SIEMENS

Data sheet 3RV2311-0JC10



Circuit breaker size S00 for starter combination Rated current 1 A N-release 13 A screw terminal Standard switching capacity

| product designation design of the product product type designation Size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) • of the main contacts typical electrical endurance (switching cycles) typical reference code according to IEC 81346-2 Circuit breaker For starter combinations SRV2 S00 S00 S00 S00 S00 S00 S00 S00 S00 S |
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| product type designation General technical data size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value surge voltage resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 of the main contacts typical • of auxiliary contacts typical electrical endurance (switching cycles) typical 100 000 electrical endurance (switching cycles) typical |
| Size of the circuit-breaker Size of contactor can be combined company-specific Size of contactor can be contac |
| size of the circuit-breaker size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current at AC in hot operating state at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 and the main contacts typical of auxiliary contacts typical electrical endurance (switching cycles) typical |
| size of contactor can be combined company-specific product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 pof the main contacts typical • of auxiliary contacts typical electrical endurance (switching cycles) typical |
| product extension auxiliary switch power loss [W] for rated value of the current • at AC in hot operating state • at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 of the main contacts typical • of auxiliary contacts typical electrical endurance (switching cycles) typical Yes 7.25 W 690 V 2.4 W 690 V 25g / 11 ms |
| power loss [W] for rated value of the current • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (switching cycles) • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (switching cycles) typical 100 000 |
| at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 b of the main contacts typical of auxiliary contacts typical of auxiliary contacts typical electrical endurance (switching cycles) typical 100 000 100 000 |
| at AC in hot operating state per pole insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 of the main contacts typical of auxiliary contacts typical electrical endurance (switching cycles) typical 100 000 100 000 |
| insulation voltage with degree of pollution 3 at AC rated value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 shock resistance according to IEC 60068-2-27 e of the main contacts typical of auxiliary contacts typical electrical endurance (switching cycles) typical 690 V 6 kV 100 000 100 000 100 000 |
| value surge voltage resistance rated value shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (switching cycles) of the main contacts typical for auxiliary contacts typical electrical endurance (switching cycles) typical 100 000 |
| shock resistance according to IEC 60068-2-27 mechanical service life (switching cycles) of the main contacts typical for auxiliary contacts typical electrical endurance (switching cycles) typical 25g / 11 ms 100 000 100 000 |
| mechanical service life (switching cycles) ● of the main contacts typical 100 000 ● of auxiliary contacts typical 100 000 electrical endurance (switching cycles) typical 100 000 |
| of the main contacts typical of auxiliary contacts typical electrical endurance (switching cycles) typical 100 000 100 000 |
| ● of auxiliary contacts typical 100 000 electrical endurance (switching cycles) typical 100 000 |
| electrical endurance (switching cycles) typical 100 000 |
| , |
| reference code according to IEC 81346-2 Q |
| |
| Substance Prohibitance (Date) 10/01/2009 |
| Ambient conditions |
| installation altitude at height above sea level maximum 2 000 m |
| ambient temperature |
| • during operation -20 +60 °C |
| • during storage -50 +80 °C |
| • during transport -50 +80 °C |
| relative humidity during operation 10 95 % |
| Main circuit |
| number of poles for main current circuit 3 |
| operating voltage |
| • rated value 20 690 V |
| • at AC-3 rated value maximum 690 V |
| at AC-3e rated value maximum 690 V |
| operating frequency rated value 50 60 Hz |
| operational current rated value 1 A |
| operational current |
| at AC-3 at 400 V rated value 1 A |
| • at AC-3e at 400 V rated value 1 A |

