## SIEMENS

## Data sheet

product brand name

product category



SIRIUS soft starter 200-480 V 38 A, 110-250 V AC spring-type terminals Thermistor input

3RW5217-3TC14



product designation	Soft starter		
product type designation	3RW52		
manufacturer's article number			
<ul> <li>of standard HMI module usable</li> </ul>	<u>3RW5980-0HS00</u>		
<ul> <li>of high feature HMI module usable</li> </ul>	<u>3RW5980-0HF00</u>		
<ul> <li>of communication module PROFINET standard usable</li> </ul>	<u>3RW5980-0CS00</u>		
<ul> <li>of communication module PROFIBUS usable</li> </ul>	<u>3RW5980-0CP00</u>		
<ul> <li>of communication module Modbus TCP usable</li> </ul>	<u>3RW5980-0CT00</u>		
<ul> <li>of communication module Modbus RTU usable</li> </ul>	<u>3RW5980-0CR00</u>		
<ul> <li>of communication module Ethernet/IP</li> </ul>	<u>3RW5980-0CE00</u>		
<ul> <li>of circuit breaker usable at 400 V</li> </ul>	3RV2032-4WA10; Type of coordination 1, Iq = 65 kA, CLASS 10		
<ul> <li>of circuit breaker usable at 500 V</li> </ul>	3RV2032-4WA10; Type of coordination 1, Iq = 10 kA, CLASS 10		
• of circuit breaker usable at 400 V at inside-delta circuit	3RV2032-4RA10; Type of coordination 1, Iq = 65 kA, CLASS 10		
<ul> <li>of circuit breaker usable at 500 V at inside-delta circuit</li> </ul>	3RV2032-4RA10; Type of coordination 1, Iq = 10 kA, CLASS 10		
<ul> <li>of the gG fuse usable up to 690 V</li> </ul>	3NA3824-6; Type of coordination 1, Iq = 65 kA		
<ul> <li>of the gG fuse usable at inside-delta circuit up to 500 V</li> </ul>	3NA3824-6; Type of coordination 1, Iq = 65 kA		
<ul> <li>of full range R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE1820-0; Type of coordination 2, Iq = 65 kA</u>		
<ul> <li>of back-up R fuse link for semiconductor protection usable up to 690 V</li> </ul>	<u>3NE8024-1; Type of coordination 2, Iq = 65 kA</u>		
eneral technical data			
starting voltage [%]	30 100 %		
stopping voltage [%]	50 %; non-adjustable		
start-up ramp time of soft starter	0 20 s		
current limiting value [%] adjustable	130 700 %		
certificate of suitability			
CE marking	Yes		
UL approval	Yes		
CSA approval	Yes		
product component			
HMI-High Feature	No		
<ul> <li>is supported HMI-Standard</li> </ul>	Yes		
<ul> <li>is supported HMI-High Feature</li> </ul>	Yes		
product feature integrated bypass contact system	Yes		
number of controlled phases	3		
buffering time in the event of power failure			

SIRIUS

Hybrid switching devices

utilization category according to IEC 80947-4-2AC 53areference code according to IEC 81346-2QSubstance Prohibitance (Date)02/15/2018SVHC substance nameLead - 7439-92- Lead monoxide 2-methyl-1(4-m 2,2'6,6'-tetrabro Dodecachlorope ('Dechlorane Ph any combination Dibutylbis(penta Dodecamethylcy Diboron trioxideproduct functionYes• ramp-up (soft starting)Yes• ramp-down (soft stop)Yes• Soft TorqueYes• adjustable current limitationYes• motor overload protectionYes• motor overload protectionYes• manual RESETYes• ramoula RESETYes• communication functionYes• ramote resetYes• ramote resetYes• operating measured value displayYes; Duly in com Yes; Only in com Yes; Only in com Yes; Only in com Yes; only in com Yes; in connection• via software parameterizableNo• via software configurableYes• PROFlenergyYes, in connection• removable terminal for control circuitYes	12 g / 11 ms with potential contact lifting ad oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or hereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
insulation voltage rated value       600 V         degree of pollution       3, acc. to IEC 60         impulse voltage rated value       6 kV         blocking voltage of the thyristor maximum       1 600 V         service factor       1         surge voltage resistance rated value       6 kV         maximum permissible voltage for protective separation       600 V         sbetween main and auxiliary circuit       600 V         shock resistance       15 g / 11 ms, fro         utilization category according to IEC 60947-4-2       AC 53a         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       02/15/2018         Lead - 7439-92-Lead monoxide       2-methyrb-1(4-m         2.7 6,6 <sup>1</sup> -tetrator       1 any combination         Diboron trioxide       Diboron trioxide         instrable current limitation       Yes         • soft Torque       Yes         • adjustable current limitation       Yes         • pump ramp down       Yes         • instrinsic device protection       Yes; Full motor yoerload protection         • evaluation of thermistor motor protection       Yes; Type A PTG         • inside-delta circuit       Yes         • remote reset       Yes; By turning or	12 g / 11 ms with potential contact lifting ad oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or hereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
degree of pollution       3, acc. to IEC 60         impulse voltage rated value       6 kV         blocking voltage of the thyristor maximum       1 600 V         service factor       1         maximum permissible voltage for protective separation       6 kV         between main and auxiliary circuit       600 V         shock resistance       15 g / 11 ms, fro         utilization category according to IEC 60947-4-2       AC 53a         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       02/15/2018         SVHC substance name       Lead - 7439-92- Lead monoxide         2.8 (6-1etrabro 1.6 7.8,9 14,15;       2.7 (8-1etrabro 1.6 7.8,9 14,15;         product function       res         • ramp-up (soft starting)       Yes         • ramp-down (soft stop)       Yes         • soft Torque       Yes         • adjustable current limitation       Yes         • motor overload protection       Yes; Full motor roverload protection         • evaluation of thermistor motor protection       Yes; Type A PTT         • manual RESET       Yes         • remote reset       Yes; Only in con         • communication function       Yes         • communication function       Yes	12 g / 11 ms with potential contact lifting ad oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or hereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
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blocking voltage of the thyristor maximum       1 600 V         service factor       1         surge voltage resistance rated value       6 kV         maximum permissible voltage for protective separation       600 V         shock resistance       15 g / 11 ms, fro         utilization category according to IEC 60947-4-2       AC 53a         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       02/15/2018         SVHC substance name       Lead - 7439-92-Lead monoxide 2-methyl-1-(4-may)-216,60°-tetrabro 1,6,7,8,9,14,5)         Dodecamethylo;       0.215/2018         SVHC substance name       Lead - 7439-92-Lead monoxide 2-methyl-1-(4-may)-16,60°-tetrabro 1,6,7,8,9,14,5)         Dodecamethylo;       Diboron trioxide         Diboron trioxide       Diboron trioxide         yea       soft Torque       Yes         • ramp-down (soft starting)       Yes         • ramp-down (soft stop)       Yes         • motor overload protection       Yes; Full motor yes; Full motor yoerload protection         • evaluation of thermistor motor protection       Yes; Type A PTO         • inside-detta circuit       Yes         • auto-RESET       Yes         • remote reset       Yes; Only in con         • operating measured value display	ead oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or nereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
