Data sheet 3RT2046-1KB44-3MA0



power contactor, AC-3e/AC-3, 95 A, 45 kW / 400 V, 3-pole, 24 V DC, 0.8-1.2* Uc, with integrated varistor, auxiliary contacts: 1 NO + 1 NC, screw terminal, frame size: S3, suitable for PLC outputs, captive auxiliary switch

| product type designation Coupling contactor General tochnical data size of contactor S3 product extension No • function module for communication No • suxiliary switch Yes power loss [W] for rated value of the current 6.8 W • at AC in hot operating state 19.8 W • at AC in hot operating state per pole 6.8 W • without load current share typical 0.9 W by per of calculation of power loss depending on pole quadratic insulation voltage 6.0 W • of main circuit with degree of pollution 3 rated value 690 V surge voltage resistance 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit value degree of pollution 3 rated value 6 kV • of auxiliary circuit value degree of pollution 3 rated value 6 kV • of auxiliary circuit value degree of pollution 3 rated value 6 kV • al DC 6 3 g / 5 ms, 8, g / 10 ms • al DC 6 3 g / 5 ms, 8, g / 10 ms • al DC 6 3 g / 5 ms, 8 g / 10 ms • al DC | product brand name | SIRIUS |
|--|---|---|
| Contractor S3 product extension Ko • function module for communication No • auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state 19.8 W • at AC in hot operating state per pole 6.6 W • without load current share typical 0.9 W type of calculation of power loss depending on pole quadratic insulation voltage 0 famin circuit with degree of pollution 3 rated value 660 V surge voltage resistance 600 V • of main circuit rated value 6 kV • of auxiliary circuit with degree of pollution 3 rated value 6 kV • of main circuit rated value 6 kV • of auxiliary circuit rated value 6 kV • of main circuit rated value 6 kV • of auxiliary circuit rated value 6 kV • at AC 690 V • at AC 10.3g / 5 ms, 6, g / 10 ms • at DC 38 / 5 ms, 3.8 g / 10 ms • at AC 16.3g / 5 ms, 10.g / 10 ms • at AC 10.00 0 00 • at AC 10.00 0 00 | product designation | Coupling contactor |
| Size of contactor Product extension Function module for communication No Yes | product type designation | 3RT2 |
| Function module for communication • function module for communication • auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state per pole • without load current share typical • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value • of auxiliary solution to pollution 3 rated value • of auxiliary circuit rated value • of auxiliary solution between • of auxiliary circuit rated value • of auxiliary solution between • of auxiliary solution | General technical data | |
| • function module for communication • auxillary switch power loss [W] for rated value of the current • at AC in hot operating state per pole • at AC in hot operating state per pole • at AC in hot operating state per pole • without load current share typical pyer of calculation of power loss depending on pole insulation voltage • of main circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of auxillary circuit with degree of pollution 3 rated value • of contactor with aded auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor with added auxillary switch block typical • of the contactor wi | size of contactor | S3 |
| e auxillary switch power loss IWJ for rated value of the current e at AC in hot operating state per pole e without load current share typical type of calculation of power loss depending on pole insulation voltage e of main circuit with degree of pollution 3 rated value e of auxillary circuit with degree of pollution 3 rated value e of auxillary circuit with degree of pollution 3 rated value e of main circuit atted value e of auxillary circuit with degree of pollution 3 rated value e of main circuit rated value e of main circuit rated value e of main circuit rated value e of auxillary circuit rated value e of at AC e at DC shock resistance at rectangular impulse e at AC e at DC e at DC shock resistance with sine pulse e at AC e at DC shock resistance with sine pulse e at AC e of contactor typical of the contactor with added electronically optimized auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switch block typical e of the contactor with added auxillary switc | product extension | |
| e at AC in hot operating state prope and the current at AC in hot operating state per pole at AC in hot operating state per pole and thou to operating state per pole and the state per pole a | function module for communication | No |
| at AC in hot operating state at AC in hot operating state per pole without load current share typical 0.9 W type of calculation of power loss depending on pole insulation voltage of main circuit with degree of pollution 3 rated value of of auxiliary circuit with degree of pollution 3 rated value of of auxiliary circuit with degree of pollution 3 rated value of of main circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of a williary circuit rated value of wording of the 60947-1 shock resistance at rectangular impulse at AC at DC at DC shock resistance with sine pulse at AC at AC at DC shock resistance with sine pulse at AC at DC at DC shock resistance with added electronically optimized auxiliary switch block typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor pict of the date of the contactor with added auxiliary switch block typical of the contactor pict of the date of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor pict of the date of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor w | auxiliary switch | Yes |
| at AC in hot operating state per pole without load current share typical type of calculation of power loss depending on pole insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit rated value of auxiliary sinch south south south auxiliary sinch block typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added ouxiliary switch block typical of the contactor with added auxiliary switc | power loss [W] for rated value of the current | |
| without load current share typical type of calculation of power loss depending on pole insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of main circuit rated value of auxiliary solutiary circuit rated value of auxiliary solutiary circuit rated value of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical and a value of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical and a value of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical and a value of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical and a value of the contactor with added auxiliary switch block typical | at AC in hot operating state | 19.8 W |
