SIEMENS

Data sheet

3VA2340-5KQ32-0AA0



CIRCUIT BREAKER 3VA2 IEC FRAME 400 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 3-POLE, LINE PROTECTION ETU860, LSIG, IN=400A OVERLOAD PROTECTION IR=160A ...400A SHORT CIRCUIT PROTECTION ISD=0,6..10X IN, II=1,5..10X IN NEUTRAL PROTECTION OPTIONAL WITH EXT. CT;UPTO 160% GROUND-FAULT, SWITCHABLE IG=0,2... 1 X IN, TG=0,05-0,8MS BUSBAR CONNECTION

Figure similar

| Model | | | |
|--|---|---|--|
| product brand name | | SENTRON | |
| Product designation | | Molded case circuit breaker | |
| Design of the product | | Line protection | |
| Product variations | | Selective Applications | |
| Ground fault monitoring version | | Summation current formation L-conductor | |
| Design of the auxiliary release | | without auxiliaryrelease | |
| Design of the auxiliary switch | | Without | |
| Design of the operating mechanism | | toggle handle | |
| Type of the driving mechanism / motor drive | | No | |
| Design of the overcurrent release | | ETU860 | |
| General technical data | | | |
| Number of poles | | 3 | |
| Trip class / of the L-trip / with I2t characteristic / initial value | | 0.5 | |
| Trip class / of the L-trip / with I2t characteristic / Full- scale value | | 20 | |
| Electrical endurance (switching cycles) | | | |
| • at AC-1 / at 380/415 V / at 50/60 Hz | | 6 000 | |
| Total disconnection time / for G-tripping / with standard characteristic / initial value | S | 0.05 | |
| Total disconnection time / for G-tripping / with standard characteristic / Full-scale value | S | 0.8 | |
| circuit-breaker / Design | | 3VA | |
| Mechanical service life (switching cycles) / typical | | 15 000 | |