service factor       1         surge voltage resistance rated value       6 kV         maximum permissible voltage for protective separation       6 kV         • between main and auxiliary circuit       600 V         shock resistance       15 g / 11 ms, fro         utilization category according to IEC 60947-4-2       AC 53a         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       02/15/2018         SVHC substance name       Lead - 7439-92-Lead monoxide 2-methyl-1-(4-m         _2', 6, 6'-tetrabro       1, 6, 7, 8, 9, 4, 15; Dodecachilorope         product function       2', 6, 6'-tetrabro         i. any-down (soft starting)       Yes         i. ramp-down (soft starting)       Yes         i. adjustable current limitation       Yes         i. motor overload protection       Yes; Full motor poverload protection         i. inside-detta circuit       Yes         i. inside-detta circuit       Yes         i. remote reset       Yes; By turning eventor         i. operating measured value display       Yes; Only in con         i. via software parameterizable       No         via software parameterizable       Yes         i. removable terminal for control circuit       Yes	ead oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or nereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
maximum permissible voltage for protective separation         • between main and auxiliary circuit         600 V         shock resistance       15 g / 11 ms, fro         utilization category according to IEC 60947-4-2       AC 53a         reference code according to IEC 81346-2       Q         Substance Prohibitance (Date)       02/15/2018         SVHC substance name       Lead -7439-92- Lead monoxide         Lead monoxide       2-methyl-1-(4-mr)         2.2', 6, 9, 14, 15;       Dodecarchiorope         0       ramp-up (soft starting)         e ramp-up (soft starting)       Yes         e adjustable current limitation       Yes         e pump ramp down       Yes         e avaluation of thermistor motor protection       Yes; Full motor poverload protection         e evaluation of thermistor motor protection       Yes; Type A PTC         e monual RESET       Yes         e remote reset       Yes; By turning or         e communication function       Yes         via software parameterizable       No         via software parameterizable       No         via software pongulate       Yes         errorologbook       Yes; only in con         via software configurable       Yes         errorolog	ead oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or nereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
maximum permissible voltage for protective separation         600 V           shock resistance         15 g / 11 ms, fro           utilization category according to IEC 60947-4-2         AC 53a           reference code according to IEC 81346-2         Q           Substance Prohibitance (Date)         02/15/2018           SVHC substance name         Lead - 7439-92- Lead monoxide           2-methyl-1-(4-m 2.2*6,6*-tertabro         2.6*-tertabro           2.6*-tertabro         0.6*-tertabro           0         vibioron trioxide           product function         Yes           • ramp-down (soft starting)         Yes           • soft Torque         Yes           • adjustable current limitation         Yes           • pump ramp down         Yes           • intrinsic device protection         Yes; Full motor poverload protect           • evaluation of thermistor motor protection         Yes; Type A PTC           • inside-delta circuit         Yes           • auto-RESET         Yes; By turning or           • communication function         Yes; Only in con           • inside-delta circuit         Yes           • auto-RESET         Yes; Only in con           • erante reset         Yes; Only in con           • communication function	ead oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or nereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
shock resistance15 g / 11 ms, froutilization category according to IEC 60947-4-2AC 53areference code according to IEC 81346-2QSubstance Prohibitance (Date)02/15/2018SVHC substance nameLead - 7439-92- Lead monoxide 2-methyl-1.4(-m 2.2: 6.6'-terabro 1.6,7.8,9.14,15,' Dodecachlorope ('Dechlorane Ph any combination Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dibutylbis(penta Dodecamethylc) Dodecamethylc) Dodecamethylc) Dodecamethylc) Dodecamethylc) Poeta es soft Torque es soft Torque es soft Torque evaluation of thermistor motor protection error logend protection error logend error logbook error logb	ead oxide) - 1317-36-8 hylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 o-4,4'-isopropylidenediphenol - 79-94-7 ,17,17,18,18- acyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene "™) covering any of its individual anti- and syn-isomers or nereof 2,4-dionato-O,O')tin - 22673-19-4 ohexasiloxane (D6) - 540-97-6
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<ul> <li>ramp-up (soft starting)</li> <li>ramp-down (soft stop)</li> <li>Soft Torque</li> <li>Soft Torque</li> <li>Adjustable current limitation</li> <li>yes</li> <li>intrinsic device protection</li> <li>Yes</li> <li>motor overload protection</li> <li>Yes; Full motor protection</li> <li>Yes; Full motor poverload protect</li> <li>evaluation of thermistor motor protection</li> <li>Yes; Type A PTO</li> <li>inside-delta circuit</li> <li>Yes</li> <li>auto-RESET</li> <li>Yes</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>yes; By turning of the period protection</li> <li>via software parameterizable</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>Yes; in connection</li> <li>Yes; in connection</li> <li>firmware update</li> <li>removable terminal for control circuit</li> </ul>	
<ul> <li>ramp-down (soft stop)</li> <li>Soft Torque</li> <li>Soft Torque</li> <li>Yes</li> <li>adjustable current limitation</li> <li>yes</li> <li>adjustable current limitation</li> <li>Yes</li> <li>pump ramp down</li> <li>Yes</li> <li>intrinsic device protection</li> <li>motor overload protection</li> <li>evaluation of thermistor motor protection</li> <li>evaluation of thermistor motor protection</li> <li>ves; Type A PTO</li> <li>inside-delta circuit</li> <li>ves</li> <li>auto-RESET</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>ves; in connection</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>Yes</li> </ul>	
<ul> <li>Soft Torque</li> <li>Soft Torque</li> <li>Yes</li> <li>adjustable current limitation</li> <li>yes</li> <li>pump ramp down</li> <li>Yes</li> <li>intrinsic device protection</li> <li>motor overload protection</li> <li>evaluation of thermistor motor protection</li> <li>yes; Type A PTO</li> <li>inside-delta circuit</li> <li>evaluation of thermistor motor protection</li> <li>Yes</li> <li>auto-RESET</li> <li>was</li> <li>eremote reset</li> <li>communication function</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>yes; in connection</li> <li>Yes; in connection</li> <li>Yes; in connection</li> </ul>	