| ### 14/C-3 ### 14/OV rated value ### 14/OV rated value #### 14/OV rated value #### 14/OV rated value ##### 14/OV rated value ################################### | | |
|--|--|------------|
| | | |
| | • at AC-3 | |
| at 500 V rated value | | |
| at 90 V rated value | | |
| | | |
| at 230 V rated value | | 0.6 kW |
| | | |
| | | |
| | | |
| operating frequency | | |
| at AC-3 maximum at AC-3 maximum 15 1/h Auxiliary circuit number of NC contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 product function ground fault detection product function of a ground fault detection of the phase failure detection breaking capacity maximum short-circuit current (Icu) of AC at 240 V rated value of AC at 240 V rated value of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC at 2500 V rated value of AC of AC of AC at 2500 V rated value of AC of AC of AC at 2500 V rated value of AC | | 0.6 KVV |
| auxiliary circuit number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts Protective and monitoring functions product function ground fault detection ho phase failure detection value at AC at 240 V rated value at AC at 240 V rated value at AC at 500 V fated value at AC at 500 V rated value at AC at 400 V rated value at AC at 400 V rated value at AC at 400 V rated value at 600 V rated value bull-CSA ratings full-load current (FLA) for 3-phase AC motor at 48 V rated value at 600 V rated value 1 A at 600 V rated value 1 A at 600 V rated value 2 A bull-CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A at 600 V rated value 1 A at 600 V rated value 2 A bull-CSA ratings full-load current (FLA) for 3-phase AC motor at 80 V rated value 1 A at 600 V rated value 2 A bull-CSA ratings full-doad current (FLA) for 3-phase AC motor at 80 V rated value 3 A at 600 V rated value 4 A at 600 V rated value 5 A at 600 V rated value 5 A 5 A 5 A 5 A 5 A 5 A 5 A 5 | | 45.40 |
| Auxillary circuit number of NC contacts for auxillary contacts number of CO contacts for auxillary contacts number of CO contacts for auxillary contacts 0 number of CO contacts for auxillary contacts 0 Protective and monitoring functions product function • ground fault detection • phase failure detection breaking capacity maximum short-circuit current (Icu) • at AC at 240 V rated value • at AC at 400 V rated value • at AC at 400 V rated value • at AC at 500 V rated value • at AC at 500 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 600 V rated value | | |
| number of NC contacts for auxillary contacts 0 number of NC contacts for auxillary contacts 0 number of CC contacts for auxillary contacts 0 protective and monitoring functions product function • ground fault detection • ground fault detection • product function • ground fault detection • product function • ground fault detection • no Preside fault detection • no No Preside fault detection • no No Preside fault detection • no Preside fault detection • no | | 15 1/n |
| number of NO contacts for auxiliary contacts number of CO contacts for auxiliary contacts 0 number of CO contacts for auxiliary contacts 0 Protective and monitoring functions product function e ground fault detection No breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 400 V rated value 100 kA at AC at 500 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA at AC at 690 V rated value 100 kA | | |
| number of CO contacts for auxiliary contacts Protective and monitoring functions product function ground fault detection phase failure detection to hase failure detection at AC at 240 V rated value at AC at 240 V rated value at AC at 690 V rated value at AC at 690 V rated value at AC at 400 V rated value to kA at 40 V rated value at 40 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 690 V rated value at 690 V rated value 100 kA at 400 V rated value 100 kA | | |
| Protective and monitoring functions product function ground fault detection hose phase failure detection proking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 590 V rated value at AC at 590 V rated value at 240 V rated value at 240 V rated value at 240 V rated value to 0 kA at 240 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 480 V rated value at 500 V rated value by included mechanical performance (hp) for 3-phase AC motor - at 575/600 V rated value yielded mechanical performance (hp) for 3-phase AC motor - at 575/600 V rated value product function short circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit rip design of the fuse link for IT network for short-circuit protection of the main circuit rip design of the fuse link for IT network for short-circuit protection of the main circuit protection of the main c | | |
| product function ground fault detection ground fault detection hos phase failure detection No breaking capacity maximum short-circuit current (icu) at AC at 240 V rated value 100 kA at AC at 400 V rated value 100 kA at AC at 46 800 V rated value 100 kA breaking capacity operating short-circuit current (ics) at AC at 240 V rated value 100 kA breaking capacity operating short-circuit current (ics) at AC at 240 V rated value 100 kA at 400 V rated value 100 kA at 500 V rated value 100 kA at 500 V rated value 100 kA at 500 V rated value 100 kA at 600 V rated value 100 kA at 600 V rated value 100 kA 10 | , | U |