| Insulation voltage / Rated value V 800 Protection class IP / on the front IP40 Switching capacity Switching capacity Switching capacity M Dissipation Adve power loss • maximum W 70 Electricity Continuous current / Rated value A Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous stort-circuit release / initial value A 1.5 Main oricuit Operating outlage V 690 Operating outlage • with AC / at 50/00 Hz / Rated value A 400 • at 40 °C / Rated value A 380 | Voltage | | | | |
|---|--|---|-------------------|--|--|
| Protection class IP IP40 Protection class IP / on the front IP40 Protective function of the overcurrent release LSIG Switching capacity Switching capacity Switching capacity M Dissipation Active power loss • maximum W Continuous current / Rated value / maximum A 400 Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value I.5 Operating voltage • with AC / at 50/60 Hz / Rated value V Operating voltage a 400 • at 60 °C / Rated value A 400 • at 60 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 362 Suitability Suitability for use Suitability system protection Adjustable parameters Adjustable parameters Adjustable parameters A Value initial value • for G-tripping / with 12t characteristic / Full-scale A • for G-tripping / with 12t characteristic / Full-scal | | V | 800 | | |
| Protection class IP IP40 Protection class IP / on the front IP40 Protective function of the overcurrent release LSIG Switching capacity Switching capacity Switching capacity class of the dircuit breaker M Dissipation Active power loss • maximum W Continuous current / Rated value / maximum A 400 Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value 1.5 Operating voltage • with AC / at 50/60 Hz / Rated value V Operating current • at 60 °C / Rated value A 400 • at 60 °C / Rated value A 368 368 • at 70 °C / Rated value A 368 362 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 0 Suitability for use system protection Adjustable parameters Adjustable parameters Adjustable response value current 4 0.2 • for G -tripping / with 12t characteristic / Ful | | | | | |
| Protection class IP / on the front IP40 Protective function of the overcurrent release LSIG Switching capacity M Switching capacity class of the circuit breaker M Protective function of the overcurrent release M Opsignation Active power loss • maximum W Continuous current / Rated value / maximum A Adjustable response value current / of the instantaneous short-circuit release / initial value A Main circuit Operating voltage V • with AC / at 50/60 Hz / Rated value V 690 Operating voltage A 400 • at 40 °C / Rated value A 400 • at 40 °C / Rated value A 400 • at 65 °C / Rated value A 380 • at 65 °C / Rated value A 352 Auxiliary circuit 0 0 Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 Auxiliar | | _ | IP40 | | |
| Protective function of the overcurrent release LSIG Switching capacity M Dissipation Active power loss • maximum W Continuous current / Rated value / maximum A Continuous current / Rated value A Adjustable response value current / of the instantaneous short-circuit release / initial value A Main circuit Operating voltage • • with AC / at 50/60 Hz / Rated value V 680 Operating voltage • 680 • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 50 °C / Rated value A 380 • at 65 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxillary contacts / for auxiliary contacts 0 0 Number of NC contacts / for auxiliary contacts 0 0 Suitability for use system protection A Adjustable parameters A 0.2 value • for G-tripping / with 12t characteristic / initial value <td< td=""><td></td><td></td><td></td></td<> | | | | | |
| Switching capacity Switching capacity class of the circuit breaker M Dissipation Adive power loss M Adive power loss W 70 Electricity Continuous current / Rated value / maximum A 400 Continuous current / Rated value / maximum A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 400 Main circuit Operating voltage V 690 Operating voltage V 690 Operating current A 400 at 40 °C / Rated value A 400 at 40 °C / Rated value A 400 at 60 °C / Rated value A 400 at 60 °C / Rated value A 368 at 60 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable response value current A 0.2 value for G-tripping / with 12t characteristic / initial value A 1 | | | | | |
| Switching capacity class of the circuit breaker M Dissipation Active power loss W • maximum W Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 1.5 Main circuit Operating voltage vith AC / at 50/60 Hz / Rated value V 690 Operating unrent eta 40° C / Rated value A 400 • at 40 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 60 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value O Output Number of NO contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability Suitability Suitability a 0.2 value • for G-tripping / with 12t characteristic / initial value 0 • for G-tripping / with 12t characteristic / Full-scale 1 • for G-tripping / with standard characteristic / A 0.2 <t< td=""><td></td><td></td><td>1010</td></t<> | | | 1010 | | |
| Dissipation Active power loss maximum • maximum W Continuous current / Rated value / maximum A 400 Adius surrent / Rated value Adjustable response value current / of the instantaneous short-circuit release / initial value A Main circuit Operating voltage • with AC / at 50/60 Hz / Rated value V 690 Operating voltage • with AC / at 50/60 Hz / Rated value V • at 40 °C / Rated value A • at 60 °C / Rated value A • at 70 °C / Rated value A • at 70 °C / Rated value A • bor Contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability Suitability Cor chripping / with 12t characteristic / initial value <td></td> <td></td> <td></td> | | | | | |
| Active power loss W 70 Electricity Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 400 Main circuit A 400 Operating voltage V 690 • with AC / at 50/60 Hz / Rated value V 690 Operating current • at 40 °C / Rated value A 400 • at 65 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value A 368 • at 70 °C / Rated value | Switching capacity class of the circuit breaker | | Μ | | |