• adjustable current limitationYes• pump ramp downYes• intrinsic device protectionYes• motor overload protectionYes; Full motor poverload protect• evaluation of thermistor motor protectionYes; Type A PTO• inside-delta circuitYes• auto-RESETYes• manual RESETYes• communication functionYes; Only in composition• operating measured value displayYes; Only in composition• via software parameterizableNo• via software configurableYes; in connection• removable terminal for control circuitYes	
<ul> <li>pump ramp down</li> <li>pump ramp down</li> <li>intrinsic device protection</li> <li>motor overload protection</li> <li>evaluation of thermistor motor protection</li> <li>evaluation of thermistor motor protection</li> <li>yes; Type A PTO</li> <li>inside-delta circuit</li> <li>auto-RESET</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>yes; Only in com</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>yes; in connection</li> <li>firmware update</li> <li>removable terminal for control circuit</li> </ul>	
<ul> <li>intrinsic device protection</li> <li>motor overload protection</li> <li>evaluation of thermistor motor protection</li> <li>evaluation of thermistor motor protection</li> <li>inside-delta circuit</li> <li>auto-RESET</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>yes</li> <li>operating measured value display</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>ves</li> <li>FROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> </ul>	
<ul> <li>motor overload protection</li> <li>Yes; Full motor proverload protect</li> <li>evaluation of thermistor motor protection</li> <li>yes; Type A PTO</li> <li>inside-delta circuit</li> <li>auto-RESET</li> <li>auto-RESET</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>yes; By turning of the second sec</li></ul>	
overload protect• evaluation of thermistor motor protectionYes; Type A PTO• inside-delta circuitYes• auto-RESETYes• manual RESETYes• remote resetYes; By turning of• communication functionYes; Only in com• operating measured value displayYes; Only in com• via software parameterizableNo• via software configurableYes; in connection• firmware updateYes; in connection• removable terminal for control circuitYes	
• inside-delta circuitYes• auto-RESETYes• manual RESETYes• remote resetYes; By turning of• communication functionYes; Only in communication function• operating measured value displayYes; Only in communication• error logbookYes; Only in communication• via software parameterizableNo• via software configurableYes; in connection• firmware updateYes; in connection• removable terminal for control circuitYes	
<ul> <li>auto-RESET</li> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>operating measured value display</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>via software update</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>Yes</li> </ul>	or Klixon / Thermoclick
<ul> <li>manual RESET</li> <li>remote reset</li> <li>communication function</li> <li>yes; By turning of the second second</li></ul>	
<ul> <li>remote reset</li> <li>communication function</li> <li>operating measured value display</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>Yes</li> <li>Yes</li> </ul>	
communication function Yes operating measured value display Yes; Only in com error logbook Via software parameterizable No via software configurable PROFlenergy Firmware update removable terminal for control circuit Yes	the central supply voltage
<ul> <li>operating measured value display</li> <li>error logbook</li> <li>via software parameterizable</li> <li>via software configurable</li> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>Yes; Only in control circuit</li> </ul>	the control supply voltage
• error logbookYes; Only in con• via software parameterizableNo• via software configurableYes• PROFlenergyYes; in connection• firmware updateYes• removable terminal for control circuitYes	nction with special accessories
<ul> <li>via software parameterizable</li> <li>via software configurable</li> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>No</li> <li>Yes</li> <li>Yes</li> </ul>	nction with special accessories
<ul> <li>via software configurable</li> <li>PROFlenergy</li> <li>firmware update</li> <li>removable terminal for control circuit</li> <li>Yes</li> </ul>	
PROFlenergy Yes; in connection     firmware update Yes     removable terminal for control circuit Yes	
firmware update Yes     removable terminal for control circuit Yes	with the PROFINET Standard communication module
torque control     No	
analog output     No	
Power Electronics	
operational current	
• at 40 °C rated value 38 A	
• at 50 °C rated value 33.5 A	
• at 60 °C rated value 30.5 A	
operational current at inside-delta circuit	
• at 40 °C rated value 65.8 A	
at 50 °C rated value     58 A	
• at 60 °C rated value     52.8 A	
• rated value 200 480 V	
tailed value     at inside-delta circuit rated value     200 480 V	
relative negative tolerance of the operating voltage -15 %	
relative negative tolerance of the operating voltage 10 %	
relative negative tolerance of the operating voltage at -15 %	

	—
inside-delta circuit	
relative positive tolerance of the operating voltage at inside-delta circuit	10 %
operating power for 3-phase motors	
<ul> <li>at 230 V at 40 °C rated value</li> </ul>	11 kW
<ul> <li>at 230 V at inside-delta circuit at 40 °C rated value</li> </ul>	18.5 kW
• at 400 V at 40 °C rated value	18.5 kW
<ul> <li>at 400 V at inside-delta circuit at 40 °C rated value</li> </ul>	30 kW
Operating frequency 1 rated value	50 Hz
Operating frequency 2 rated value	60 Hz
relative negative tolerance of the operating frequency	-10 %
relative positive tolerance of the operating frequency	10 %
adjustable motor current	
<ul> <li>at rotary coding switch on switch position 1</li> </ul>	15.5 A
<ul> <li>at rotary coding switch on switch position 2</li> </ul>	17 A
<ul> <li>at rotary coding switch on switch position 3</li> </ul>	18.5 A
<ul> <li>at rotary coding switch on switch position 4</li> </ul>	20 A
<ul> <li>at rotary coding switch on switch position 5</li> </ul>	21.5 A
<ul> <li>at rotary coding switch on switch position 6</li> </ul>	23 A
<ul> <li>at rotary coding switch on switch position 7</li> </ul>	24.5 A
<ul> <li>at rotary coding switch on switch position 8</li> </ul>	26 A
<ul> <li>at rotary coding switch on switch position 9</li> </ul>	27.5 A
<ul> <li>at rotary coding switch on switch position 10</li> </ul>	29 A
<ul> <li>at rotary coding switch on switch position 11</li> </ul>	30.5 A
<ul> <li>at rotary coding switch on switch position 12</li> </ul>	32 A
<ul> <li>at rotary coding switch on switch position 13</li> </ul>	33.5 A
<ul> <li>at rotary coding switch on switch position 14</li> </ul>	35 A
<ul> <li>at rotary coding switch on switch position 15</li> </ul>	36.5 A
<ul> <li>at rotary coding switch on switch position 16</li> </ul>	38 A
minimum	15.5 A
adjustable motor current	