| type of calculation of power loss depending on pole insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of main circuit rated value of auxiliary switch block typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added of | at AC in hot operating state per pole | 6.6 W |
| Insulation voltage • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of main circuit rated value • of main circuit rated value • of main circuit rated value • of auxiliary circuit rated value • of auxiliary circuit rated value maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse • at AC • at DC • of contactor typical • of the contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added a | without load current share typical | 0.9 W |
| of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxiliary intervel separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse of at AC of auxiliary swith sine pulse of at AC of at DC of auxiliary swith sine pulse of the contactor with added electronically optimized of the contactor with added electronically optimized of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliar | type of calculation of power loss depending on pole | quadratic |
| of auxillary circuit with degree of pollution 3 rated value surge voltage resistance of main circuit rated value of auxillary circuit rated value sax of auxillary circuit rated value of auxillary switch sine pulse of at AC of auxillary switch life (operating cycles) of contactor typical of the contactor with added electronically optimized auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added electronically optimized auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block typical of the contactor with added auxillary switch block | insulation voltage | |
| surge voltage resistance of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value e of auxiliary circuit rated value maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse ot AC ot DC shock resistance with sine pulse ot AC shock resistance with sine pul | of main circuit with degree of pollution 3 rated value | 1 000 V |
| of main circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value of auxiliary circuit rated value de kV maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1 shock resistance at rectangular impulse at AC at DC ot DC ot AC at DC ot AC ot DC ot AC ot DC ot AC ot DC ot DC of Contactor with sine pulse of contactor typical of the contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical verence code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2.2.°6.6"-tetrabromo-4,4"-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight | of auxiliary circuit with degree of pollution 3 rated value | 690 V |
| of auxiliary circuit rated value maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse at AC at DC 5.3 g / 5 ms, 3.6 g / 10 ms shock resistance with sine pulse at AC at DC 5.3 g / 5 ms, 10.g / 10 ms at DC 9.8 g / 5 ms, 5.6 g / 10 ms mechanical service life (operating cycles) of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the Contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switch block typical verification of the contactor with added auxiliary switc | surge voltage resistance | |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 shock resistance at rectangular impulse • at AC • at DC shock resistance with sine pulse • at AC • at DC shock resistance with sine pulse • at AC • at DC • at DC • at DC • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added au | of main circuit rated value | 8 kV |
| shock resistance at rectangular impulse at AC at DC at DC at AC at AC at DC a | of auxiliary circuit rated value | 6 kV |
| at AC at DC 6.3 g / 5 ms, 6g / 10 ms shock resistance with sine pulse at AC at DC at DC 9.8 g / 5 ms, 10.g / 10 ms of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical vertical contactor with added auxiliary switch block typical 000000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 03/01/2017 SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2.2'(5,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.995 kg | | 690 V |
| • at DC shock resistance with sine pulse • at AC • at DC at DC mechanical service life (operating cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical volume auxiliary switch block typical • of the contactor with added auxiliary switch block typical volume auxiliar | shock resistance at rectangular impulse | |
| shock resistance with sine pulse • at AC • at DC 9.8 g / 5 ms, 10.g / 10 ms mechanical service life (operating cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical 10 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight | • at AC | 10.3g / 5 ms, 6,.g / 10 ms |
| at AC at DC 9.8 g / 5 ms, 10.g / 10 ms 9.8 g / 5 ms, 5.6 g / 10 ms mechanical service life (operating cycles) of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight | • at DC | 6.3 g / 5 ms, 3.6 g / 10 ms |
| at DC g.8 g / 5 ms, 5.6 g / 10 ms mechanical service life (operating cycles) of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight | shock resistance with sine pulse | |
| mechanical service life (operating cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight | • at AC | 16.3g / 5 ms, 10.g / 10 ms |
| of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | • at DC | 9.8 g / 5 ms, 5.6 g / 10 ms |
| of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | mechanical service life (operating cycles) | |
| auxiliary switch block typical of the contactor with added auxiliary switch block typical reference code according to IEC 81346-2 Q Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | of contactor typical | 10 000 000 |
| reference code according to IEC 81346-2 Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | | 5 000 000 |
| Substance Prohibitance (Date) SVHC substance name Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | of the contactor with added auxiliary switch block typical | 10 000 000 |
| Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | reference code according to IEC 81346-2 | Q |
| Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9 Weight 1.905 kg | Substance Prohibitance (Date) | 03/01/2017 |
| · | SVHC substance name | Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7 Melamine - 108-78-1 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75- |
| Ambient conditions | Weight | 1.905 kg |
| | Ambient conditions | |