| • maximum W 70 Electricity Continuous current / Rated value / maximum A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 400 Main circuit A 1.5 Operating voltage V 690 Operating current A 400 • at 40 °C / Rated value V 690 Operating current A 400 • at 40 °C / Rated value V 690 Operating current A 400 • at 60 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 60 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit O Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable response value current A 0.2 or G-tripping / with 12t characteristic / initial value A 0.2 or G-tripping / with standard characteristic / A 1 or G-tripping / with standard characteristic / A 1 | Dissipation | | | | |
| Electricity Continuous current / Rated value / maximum A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 400 Main circuit A 400 Operating voltage V 690 • with AC / at 50/60 Hz / Rated value V 690 Operating current A 400 • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Sustability Suitability Sustability for use system protection Adjustable response value current • for G-tripping / with 12t characteristic / initial value A 1 • for G-tripping / with 12t characteristic / Full-scale value A 1 2.2 • for G-tripping / with standard characteristic / A 1 | Active power loss | | | | |
| Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Adjustable response value current / of the instantaneous short-circuit release / initial value A 1.5 Main circuit Operating voltage Image: Continuous current A • with AC / at 50/60 Hz / Rated value V 690 Operating ourrent Image: Continuous current A 400 • at 40 °C / Rated value A 400 A • at 60 °C / Rated value A 400 A • at 60 °C / Rated value A 380 A • at 65 °C / Rated value A 368 A • at 70 °C / Rated value A 368 A • at 70 °C / Rated value A 352 A Number of NC contacts / for auxiliary contacts 0 O A Number of NO contacts / for auxiliary contacts 0 A Suitability Suitability Suitability for use system protection A A • for G-tripping / with 12t characteristic / initial value A 1 A 1 • fo | • maximum | W | 70 | | |
| Continuous current / Rated value / maximum A 400 Continuous current / Rated value A 400 Adjustable response value current / of the A 1.5 instantaneous short-circuit release / initial value A 1.5 Main circuit Operating voltage V 690 • with AC / at 50/60 Hz / Rated value V 690 Operating current 4 400 • at 40 °C / Rated value A 400 • at 60 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 65 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 value • for G-tripping / with 12t characteristic / initial value A 1 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic | Electricity | | | | |
| Adjustable response value current / of the instantaneous short-circuit release / initial value A 1.5 Main circuit Operating voltage V 690 • with AC / at 50/60 Hz / Rated value V 690 Operating current A 400 • at 40 °C / Rated value A 400 • at 60 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 Adjustable response value current A 1 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Initial value A 1 <t< td=""><td></td><td>A</td><td>400</td></t<> | | A | 400 | | |
| Instantaneous short-circuit release / initial value Main Circuit Operating voltage with AC / at 50/60 Hz / Rated value V 690 Operating current at 40 °C / Rated value A 400 at 50 °C / Rated value A 400 at 60 °C / Rated value A 400 at 60 °C / Rated value A 400 at 65 °C / Rated value A 380 at 65 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability for use system protection Adjustable parameters Adjustable response value current ofor G-tripping / with 12t characteristic / initial value ofor G-tripping / with 12t characteristic / Full-scale value ofor G-tripping / with standard characteristic / A 0.2 | | А | 400 | | |
| Main circuit Operating voltage V 690 Operating current - - • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 386 • at 70 °C / Rated value A 352 Auxiliary circuit O O Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 value • for G-tripping / with 12t characteristic / initial value A 0.2 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / A 0.2 0.2 | Adjustable response value current / of the | A | 1.5 | | |
| Operating voltage V 690 Operating current A 400 • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 60 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 value • for G-tripping / with 12t characteristic / initial value A 0.2 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / A 0.2 1 • for G-tripping / with standard characteristic / A 0.2 1 | instantaneous short-circuit release / initial value | | | | |
| Operating voltage V 690 Operating current A 400 • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 60 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable parameters A 0.2 value • for G-tripping / with 12t characteristic / initial value A 0.2 • for G-tripping / with 12t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / A 0.2 1 • for G-tripping / with standard characteristic / A 0.2 1 | Main circuit | | | | |
| • with AC / at 50/60 Hz / Rated value V 690 Operating current - - • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NC contacts / for auxiliary contacts 0 Suitability Suitability Suitability for use system protection Adjustable parameters - Adjustable response value current - • for G-tripping / with 12t characteristic / initial value A • for G-tripping / with 12t characteristic / Full-scale value A • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A | | _ | | | |
| • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit A 352 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability Suitability Suitability for use system protection Adjustable response value current • for G-tripping / with 12t characteristic / initial value • for G-tripping / with 12t characteristic / Full-scale A • for G-tripping / with 12t characteristic / Full-scale A • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 | | V | 690 | | |