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 1</li> </ul>	26.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 2</li> </ul>	29.4 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 3</li> </ul>	32 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 4</li> </ul>	34.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 5</li> </ul>	37.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 6</li> </ul>	39.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 7</li> </ul>	42.4 A
for inside-delta circuit at rotary coding switch on switch     position 8	45 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 9</li> </ul>	47.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 10</li> </ul>	50.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 11</li> <li>for inside delta circuit at rotary coding switch on switch</li> </ul>	52.8 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch position 12</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	55.4 A 58 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	50 A 60.6 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	63.2 A
<ul> <li>for inside-delta circuit at rotary coding switch on switch</li> <li>for inside-delta circuit at rotary coding switch on switch</li> </ul>	65.8 A
position 16 • at inside-delta circuit minimum	26.8 A
minimum load [%]	15 %; Relative to smallest settable le
power loss [W] for rated value of the current at AC	

<ul> <li>at 40 °C after startup</li> </ul>	23 W
• at 50 °C after startup	22 W
<ul> <li>at 60 °C after startup</li> </ul>	21 W
power loss [W] at AC at current limitation 350 %	
• at 40 °C during startup	628 W
• at 50 °C during startup	526 W
• at 60 °C during startup	464 W
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz	110 250 V
• at 60 Hz	110 250 V
relative negative tolerance of the control supply voltage at AC at 50 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 50 Hz	10 %
relative negative tolerance of the control supply voltage at AC at 60 Hz	-15 %
relative positive tolerance of the control supply voltage at AC at 60 Hz	10 %
control supply voltage frequency	50 60 Hz
relative negative tolerance of the control supply voltage frequency	-10 %
relative positive tolerance of the control supply voltage frequency	10 %
control supply current in standby mode rated value	30 mA
holding current in bypass operation rated value	75 mA
inrush current by closing the bypass contacts maximum	0.17 A
	12.2 A
inrush current peak at application of control supply voltage maximum	
duration of inrush current peak at application of control supply voltage	2.2 ms
design of the overvoltage protection	Varistor
design of short-circuit protection for control circuit	4 A gG fuse (Icu=1 kA), 6 A quick-acting fuse (Icu=1 kA), C1 miniature circuit breaker (Icu= 600 A), C6 miniature circuit breaker (Icu= 300 A); Is not part of scope of supply
Inputs/ Outputs	
	1
number of digital inputs	1
number of digital inputs number of digital outputs	3
number of digital inputs number of digital outputs • not parameterizable	3 2
number of digital inputs number of digital outputs • not parameterizable digital output version	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO)
number of digital inputs number of digital outputs • not parameterizable digital output version number of analog outputs	3 2
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • downwards	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side         weight without packaging	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side         weight without packaging	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side         weight without packaging         Connections/ Terminals	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 5 mm
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • at the side         weight without packaging         Connections/ Terminals         type of electrical connection	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg
number of digital inputs         number of digital outputs         • not parameterizable         digital output version         number of analog outputs         switching capacity current of the relay outputs         • at AC-15 at 250 V rated value         • at DC-13 at 24 V rated value         Installation/ mounting/ dimensions         mounting position         fastening method         height         width         depth         required spacing with side-by-side mounting         • forwards         • backwards         • upwards         • at the side         weight without packaging         Connections/ Terminals         type of electrical connection         • for main current circuit	3 2 2 normally-open contacts (NO) / 1 changeover contact (CO) 0 3 A 1 A with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing 275 mm 170 mm 152 mm 10 mm 0 mm 100 mm 75 mm 5 mm 2.3 kg

•• with conductor cross-section 2 5 mm <sup>2</sup> maxmum     100 m     •• with conductor cross-section 2 5 mm <sup>2</sup> maxmum     20 m     20 m			
• with conductor cross-sections         260 m.           type of connectable conductor cross-sections         - sold           - sold         2x (10 25 mm <sup>2</sup> ), 2x (25 60 mm <sup>2</sup> )           - for ANC cables for man unrent cract sold         2x (10 25 mm <sup>2</sup> ), 2x (25 60 mm <sup>2</sup> )           - for control circuit shely stranded with core end processing         2x (25 16 mm <sup>2</sup> )           - for control circuit shely stranded with core end processing         2x (25 16 mm <sup>2</sup> )           - for control circuit shely stranded with core end processing         2x (22 15 mm <sup>2</sup> )           - for control circuit shely stranded with         2x (24 10)           - for ANC cables for control circuit shely stranded with         2x (24 10)           - for main contrads, with screw-type terminals         00 m           • for main contrads, with screw-type terminals         00 m           • for main contrads, with screw-type terminals         00 m           • for main contrads, with screw-type terminals         18	<ul> <li>with conductor cross-section = 0.5 mm<sup>2</sup> maximum</li> </ul>	50 m	
Type of connectable conductor cross-sections              if or main contrads			
		250 m	
<ul> <li></li></ul>	type of connectable conductor cross-sections		
	<ul> <li>for main contacts</li> </ul>		
	— solid		
Type of connectable conductor cross-sections              • for control circuit sold             • for control circuit sold             • for control circuit sold             • for AVG cables for control circuit sold             • for AVG cables for control circuit fiely standed with             circuit fiely standed with core end processing             • for AVG cables for control circuit fiely standed with             circuit fiely standed with             • circuit fiely standed with core end processing             • circuit fiely standed with             • circuit fiely standed with             • circuit standed field induct at circuit sold             • circuit fiely standed with             • circuit standed field             • circuit standed             • circuit standed field             • circuit standed             • circuit standed field             • circuit standed             • circuit stande	<ul> <li>— finely stranded with core end processing</li> </ul>	2x (1.0 2.5 mm²), 2x (2.5 6.0 mm²)	
