 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 ma |
| | 1 ms |
| Switching Function | |
| switching function | |
| ON-delay | No |
| ON-delay/instantaneous contact | No |
| passing make contact passing make contact/instantaneous contact | Yes No |
| passing make contact/instantaneous contact OFF delay | Yes |
| switching function | |
| flashing symmetrically with interval | No |
| start/instantaneous | |
| flashing symmetrically with interval start | No |
| flashing symmetrically with pulse | No |
| start/instantaneous | |
| 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 | No |
| signal/instantaneous contact | |
| retriggerable with deactivated control signal | No |
| Short-circuit protection | |
| design of the fuse link for short-circuit protection of the | fuse gL/gG: 4 A |
| auxiliary switch required | |
| Auxiliary circuit | |
| material of switching contacts | AgSnO2 |
| number of NC contacts | |
| delayed switching | 0 |
| instantaneous contact | 0 |
| number of NO contacts | |

| delayed switching | 0 |
|--|---|
| instantaneous contact | 0 |
| number of CO contacts | |
| delayed switching | 1 |
| instantaneous contact | 0 |
| operational current of auxiliary contacts at AC-15 | |
| • 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) |
| 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 | Yes |
| Electromagnetic compatibility | |
| | ambiance A (industrial coster) |
| 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 | 2 kV |
| 61000-4-5 | |
| due to conductor-conductor surge according to IEC | 1 kV |
| 61000-4-5 | 40.1// |
| 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 | IP20 |
| protection class IP on the front according to IEC 60529 | |
| protection class IP on the front according to IEC 60529 type of insulation | Basic insulation |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 | |
| protection class IP on the front according to IEC 60529 type of insulation | Basic insulation |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary | Basic insulation |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit | Basic insulation none |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit | Basic insulation none |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit | Basic insulation none Yes |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections | Basic insulation none Yes screw-type terminals |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections solid finely stranded with core end processing at AWG cables solid | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm ² |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm ² |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm ² |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm ² 0.5 4 mm ² |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 4 mm ²), 2x (0.5 1.5 mm ²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm ² 0.5 4 mm ² |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 20 12 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw | Basic insulation none Yes screw-type terminals $1x (0.5 4.0 \text{ mm}^2), 2x (0.5 2.5 \text{ mm}^2)$ $1x (0.5 4 \text{ mm}^2), 2x (0.5 1.5 \text{ mm}^2)$ 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) $0.5 4 \text{ mm}^2$ $0.5 4 \text{ mm}^2$ 20 12 20 14 0.6 0.8 N·m |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 20 12 any |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 20 12 20 12 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 20 12 20 12 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 |
| protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing | Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 4 mm²), 2x (0.5 1.5 mm²) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm² 0.5 4 mm² 20 12 20 14 0.6 0.8 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 100 mm 22.5 mm |

| backwards | | 0 mm | | |
|--|--|--|---------------------------|-----|
| — upwards | | 0 mm | | |
| — downwards | | 0 mm | | |
| — at the side | | 0 mm | | |
| for grounded parts | | 0 mm | | |
| — forwards | | 0 mm | | |
| — backwards | | 0 mm | | |
| — upwards | | 0 mm | | |
| — at the side | | 0 mm | | |
| — downwards | | 0 mm | | |
| for live parts | | 0 1111 | | |
| — forwards | | 0 mm | | |
| — backwards | | 0 mm | | |
| — upwards | | 0 mm | | |
| — downwards | | 0 mm | | |
| — at the side | | 0 mm | | |
| | | 0 11111 | _ | |
| Ambient conditions | | | _ | |
| installation altitude at height above sea lev | el 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 |
| | | | | |
| | | | LHL | |
| | | | | |
| Declaration of Conformity | Test Certificat | tes Marine / Shipping | | |
| Declaration of Conformity | Test Certificat | tific- | Lloyds Register us | PRS |
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| UK CE CA CE EG-Konf. | Type Test Cert | tific- port | Llovds Register uis | PRS |
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| UK EE Marine / Shipping Image: Shipping marked states Image: Shipping marked states <tr< td=""><td>Type Test Cert ates/Test Rep</td><td>tific- port UREAU VERITAS other Confirmation</td><td>Llovds Register us</td><td>PRS</td></tr<> | Type Test Cert ates/Test Rep | tific- port UREAU VERITAS other Confirmation | Llovds Register us | PRS |
| UK EE Marine / Shipping Image: S | Type Test Cert ates/Test Rep | tific- port UREAU VERITAS other Confirmation | Llovds Register uts | PRS |
| UK EE Marine / Shipping Image: S | Type Test Cert ates/Test Rep | tific- port UREAU VERITAS other Confirmation | Llovds Register us | PRS |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep | tific- port UREAU VERITAS other Confirmation 75 .) | us | PRS |
| UK EE Marine / Shipping Image: S | Type Test Cert ates/Test Rep | tific- port UREAU VERITAS other Confirmation 75 .) | us | PRS |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep | tific- port Confirmation 75 .) 2mlfb=3RP2540-1AB30 | | PRS |
| UKS EE Marine / Shipping Image: | Type Test Cert ates/Test Rep | tific- port other Confirmation 75 .) ?mlfb=3RP2540-1AB30 t.aspx?lang=en&mlfb=3RP254 | | PRS |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep | tific- port other Confirmation 75 .) ?mlfb=3RP2540-1AB30 t.aspx?lang=en&mlfb=3RP254 FAQs,) | | PRS |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep wien/view/10981387 logs, Brochures, en/Catalog/product? N/CAXorder/default , Characteristics, I wien/ps/3RP2540-1 mension drawings | tific- port other Confirmation 75 .) ?mlfb=3RP2540-1AB30 t.aspx?lang=en&mlfb=3RP254 FAQs,) AB30 s, 3D models, device circuit of | <u>+0-1AB30</u> | |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep wien/view/10981387 logs, Brochures, en/Catalog/product? N/CAXorder/default , Characteristics, I wien/ps/3RP2540-1 mension drawings | tific- port other Confirmation 75 .) ?mlfb=3RP2540-1AB30 t.aspx?lang=en&mlfb=3RP254 FAQs,) AB30 s, 3D models, device circuit of | <u>+0-1AB30</u> | |
| UKG EGE Marine / Shipping Image: | Type Test Cert ates/Test Rep wien/view/1098138 logs, Brochures, en/Catalog/product? N/CAXorder/default , Characteristics, I wien/ps/3RP2540-1 mension drawings b/cax_de.aspx?mlfb | tific- port other Confirmation 75 .) 2mlfb=3RP2540-1AB30 t.aspx?lang=en&mlfb=3RP254 FAQs,) AB30 s, 3D models, device circuit of p=3RP2540-1AB30⟨=en | <u>+0-1AB30</u> | |





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