| installation altitude at height above sea level maximum | 2 000 m |
|--|--------------------|
| ambient temperature | |
| during operation | -25 +60 °C |
| during storage | -55 +80 °C |
| relative humidity minimum | 10 % |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum | 95 % |
| Environmental footprint | |
| Environmental Product Declaration(EPD) | Yes |
| global warming potential [CO2 eq] total | 267 kg |
| global warming potential [CO2 eq] during manufacturing | 9.35 kg |
| global warming potential [CO2 eq] during operation | 259 kg |
| global warming potential [CO2 eq] after end of life | -1.55 kg |
| Main circuit | |
| number of poles for main current circuit | 3 |
| number of NO contacts for main contacts | 3 |
| operating voltage | |
| at AC-3 rated value maximum | 1 000 V |
| • at AC-3e rated value maximum | 1 000 V |
| operational current | |
| at AC-1 at 400 V at ambient temperature 40 °C rated | 130 A |
| value | |
| • at AC-1 | |
| — up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value | 130 A |
| — up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value | 110 A |
| • at AC-3 | |
| — at 400 V rated value | 95 A |
| — at 500 V rated value | 95 A |
| — at 690 V rated value | 78 A |
| — at 1000 V rated value | 30 A |
| • at AC-3e | |
| — at 400 V rated value | 95 A |
| — at 500 V rated value | 95 A |
| — at 690 V rated value | 78 A |
| — at 1000 V rated value | 30 A |
| at AC-4 at 400 V rated value | 80 A |
| at AC-5a up to 690 V rated value | 114 A |
| at AC-5b up to 400 V rated value | 95 A |
| • at AC-6a | |
| — up to 230 V for current peak value n=20 rated value | 84.4 A |
| — up to 400 V for current peak value n=20 rated value | 84.4 A |
| — up to 500 V for current peak value n=20 rated value | 84.4 A |
| — up to 690 V for current peak value n=20 rated value | 58 A |
| • at AC-6a | 500 4 |
| — up to 230 V for current peak value n=30 rated value | 56.3 A |
| — up to 400 V for current peak value n=30 rated value | 56.3 A |
| — up to 500 V for current peak value n=30 rated value | 56.3 A |
| — up to 690 V for current peak value n=30 rated value | 56.3 A |
| minimum cross-section in main circuit at maximum AC-1 rated value | 50 mm ² |
| operational current for approx. 200000 operating cycles at AC-4 | |
| • at 400 V rated value | 42 A |
| at 690 V rated value | 30 A |
| operational current | |
| • at 1 current path at DC-1 | |
| — at 24 V rated value | 100 A |
| — at 60 V rated value | 60 A |
| — at 110 V rated value | 9 A |
| — at 220 V rated value | 2 A |