2: (0.25 1.5 mm)         4: for control circuit solid         4: for control circuit fieldy standed with core and processing         4: for AWG cables for control circuit fieldy standed with core and processing         4: for AWG cables for control circuit fieldy standed with core and processing         4: for AWG cables for control circuit fieldy standed with core and processing         4: for AWG cables for control circuit fieldy standed with core and processing         4: for display and contor contacts with screw-type         4: for main contacts with screw-type terminals         4: for main contacts with screw-type terminals         5: for main contacts with screw-type terminals         6: for main contacts with screw-type terminals         7: for main contacts with screw-type terminals	<ul> <li>for AWG cables for main current circuit solid</li> </ul>	2x (16 12), 2x (14 8)	
<ul> <li>for control circuit fieldy standed with occe and processing</li> <li>for AWG cables for control circuit fieldy standed with core and processing</li> <li>for AWG cables for control circuit fieldy standed with core and processing</li> <li>for addition processing</li> <li>of reading and maximum</li> <li>for main contacts with screew-type terminals</li> <li>for main contact with screew-type terminals</li> <li>for during to the contactscreew t</li></ul>	type of connectable conductor cross-sections		
	<ul> <li>for control circuit solid</li> </ul>	2x (0.25 1.5 mm²)	
• of AVG cables for control circuit finely stranded with core entry processing     2x (24 16)       • wire length     • B00 m       • at the digital inputs at AC maximum     100 m       • for rain controls with screw-type terminals     2 2.5 N m       • of or auxiliary and control contacts with screw-type terminals     0.8 12 N m       • of or auxiliary and control contacts with screw-type terminals     15 22 Ibf in       • of or auxiliary and control contacts with screw-type terminals     7 10.3 Ibf in       • for main contacts with screw-type terminals     7 10.3 Ibf in       • for main contacts with screw-type terminals     5.000 m; Derating as of 1000 m, see catalog       • during operation     -25 +60 °C; Please observe derating at temperatures of 40 °C or above       • during operation     -26 +60 °C; Please observe derating at temperatures of 40 °C or above       • during operation     -26 +60 °C; Please observe derating at temperatures of 40 °C or above       • during strage according to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)       Environmental footprint     -26 +60 °C;       Simens Eco Profile (SEP)     Simens EcoTech       ECONTROL For Straded For Straded Faults     -27 251, 2M2 (max. fail height 0.3 m)       Environmental footprint     -28 126 Kort (max. fail height 0.3 m)       Environmental footprint     -28 180 Kort (max. fail height 0.3 m)       Environmental footprint <td><ul> <li>for control circuit finely stranded with core end processing</li> </ul></td> <td>2x (0.25 1.5 mm²)</td>	<ul> <li>for control circuit finely stranded with core end processing</li> </ul>	2x (0.25 1.5 mm²)	
core end processing         Herein and motor maximum         800 m           • between soft standar and motor maximum         100 m           • of main contacts with screw-type terminals         22.5 N m           • for main contacts with screw-type terminals         22.5 N m           • for main contacts with screw-type terminals         102.1 km           • for main contacts with screw-type terminals         12.2 br in           • for main contacts with screw-type terminals         12.2 br in           • for main contacts with screw-type terminals         1	<ul> <li>for AWG cables for control circuit solid</li> </ul>	2x (24 16)	
• between soft stater and motor maximum     800 m       • at the digital inputs at AC maximum     100 m       • for main contacts with screw-type terminals     22.5 N m       • for main contacts with screw-type terminals     01.2 N m       • for auxiliary and control contacts with screw-type terminals     102 lpf in       • for auxiliary and control contacts with screw-type terminals     10		2x (24 16)	
• et the digital inputs at AC maximum     100 m       fightening torque     22.5 N m       • for main contacts with screw-type terminals     0.81.2 N m       • for main contacts with screw-type terminals     0.81.2 N m       • for main contacts with screw-type terminals     19	wire length		
tightening torque <ul> <li>of or main contacts with screw-type terminals</li> <li>0.812.N m</li> <li>0.812.N m<td><ul> <li>between soft starter and motor maximum</li> </ul></td><td>800 m</td></li></ul>	<ul> <li>between soft starter and motor maximum</li> </ul>	800 m	
• for main contacts with screw-type terminals         2 2.5 N m           • for auxiliary and control contacts with screw-type terminals         0.3 1.2 N m           • for rain contacts with screw-type terminals         18	<ul> <li>at the digital inputs at AC maximum</li> </ul>	100 m	
• for auxiliary and control contacts with screw-type     0.8 1.2 N·m       • for main contacts with screw-type terminals     18 22 IbF in       • for main control contacts with screw-type     7 10.3 IbF in       • minals     5000 m; Deraling as of 1000 m, see catalog       ambient conditions     5 000 m; Deraling as of 1000 m, see catalog       ambient conditions     - 0.0 m; Deraling as of 1000 m, see catalog       ambient conditions     - 25 460 °C; Please observe derating at temperatures of 40 °C or above       • during operation according to IEC 60721     3K6 (no loc formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M8       • during storage according to IEC 60721     2K2 (201, 281, 204 (max, fail height 0.3 m)       • during transport according to IEC 60721     2K2 (201, 281, 204 (max, fail height 0.3 m)       • during transport according to IEC 60721     2K2, 201, 281, 204 (max, fail height 0.3 m)       • Communication Protocol     -       communication Protocol     <	tightening torque		
terminals       1         ightening torque [IbH1]	<ul> <li>for main contacts with screw-type terminals</li> </ul>	2 2.5 N·m	
tightening torque [ibFin] <ul> <li>tor main contacts with screw-type terminals</li> <li>for main contacts with screw-type</li> <li>terminals</li> <li>Ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>6 000 m; Derating as of 1000 m, see catalog</li> </ul> <li>ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>6 000 m; Derating as of 1000 m, see catalog</li> <li>ambient conditions</li> <li>installation altitude at height above sea level maximum</li> <li>auting operation</li> <li>during storage and transport</li> <li>during storage according to IEC 60721</li> <li>tex (song must not get lint the devices), 1M4</li> <li>during storage according to IEC 60721</li> <li>get consumication conducts in the devices), 1M4</li> <li>during storage according to IEC 60721</li> <li>get consumication conduction the devices), 1M4</li> <li>during transport according to IEC 60721</li> <li>get consumication problem is supported</li> <li>get consumication module is supported</li> <li>get consumication problem is supported<!--</td--><td><ul> <li>for auxiliary and control contacts with screw-type</li> </ul></td><td>0.8 1.2 N·m</td></li>	<ul> <li>for auxiliary and control contacts with screw-type</li> </ul>	0.8 1.2 N·m	