| ground fault detection phase failure detection phase failure detection No breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 4500 V rated value at AC at 550 V rated value at AC at 590 V rated value at AC at 590 V rated value at AC at 690 V rated value at AC at 690 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 500 V rated value at 500 V rated value at 690 V rated value at 500 V rated value at 690 V rated value | - | |
| praking capacity maximum short-circuit current (icu) at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value breaking capacity operating short-circuit current (ics) at AC at 240 V rated value at 500 V rated value at 600 V rated value | • | N |
| breaking capacity maximum short-circuit current (Icu) at AC at 240 V rated value at AC at 400 V rated value to At AC at 500 V rated value at AC at 500 V rated value at AC at 500 V rated value to KA | 3 | |
| at AC at 240 V rated value at AC at 400 V rated value at AC at 500 V rated value at AC at 500 V rated value at AC at 600 V rated value at 500 V rated value at 600 V rated value 100 kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A at 600 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor —at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the short-circuit trip design of the suse link for IT network for short-circuit protection of the main circuit at 500 V at 690 V gL/gG 10 A gl/gG 10 A jl/gG 10 A | | NO . |
| at AC at 400 V rated value at AC at 500 V rated value 100 kA breaking capacity operating short-circuit current (ics) at AC at 240 V rated value 100 kA at 240 V rated value 100 kA at 240 V rated value 100 kA at 500 V rated value 100 kA response value current of instantaneous short-circuit trip unit response value current of instantaneous short-circuit trip unit 13 A ILLICAS ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor - at 575/600 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor - at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip adsign of the fuse link for IT network for short-circuit protection of the main circuit at 500 V gL/gG 10 A gL/gG 10 A gL/gG 10 A installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height for grounded parts at 400 V - downwards 30 mm | | 400 1.4 |
| at AC at 500 V rated value at AC at 500 V rated value breaking capacity operating short-circuit current (lcs) at AC at 240 V rated value 100 kA at 400 V rated value 100 kA at 500 V rated value 100 kA at 600 V rated value 100 kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor at 575:600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit at 600 V at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 width depth erequired spacing for grounded parts at 400 V —downwards 30 mm | | |
| • at AC at 690 V rated value breaking capacity operating short-circuit current (ics) at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit ULCSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 675/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip at 500 V • at 500 V • at 690 V gL/gG 10 A Installation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height width depth • for grounded parts at 400 V — downwards 30 mm | | |
| breaking capacity operating short-circuit current (Ics) at AC at 240 V rated value at 400 V rated value 100 kA at 690 V rated value 1100 kA response value current of instantaneous short-circuit trip unit 13 A UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A at 800 V rated value 1 A at 800 V rated value 1 A at 800 V rated value 1 A at 800 V rated value 1 A be at 800 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit at 550 V at 550 V gL/GG 10 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height yor mm width 45 mm depth frequired spacing for grounded parts at 400 V — downwards 30 mm | | |
| at AC • at 240 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value 1 A yielded mechanical performance [hp] • (or 3-phase AC motor — at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width depth 97 mm required spacing • for grounded parts at 400 V — downwards 30 mm | | 100 KA |
| at 400 V rated value at 500 V rated value at 690 V rated value 100 kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A at 600 V rated value 1 A sided mechanical performance [hp] for 3-phase AC motor — at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the fuse link for IT network for short-circuit protection of the main circuit at 690 V statillation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height 97 mm width depth 97 mm required spacing for grounded parts at 400 V — downwards 30 mm | | |
| at 500 V rated value at 690 V rated value 100 kA response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 1 A to 4600 V rated value 1 A yielded mechanical performance [hp] for 3-phase AC motor at 575/600 V rated value 0.5 hp Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit at 500 V at 690 V gL/gG 10 A gL/gG 10 A Installation/ mounting/ dimensions mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rall according to DIN EN 60715 height yielded parts at 400 V - downwards 30 mm | at 240 V rated value | 100 kA |
| o at 690 V rated value response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor o at 480 V rated value o at 600 V rated value o at 600 V rated value o at 600 V rated value o for 3-phase AC motor o at 575/600 V rated value o short-circuit protection product function short circuit protection product function short circuit protection design of the short-circuit trip odesign of the fuse link for IT network for short-circuit protection of the main circuit o at 690 V o at 690 V ol 4690 V ol 4690 V ol 500 V ol 600 V | ● at 400 V rated value | 100 kA |