| — at 440 V rated value | 0.6 A |
|--|---------|
| — at 600 V rated value | 0.4 A |
| with 2 current paths in series at DC-1 | |
| — at 24 V rated value | 100 A |
| — at 60 V rated value | 100 A |
| — at 110 V rated value | 100 A |
| — at 220 V rated value | 10 A |
| — at 440 V rated value | 1.8 A |
| — at 600 V rated value | 1 A |
| with 3 current paths in series at DC-1 | |
| — at 24 V rated value | 100 A |
| — at 60 V rated value | 100 A |
| — at 110 V rated value | 100 A |
| — at 220 V rated value | 80 A |
| — at 440 V rated value | 4.5 A |
| — at 600 V rated value | 2.6 A |
| • at 1 current path at DC-3 at DC-5 | |
| — at 24 V rated value | 40 A |
| — at 60 V rated value | 6 A |
| — at 110 V rated value | 2.5 A |
| — at 220 V rated value | 1 A |
| — at 440 V rated value | 0.15 A |
| — at 600 V rated value | 0.06 A |
| with 2 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 100 A |
| — at 60 V rated value | 100 A |
| — at 110 V rated value | 100 A |
| — at 220 V rated value | 7 A |
| — at 440 V rated value | 0.42 A |
| — at 600 V rated value | 0.16 A |
| with 3 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 100 A |
| — at 60 V rated value | 100 A |
| — at 110 V rated value | 100 A |
| — at 220 V rated value | 35 A |
| — at 440 V rated value | 0.8 A |
| — at 600 V rated value | 0.35 A |
| operating power | |
| • at AC-2 at 400 V rated value | 45 kW |
| • at AC-3 | |
| — at 230 V rated value | 22 kW |
| — at 400 V rated value | 45 kW |
| — at 500 V rated value | 55 kW |
| — at 690 V rated value | 75 kW |
| — at 1000 V rated value | 37 kW |
| • at AC-3e | |
| — at 230 V rated value | 22 kW |
| — at 400 V rated value | 45 kW |
| — at 500 V rated value | 55 kW |
| — at 690 V rated value | 75 kW |
| — at 1000 V rated value | 37 kW |
| operating power for approx. 200000 operating cycles at AC- | |
| 4 | |
| • at 400 V rated value | 22 kW |
| at 690 V rated value | 27.4 kW |
| operating apparent power at AC-6a | |
| • up to 230 V for current peak value n=20 rated value | 33 kVA |
| • up to 400 V for current peak value n=20 rated value | 58 kVA |
| • up to 500 V for current peak value n=20 rated value | 73 kVA |
| • up to 690 V for current peak value n=20 rated value | 69 kVA |
| operating apparent power at AC-6a | |
| | |