• for main contracts with screw-type terminals       18 22 lbFin         • for auxiliary and control contracts with screw-type terminals       7 10.3 lbFin         Antibent conditions       5 000 m; Derating as of 1000 m; see catalog         installation altitude at height above sea level maximum       5 000 m; Derating as of 1000 m; see catalog         ambient temperature       • during storage and transport       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage according to IEC 60721       SK6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get inside the devices), 1M4         • during storage according to IEC 60721       SK6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       ZK2, 2C1, 2S1, 2M2 (max; fall height 0.3 m)         Environmental footprint       Stemens Eco Profite (SEP)         Stemens Eco Profite (SEP)       Stemens Eco Tech         econnunciation / Protocol       Communication / Protocol         Communication / Protocol       Yes         • Addo/480 V according to UL       Yes         • Addo/480 V according to UL       Stemens type: 3RV2742, max; 70 A or 3VA51, max; 125 A; lq = 5 KA         Stemens type: 3RV2742, max; 70 A or 3VA51, max; 125 A; lq = 5 KA       Stemens type: 3RV2742, max; 70 A or 3VA51, max; 125 A; lq = 5 KA	terminals		
• for auxiliary and control contacts with screw-type terminals     Anbient conditions     Installation allitude at height above sea level maximum     ambient temperature     • (uring operation     • (uring operation coording to IEC 60721     • (uring operation coording to IEC 60721     • (uring transport according to UE     • (uring transport according to UE     • (uring transport according to UE     • (uring transport     • (u	tightening torque [lbf·in]		
Ambient conditions       Finitialision alight above sea level maximum         installation alight above sea level maximum       5 000 m; Derating as of 1000 m, see catalog         ambient temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +80 °C         • during storage according to IEC 60721       3K6 (no lee formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fail height 0.3 m)         Environmental footprint       Siemens EcoTech         Siemens EcoTech       acc. to IEC 60947-4-2: Class A         Communication module is supported       Yes         • ROFINET standard       Yes         • Ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA         • Ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA         • Ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA         • Ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA         • ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA         • ad 60/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA	<ul> <li>for main contacts with screw-type terminals</li> </ul>	18 22 lbf·in	
Ambient conditions         instalation allitude at height above sea level maximum       5 000 m; Derating as of 1000 m, see catalog         ambient temperature		7 10.3 lbf-in	
Installation attitude at height above sea level maximum       5 000 m; Derating as of 1000 m, see catalog         ambient temporature			
amblent temperature       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +80 °C         environmental category       • during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage and transport       -40 +80 °C         • during storage according to IEC 60721       Sk6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (stand must not get in the devices), 3M6         • during transport according to IEC 60721       Sk6 (no ice formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get in inade the devices), 1M4         • during transport according to IEC 60721       Skemens Eco Tech         EtMC emitted interforence       acc. to IEC 60947-4-2: Class A         Communication/ Protocol       communication/ Protocol         communication/ Protocol       Yes         • ROFIBUS       Yes         • Modbus RTU       Yes         • end 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 460/480 V a tinside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • of circuit breaker usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at			
• during operation       -25 +60 °C; Please observe derating at temperatures of 40 °C or above         • during storage and transport       -40 +80 °C         environmental category       SK6 (no loe formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during storage according to IEC 60721       SK6 (no loe formation, only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint		5 000 m; Derating as of 1000 m, see catalog	
• during storage and transport     -40 +80 °C       environmental category     3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6       • during storage according to IEC 60721     1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 3M6       • during transport according to IEC 60721     2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)       Environmental footprint     Siemens EcoTech       Siemens EcoTech     EMC emitted Interference       communication module is supported     -PROFINET standard       • PROFINET standard     Yes       • Modbus TCP     Yes       • Modbus TCP     Yes       • PROFIBUS     Yes       UICSA ratings     Yes       manufacturer's article number     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker usable for Standard Faults     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker usable for Standard Faults     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker usable for Standard Faults     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker     Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       0 ericit breaker     Siemens type: 3RV2742, max. 70 A	-		
environmental category <ul> <li>during operation according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during storage according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>during transport according to IEC 60721</li> <li>Exc 2 C1, 2S1, 2M2 (max. fall height 0.3 m)</li> </ul> <li>Environmental footprint</li> <li>Siemens Eco Profile (SEP)</li> <li>Siemens Eco Profile (SEP)</li> <li>Siemens EcoTech</li> <li>EMC emitted interference</li> <li>acc. to IEC 60947-4-2: Class A</li> <li>Communication module is supported         <ul> <li>PROFINET standard</li> <li>Yes</li> <li>Modus RTU</li> <li>Yes</li> <li>Modus RTU</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> </ul> </li> <li>UL/CSA ratings</li> <li>manufacturer's article number         <ul> <li>of circuit breaker usable for Standard Faults</li> <li>-at 460/480 V according to UL</li> <li>-60/480 V according to UL</li> <li>-at 675/600 V according to UL</li> <li>-</li></ul></li>			