| response value current of instantaneous short-circuit trip unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • for 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • for grounded parts at 400 V — downwards 3 A 13 A 13 A 13 A 14 A 15 A 16 A 16 A 16 A 16 A 16 A 18 | ● at 500 V rated value | 100 kA |
| unit UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • for 3-phase AC motor — at 575/600 V rated value Droduct function short circuit protection redesign of the short-circuit trip • at 500 V • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method required spacing • for grounded parts at 400 V — downwards 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 | • at 690 V rated value | 100 kA |
| full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 1 A yielded mechanical performance [hp] • for 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height yor mm required spacing • for grounded parts at 400 V — downwards 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 | | 13 A |
| at 480 V rated value at 600 V rated value yielded mechanical performance [hp] of or 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the main circuit protection of the main circuit of the main circuit of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for short-circuit protection of the main circuit of the fuse link for IT network for | UL/CSA ratings | |
| • at 600 V rated value yielded mechanical performance [hp] • for 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method according to DIN EN 60715 height width depth required spacing • for grounded parts at 400 V — downwards 1 A A A A A A A A A A A A A | full-load current (FLA) for 3-phase AC motor | |
| yielded mechanical performance [hp] • for 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • for grounded parts at 400 V — downwards 30 mm | at 480 V rated value | 1 A |
| • for 3-phase AC motor — at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • for grounded parts at 400 V — downwards 30 mm | at 600 V rated value | 1 A |
| - at 575/600 V rated value Short-circuit protection product function short circuit protection design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height width depth 97 mm required spacing • for grounded parts at 400 V — downwards 30 mm | yielded mechanical performance [hp] | |
| Short-circuit protection product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height width depth required spacing • for grounded parts at 400 V — downwards Yes magnetic Yes magnetic yes magnetic anguel/gG 10 A gL/gG 10 A screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm required spacing • for grounded parts at 400 V — downwards 30 mm | for 3-phase AC motor | |
| product function short circuit protection design of the short-circuit trip magnetic design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height width depth required spacing • for grounded parts at 400 V — downwards yes magnetic magnetic magnetic magnetic magnetic gL/gG 10 A gL/gG 10 A gL/gG 10 A screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm 30 mm | at 575/600 V rated value | 0.5 hp |
| design of the short-circuit trip design of the fuse link for IT network for short-circuit protection of the main circuit • at 500 V • at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height width depth required spacing • for grounded parts at 400 V — downwards magnetic pulse 10 A gL/gG | Short-circuit protection | |
| design of the fuse link for IT network for short-circuit protection of the main circuit at 500 V at 690 V gL/gG 10 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing for grounded parts at 400 V — downwards 30 mm | product function short circuit protection | Yes |
| protection of the main circuit at 500 V at 690 V gL/gG 10 A Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing for grounded parts at 400 V — downwards 30 mm | design of the short-circuit trip | magnetic |
| at 690 V Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width depth required spacing for grounded parts at 400 V downwards 30 mm | | |
| Installation/ mounting/ dimensions mounting position fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • for grounded parts at 400 V — downwards 30 mm | • at 500 V | gL/gG 10 A |
| mounting position any fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth 97 mm required spacing • for grounded parts at 400 V — downwards 30 mm | | gL/gG 10 A |
| fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 height 97 mm width 45 mm depth required spacing • for grounded parts at 400 V — downwards 30 mm | Installation/ mounting/ dimensions | |
| according to DİN EN 60715 height | mounting position | any |
| width 45 mm depth 97 mm required spacing ● for grounded parts at 400 V — downwards 30 mm | fastening method | |
| depth 97 mm required spacing ● for grounded parts at 400 V — downwards 30 mm | | |
| required spacing • for grounded parts at 400 V — downwards 30 mm | | |
| ◆ for grounded parts at 400 V — downwards | • | 97 mm |
| — downwards 30 mm | | |
| | | |
| — upwards 30 mm | | |
| | — upwards | 30 mm |