| up to 230 V for current peak value n=30 rated value | 22.4 kVA |
|---|---|
| up to 400 V for current peak value n=30 rated value | 39 kVA |
| up to 500 V for current peak value n=30 rated value | 48.7 kVA |
| up to 690 V for current peak value n=30 rated value | 67.3 kVA |
| short-time withstand current in cold operating state up to 40 $^{\circ}\text{C}$ | |
| limited to 1 s switching at zero current maximum | 1 725 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 5 s switching at zero current maximum | 1 297 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 10 s switching at zero current maximum | 946 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum | 610 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 60 s switching at zero current maximum | 486 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency | |
| • at DC | 1 000 1/h |
| operating frequency | |
| • at AC-1 maximum | 900 1/h |
| at AC-2 maximum | 350 1/h |
| • at AC-3 maximum | 850 1/h |
| • at AC-3e | 650 1/11 |
| | 950 1/h |
| — maximum | 850 1/h |
| at AC-4 maximum Control circuit/ Control | 250 1/h |
| Control circuit/ Control | P2 |
| type of voltage of the control supply voltage | DC |
| control supply voltage at DC rated value | 24 V |
| operating range factor control supply voltage rated value of magnet coil at DC | |
| • initial value | 0.8 |
| • full-scale value | 1.2 |
| design of the surge suppressor | with varistor |
| | 2.7 A |
| inrush current peak | |
| duration of inrush current peak locked-rotor current mean value | 50 μs 0.9 A |
| | 2.1 A |
| locked-rotor current peak duration of locked-rotor current | 150 ms |
| | 40 mA |
| holding current mean value | 25 W |
| closing power of magnet coil at DC | |
| holding power of magnet coil at DC | 0.9 W |
| closing delay | FO 70 |
| • at DC | 50 70 ms |
| opening delay | 22 57 |
| • at DC | 38 57 ms |
| arcing time | 10 20 ms |
| control version of the switch operating mechanism | Standard A1 - A2 |
| Auxiliary circuit | |
| design of the auxiliary switch | on the front, non-detachable |
| number of NC contacts for auxiliary contacts instantaneous contact | 2 |
| number of NO contacts for auxiliary contacts instantaneous contact | 2 |
| operational current at AC-12 maximum | 10 A |
| operational current at AC-15 | |
| • at 230 V rated value | 6 A |
| • at 400 V rated value | 3 A |
| • at 500 V rated value | 2 A |
| at 690 V rated value | 1 A |
| operational current at DC-12 | |
| • at 24 V rated value | 10 A |
| • at 48 V rated value | 6 A |
| • at 60 V rated value | 6 A |
| at 110 V rated value | 3 A |
| • at 125 V rated value | 2 A |
| • at 220 V rated value | 1 A |
| • at 600 V rated value | 0.15 A |
| | |

| operational current at DC-13 | |
|--|--|
| at 24 V rated value | 6 A |
| at 48 V rated value | 2 A |
| at 60 V rated value | 2 A |
| at 110 V rated value | 1 A |
| at 125 V rated value | 0.9 A |
| at 220 V rated value | 0.3 A |
| at 600 V rated value | 0.1 A |
| contact reliability of auxiliary contacts | 1 faulty switching per 100 million (17 V, 1 mA) |
| UL/CSA ratings | |
| full-load current (FLA) for 3-phase AC motor | |
| at 480 V rated value | 96 A |
| at 600 V rated value | 77 A |
| yielded mechanical performance [hp] | |
| for single-phase AC motor | |
| — at 110/120 V rated value | 10 hp |
| — at 230 V rated value | 20 hp |
| • for 3-phase AC motor | |
| — at 200/208 V rated value | 30 hp |
| — at 220/230 V rated value | 30 hp |
| — at 460/480 V rated value | 75 hp |
| — at 575/600 V rated value | 75 hp |
| contact rating of auxiliary contacts according to UL | A600 / P600 |
| Short-circuit protection | |
| design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V | C characteristic: 10 A; 0.4 kA |
| design of the fuse link | |
| for short-circuit protection of the main circuit | |
| — with type of coordination 1 required | gG: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80 kA) |
| — with type of coordination 2 required | gG: 160 A (690 V, 100 kA), aM: 100 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) |
| • for short circuit protection of the auxiliary switch required | gG: 10 A (500 V, 1 kA) |
| for short-circuit protection of the auxiliary switch required | gg. 10 A (500 V, 1 kA) |
| • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions | 99. 10 A (300 V, 1 M) |
| | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |
| Installation/ mounting/ dimensions | +/-180° rotation possible on vertical mounting surface; can be tilted forward and |
| Installation/ mounting/ dimensions mounting position | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm 10 mm 0 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm 0 mm 0 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — upwards — upwards — at upwards — upwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm 0 mm 20 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • at the side • at the side | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm 0 mm 10 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm 0 mm 10 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards • for live parts — forwards — upwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • of or grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards — at the side — downwards — at the side — downwards — at the side | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |
| Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting fastening method height width depth required spacing | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface Yes screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 140 mm 70 mm 195 mm 20 mm 10 mm |