• during operation according to IEC 60721       3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6         • during storage according to IEC 60721       1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4         • during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m) <b>Environmental footprint</b> 3         Siemens Eco Profile (SEP)       Siemens EcoTech <b>EMC emitted interference</b> acc. to IEC 60947.4-2: Class A <b>communication Protocol</b> 7 <b>communication module is supported</b> Yes         • PROFINET standard       Yes         • DROFIBUS       Yes         • PROFIBUS       Yes         • DAddwdw RTU       Yes         • Of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • of direcuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA	during storage and transport	-40 +80 °C	
(sand must not get into the devices), 3M6         • during storage according to IEC 60721         1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get into the devices), 1M4         • during transport according to IEC 60721         2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint         Siemens Eco Profile (SEP)         EMC emitted interference         acc. to IEC 60947.4-2: Class A         Communication module is supported         • PROFINET standard         • Chen-Ket/IP         Yes         • Modbus RTU         • PROFIBUS         Yes         • PROFIBUS         VICSA ratings         manufacturer's article number         • of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 60/480 V according to UL         - at 450/480 V at inside-delta circuit according to UL         - at 450/490 V at inside-delta circuit according to UL         - at 575/600 V according to UL         - at 575/600 V according to UL         - usable for High Faults up to 575/600 V         - usable for High Faults up to 575/600 V         - usable for High Faults up to 575/600 V         - usable for High Faults up to 575/600 V         - usable for High Faul	environmental category		
• during transport according to IEC 60721       2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)         Environmental footprint         Siemens Eco Profile (SEP)       Siemens EcoTech         EMC emitted interference       acc. to IEC 60947-4-2: Class A         Communication module is supported       • PROFINET standard         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus RTU       Yes         • PROFINET standard       Yes         • Of Circuit breaker usable for Standard Faults       Yes         • of circuit breaker usable for Standard Faults       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • of vaccording to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 460/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 4575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         • of the fuse	<ul> <li>during operation according to IEC 60721</li> </ul>		
Environmental footprint         Siemens Eco Profile (SEP)         EMC emitted interference         acc. to IEC 60947-4-2: Class A         Communication module is supported         • PROFINET standard         • EtherNet/IP         Yes         • Modbus RTU         • PROFIBUS         Yes         • Modbus TCP         • PROFIBUS         Yes         • Of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 60/480 V according to UL         - 60/480 V according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 61/576600 V according to UL         - at 575/600 V according to UL	<ul> <li>during storage according to IEC 60721</li> </ul>		
Siemens Eco Profile (SEP)         Siemens EcoTech           EMC emitted interference         acc. to IEC 60947-4-2: Class A           Communication module is supported         etherNet/IP           • PROFINET standard         Yes           • EtherNet/IP         Yes           • Modbus RTU         Yes           • Modbus RTU         Yes           • Modbus TCP         Yes           • PROFIBUS         Yes           UL/CSA ratings         Yes           manufacturer's article number         of circuit breaker usable for Standard Faults           - at 460/480 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           - 60/480 V at inside-delta circuit according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           - at 575/600 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           - at 575/600 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           - at 575/600 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA           - at 575/600 V according to UL         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA	<ul> <li>during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. fall height 0.3 m)	
EMC emitted interference       acc. to IEC 60947-4-2: Class A         Communication / Protocol         communication module is supported         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes <b>UL/CSA ratings</b> Yes         manufacturer's article number       of circuit breaker usable for Standard Faults         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 657/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according to	Environmental footprint		
Communication/ Protocol         communication module is supported         • PROFINET standard       Yes         • EtherNet/IP       Yes         • Modbus RTU       Yes         • Modbus TCP       Yes         • PROFIBUS       Yes <b>UL/CSA ratings</b> Yes         manufacturer's article number       of circuit breaker usable for Standard Faults         - at 460/480 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 60/480 V at inside-delta circuit according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - at 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA         - usable for Standard Faults up to 575/600 V according to UL       Type: Class RK5 / K5, max. 150	Siemens Eco Profile (SEP)	Siemens EcoTech	
communication module is supported            • PROFINET standard             • EtherNet/IP             • Modbus RTU             • Modbus TCP             • PROFIBUS <b>UL/CSA ratings manufacturer's article number</b> • of circuit breaker usable for Standard Faults             - at 460/480 V according to UL             - at 460/480 V according to UL             - at 460/480 V at inside-delta circuit according to UL             - at 460/480 V at inside-delta circuit according to UL             - at 460/480 V at inside-delta circuit according to UL             - at 675/600 V at inside-delta circuit according to UL             - at 575/600 V at inside-delta circuit according to UL             - at 575/600 V at inside-delta circuit according to UL             - u sable for Standard Faults up to 575/600 V             - usable for Standard Faults up to 575/600 V             - usable for Standard Faults up to 575/600 V	EMC emitted interference	acc. to IEC 60947-4-2: Class A	
• PROFINET standardYes• EtherNet/IPYes• Modbus RTUYes• Modbus RTUYes• Modbus TCPYes• PROFIBUSYes <b>UL/CSA ratings</b> YesUL/CSA ratingsstandard Faults• of circuit breaker usable for Standard Faults- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- of the fuse usable for Standard Faults up to 575/600 VType: Class RK5 / K5, max. 150 A; lq = 100 kA- usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 150 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 150 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 150 A; lq = 5 kA- usable for Standard Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 150 A; lq = 5 kA	Communication/ Protocol		