| — at the side | 9 mm | |
|---|--|---|
| for live parts at 400 V | 5 min | |
| — downwards | 30 mm | |
| — upwards | 30 mm | |
| — at the side | 9 mm | |
| • for grounded parts at 500 V | | |
| — downwards | 30 mm | |
| — upwards | 30 mm | |
| — at the side | 9 mm | |
| • for live parts at 500 V | · · · · · · · | |
| — downwards | 30 mm | |
| — upwards | 30 mm | |
| — at the side | 9 mm | |
| • for grounded parts at 690 V | · · · · · · · | |
| — downwards | 50 mm | |
| — upwards | 50 mm | |
| — backwards | 0 mm | |
| — at the side | 30 mm | |
| — at the side — forwards | 0 mm | |
| • for live parts at 690 V | V IIAII | |
| — downwards | 50 mm | |
| — upwards | 50 mm | |
| — upwarus — backwards | 0 mm | |
| — at the side | 30 mm | |
| — forwards | 0 mm | |
| Connections/ Terminals | O Hilli | _ |
| type of electrical connection | | |
| for main current circuit | corow typo terminals | |
| | screw-type terminals | |
| arrangement of electrical connectors for main current circuit | Top and bottom | |
| type of connectable conductor cross-sections | | |
| for main contacts | | |
| — solid or stranded | 2x (0,75 2,5 mm²), 2x 4 mm² | |
| finely stranded with core end processing | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) | |
| at AWG cables for main contacts | 2x (18 14), 2x 12 | |
| tightening torque | | |
| for main contacts with screw-type terminals | 0.8 1.2 N·m | |
| design of screwdriver shaft | Diameter 5 to 6 mm | |
| size of the screwdriver tip | Pozidriv size 2 | |
| design of the thread of the connection screw | | |
| • for main contacts | M3 | |
| Safety related data | IVIO | _ |
| B10 value | | |
| | 5,000 | |
| with high demand rate according to SN 31920 war artists of demands failured. | 5 000 | |
| proportion of dangerous failures | 50.9/ | |
| with low demand rate according to SN 31920 with high demand rate according to SN 31920 | 50 % | |
| with high demand rate according to SN 31920 failure rate (ELT) | 50 % | |
| failure rate [FIT] | EO EIT | |
| with low demand rate according to SN 31920 The state of the stat | 50 FIT | |
| T1 value for proof test interval or service life according to IEC 61508 | 10 y - | |
| 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 | |
| display version for switching status | Handle | |
| ertificates/ approvals | | |
| ertificates/ approvais | | |



Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certific-<u>ate</u>

Type Test Certificates/Test Report







Marine / Shipping

other









Confirmation



Railway

Vibration and Shock

Confirmation

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2311-0JC10

Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RV2311-0JC10}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-0JC10

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2311-0JC10&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-0JC10/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2311-0JC10&objecttype=14&gridview=view1

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