| of an arm of a city | 0 |
|--|--|
| of magnet coil | Screw-type terminals |
| type of connectable conductor cross-sections | |
| • for main contacts | |
| — finely stranded with core end processing | 2x (2.5 35 mm²), 1x (2.5 50 mm²) |
| for AWG cables for main contacts | 2x (10 1/0), 1x (10 2/0) |
| connectable conductor cross-section for main contacts | |
| • solid | 2.5 16 mm² |
| • stranded | 6 70 mm ² |
| finely stranded with core end processing | 2.5 50 mm² |
| connectable conductor cross-section for auxiliary contacts | |
| solid or stranded | 0.5 2.5 mm ² |
| finely stranded with core end processing | 0.5 2.5 mm² |
| type of connectable conductor cross-sections | |
| for auxiliary contacts | |
| — solid or stranded | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) |
| finely stranded with core end processing | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) |
| for AWG cables for auxiliary contacts | 2x (20 16), 2x (18 14) |
| AWG number extended as coded connectable conductor cross section for main contacts | 10 2/0 |
| AWG number as coded connectable conductor cross section for auxiliary contacts | 20 14 |
| Safety related data | |
| product function | |
| mirror contact according to IEC 60947-4-1 | Yes |
| positively driven operation according to IEC 60947-5-1 | No |
| suitable for safety function | Yes |
| suitability for use safety-related switching OFF | Yes |
| service life maximum | 20 a |
| test wear-related service life necessary | Yes |
| proportion of dangerous failures | |
| with low demand rate according to SN 31920 | 40 % |
| with high demand rate according to SN 31920 | 73 % |
| B10 value with high demand rate according to SN 31920 | 1 000 000 |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 FIT |
| ISO 13849 | |
| device type according to ISO 13849-1 | 3 |
| overdimensioning according to ISO 13849-2 necessary | Yes |
| IEC 61508 | |
| safety device type according to IEC 61508-2 | Туре А |
| Electrical Safety | |
| protection class IP on the front according to IEC 60529 | IP20 |
| touch protection on the front according to IEC 60529 | finger-safe, for vertical contact from the front |
| Approvals Certificates | |
| General Product Approval | |

General Product Approval









<u>KC</u>



EMV Test Certificates

Maritime application



Special Test Certificate









Maritime application other Railway Environment







<u>Confirmation</u> <u>Special Test Certificate</u>



Environment

Environmental Confirmations

Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3RT2046-1KB44-3MA0

Cax online generator

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1KB44-3MA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

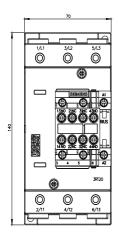
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2046-1KB44-3MA0&lang=en

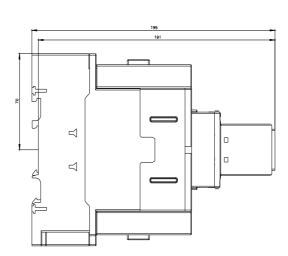
Characteristic: Tripping characteristics, I2t, Let-through current

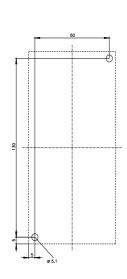
https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1KB44-3MA0/char

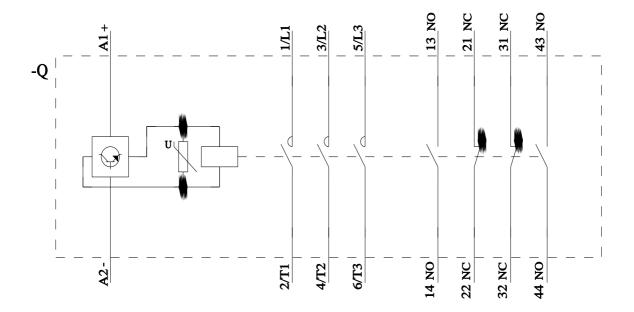
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1KB44-3MA0&objecttype=14&gridview=view1









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