• EtherNet/IPYes• Modbus RTUYes• Modbus TCPYes• PROFIBUSYes• PROFIBUSYes• <b>UL/CSA ratings</b> Ves• of circuit breaker usable for Standard Faults-• of circuit breaker usable for Standard FaultsSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of olicuit breaker usable for Standard FaultsSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of olicuit breaker usable for Standard FaultsSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of olika0 V a coording to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of olika0 V a tinside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of the fuse- usable for Standard Faults up to 575/600 VSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 KA• of the fuse- usable for High Faults up to 575/600 VType: Class RK5 / K5, max. 150 A; Iq = 5 KA• usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 150 A; Iq = 5 KA• usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 150 A; Iq = 5 KA• usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 150 A; Iq = 5 KA• usable for Standard Faults at inside-delta circuit upType: Class RK5 / K5, max. 150 A; Iq = 5 KA	communication module is supported		
<ul> <li>Modbus RTU</li> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>of circuit breaker usable for Standard Faults         <ul> <li>at 460/480 V according to UL</li> <li>60/480 V according to UL</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>60/480 V according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 60 A; lq max = 65 kA</li> <li>at 460/480 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>at 575/600 V at inside-delta circuit according to UL</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA</li> <li>of the fuse</li> <li>usable for Standard Faults up to 575/600 V</li> <li>according to UL</li> <li>gusable for High Faults up to 575/600 V according to UL</li> <li>musable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>musable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>musable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>musa</li></ul></li></ul>	<ul> <li>PROFINET standard</li> </ul>	Yes	
<ul> <li>Modbus TCP</li> <li>PROFIBUS</li> <li>Yes</li> <li>UL/CSA ratings</li> <li>of circuit breaker usable for Standard Faults</li> <li>- at 460/480 V according to UL</li> <li>- 60/480 V according to UL</li> <li>- 60/480 V according to UL</li> <li>- 60/480 V at inside-delta circuit according to UL</li> <li>- 60/480 V at inside-delta circuit according to UL</li> <li>- at 460/480 V at inside-delta circuit according to UL</li> <li>- at 460/480 V at inside-delta circuit according to UL</li> <li>- at 460/480 V at inside-delta circuit according to UL</li> <li>- at 575/600 V according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- at 575/600 V at inside-delta circuit according to UL</li> <li>- usable for Standard Faults up to 575/600 V according to UL</li> <li>- usable for High Faults up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>- usable for Standard Faults at inside-delta ci</li></ul>	EtherNet/IP	Yes	
• PROFIBUSYesUL/CSA ratingsmanufacturer's article number• of circuit breaker usable for Standard FaultsSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V according to ULSiemens type: 3RV2742, max. 40 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 460/480 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- at 575/600 V at inside-delta circuit according to ULSiemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; lq = 5 kA- usable for Standard Faults up to 575/600 VType: Class RK5 / K5, max. 150 A; lq = 5 kA- usable for High Faults up to 575/600 V according to ULType: Class RK5 / K5, max. 150 A; lq = 5 kA- usable for Standard Faults at inside-delta circuit up to 575/600 V according to ULType: Class RK5 / K5, max. 150 A; lq = 5 kA	Modbus RTU	Yes	
UL/CSA ratings         manufacturer's article number         • of circuit breaker usable for Standard Faults         - at 460/480 V according to UL         - 60/480 V according to UL         - at 460/480 V according to UL         - at 460/480 V according to UL         - at 460/480 V at inside-delta circuit according to UL         - at 460/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - 60/480 V at inside-delta circuit according to UL         - at 575/600 V according to UL         - at 575/600 V according to UL         - at 575/600 V at inside-delta circuit according to UL         - at 575/600 V at inside-delta circuit according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for High Faults up to 575/600 V according to UL         - usable for Standard Faults up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up to 575/600 V according to UL         - usable for Standard Faults at inside-delta circuit up to 575/600	Modbus TCP	Yes	
manufacturer's article number <ul> <li>of circuit breaker usable for Standard Faults</li> <li>at 460/480 V according to UL</li> <li>biemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max.40 A or 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3VA51, max. 60 A; Iq max = 65 kA</li> <li>Siemens type: 3VA51, max. 0 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: 3RV2742, max. 70 A or 3VA51, max. 125 A; Iq = 5 kA</li> <li>Siemens type: Class RK5 / K5, max. 150 A; Iq = 5 kA</li> <li>Type: Class RK5 / K5, max. 150 A; Iq = 100 kA</li> <li>UL</li> <li>Siemel for Standard Faults at inside-delta circuit up to 575/600 V according to UL</li> <li>Type: Class RK5 / K5, max. 150 A; Iq = 5 kA</li> </ul>	PROFIBUS	Yes	
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— usable for High Faults at inside-delta circuit up to Type: Class J / L, max. 150 A; Iq = 100 kA	- usable for Standard Faults at inside-delta circuit up	Type: Class RK5 / K5, max. 150 A; lq = 5 kA	
	we also far think. To the stimula data since it we to	Type: Class $1/1$ , may $450.4$ , $1 = 400.44$	

575/600 V according to UL				
operating power [hp] for 3-phase motors				
• at 200/208 V at 50 °C rated value		10 hp		
• at 220/230 V at 50 °C rated value		10 hp		
• at 460/480 V at 50 °C rated value		20 hp		
<ul> <li>at 200/208 V at inside-delta circuit at 50 °C rate</li> </ul>	ad value			
		15 hp		
• at 220/230 V at inside-delta circuit at 50 °C rate		20 hp		
at 460/480 V at inside-delta circuit at 50 °C rate		40 hp		
contact rating of auxiliary contacts according to L	JL	R300-B300		
Electrical Safety				
protection class IP on the front according to IEC 6		IP20		
touch protection on the front according to IEC 60	529	finger-safe, for vertical contact	from the front	
pprovals Certificates				
General Product Approval				
	Confirmation	UK CA	CE EG-Konf.	
General Product Approval EMV		Test Certificates	Marine / Shipping	
	KC	Type Test Certific- ates/Test Report	ABS	BUREAU VERITAS
Marine / Shipping of	ther	Environment		
Llovd's Register URS PRS	<u>Confirmation</u>	Siemens EcoTech	EPD	Environmental Con- firmations
urther information				
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/? Information- and Downloadcenter (Catalogs, Broc https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/Catalog. Cax online generator http://support.automation.siemens.com/WW/CAXorde Service&Support (Manuals, Certificates, Characte	hures,) /product?mlfb= er/default.aspx?	Plang=en&mlfb=3RW5217-3TC14	4	