| • at 40 °C / Rated value A 400 • at 50 °C / Rated value A 400 • at 60 °C / Rated value A 380 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit A 352 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability Suitability for use Suitability for use system protection Adjustable response value current • for G-tripping / with 12t characteristic / initial value • for G-tripping / with 12t characteristic / Full-scale A • for G-tripping / with 12t characteristic / Full-scale A • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 1 | Operating current | | | | |
| • at 60 °C / Rated value A 380 • at 60 °C / Rated value A 368 • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability Suitability for use System protection Adjustable parameters Adjustable response value current A 0.2 • for G-tripping / with 12t characteristic / initial value A 1 • for G-tripping / with standard characteristic / antitial value A 0.2 • for G-tripping / with standard characteristic / A 0.2 1 | | А | 400 | | |
| • at 65 °C / Rated value A 368 • at 70 °C / Rated value A 352 Auxiliary circuit 0 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability system protection Adjustable parameters 0.2 Adjustable response value current A • for G-tripping / with 12t characteristic / initial value A • for G-tripping / with 12t characteristic / Full-scale value A • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 1 | • at 50 °C / Rated value | А | 400 | | |
| • at 70 °C / Rated value A 352 Auxiliary circuit 0 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability system protection Adjustable parameters 0.2 Adjustable response value current 0.2 • for G-tripping / with 12t characteristic / initial value 1 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 | • at 60 °C / Rated value | А | 380 | | |
| • at 70 °C / Rated value A 352 Auxiliary circuit 0 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability for use system protection Adjustable parameters Adjustable response value current • for G-tripping / with 12t characteristic / initial value A • for G-tripping / with 12t characteristic / Full-scale value A • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 0.1 | • at 65 °C / Rated value | А | 368 | | |
| Auxiliary circuit 0 Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability for use system protection Adjustable parameters Adjustable response value current • for G-tripping / with l2t characteristic / initial value A 0.2 • for G-tripping / with l2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / A 0.2 0 | | А | 352 | | |
| Number of NC contacts / for auxiliary contacts 0 Number of NO contacts / for auxiliary contacts 0 Suitability 0 Suitability for use system protection Adjustable parameters Adjustable response value current • for G-tripping / with l2t characteristic / initial value A • for G-tripping / with l2t characteristic / Full-scale value A • for G-tripping / with standard characteristic / Full-scale value A • for G-tripping / with standard characteristic / A 0.2 | | | | | |
| Number of NO contacts / for auxiliary contacts 0 Suitability Suitability for use system protection Adjustable parameters system protection Adjustable response value current 0.2 • for G-tripping / with l2t characteristic / initial value A 0.2 • for G-tripping / with l2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / initial value A 1 • for G-tripping / with standard characteristic / initial value A 1 | | _ | 0 | | |
| Suitability System protection Adjustable parameters System protection Adjustable response value current 0.2 of or G-tripping / with 12t characteristic / initial value A 0.2 of or G-tripping / with 12t characteristic / Full-scale value A 1 of or G-tripping / with standard characteristic / Full-scale value A 0.2 of or G-tripping / with standard characteristic / Full-scale value A 1 of or G-tripping / with standard characteristic / Full-scale value A 0.2 of or G-tripping / with standard characteristic / Full-scale value A 1 of or G-tripping / with standard characteristic / Full-scale value A 0.2 of or G-tripping / with standard characteristic / A 0.2 1 | - | - | | | |
| Suitability for use system protection Adjustable parameters Adjustable response value current • for G-tripping / with l2t characteristic / initial value A 0.2 • for G-tripping / with l2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / A 1 0.2 | Number of NO contacts / for auxiliary contacts | | 0 | | |
| Adjustable parameters Adjustable response value current A • for G-tripping / with I2t characteristic / initial value A 0.2 • for G-tripping / with I2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 | | | | | |
| Adjustable response value current A 0.2 • for G-tripping / with l2t characteristic / initial value A 0.2 • for G-tripping / with l2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / initial value A 0.2 • for G-tripping / with standard characteristic / initial value A 0.2 | Suitability for use | | system protection | | |
| Adjustable response value current A 0.2 • for G-tripping / with l2t characteristic / initial value A 0.2 • for G-tripping / with l2t characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / Full-scale value A 1 • for G-tripping / with standard characteristic / initial value A 0.2 • for G-tripping / with standard characteristic / initial value A 0.2 | Adjustable parameters | | | | |
| value A 1 • for G-tripping / with l2t characteristic / Full-scale value A 0.2 • for G-tripping / with standard characteristic / initial value A 0.2 • for G-tripping / with standard characteristic / A 1 | | | | | |
| value • for G-tripping / with standard characteristic / A 0.2 • for G-tripping / with standard characteristic / A 1 | | A | 0.2 | | |
| for G-tripping / with standard characteristic / A for G-tripping / with standard characteristic / A 1 | | А | 1 | | |
| | • for G-tripping / with standard characteristic / | A | 0.2 | | |
| | • for G-tripping / with standard characteristic / Full-scale value | А | 1 | | |

| of I-trip / Full-scale value | А | 10 |
|---|---|------|
| of the short-time delayed short-circuit release / initial value | A | 0.6 |
| of the short-time delayed short-circuit release / Full-scale value | A | 10 |
| of S-trip / with standard characteristic / initial value | А | 0.6 |
| of S-trip / with standard characteristic / Full- scale value | A | 10 |
| for N-conductor protection / initial value | А | 0.2 |
| for N-conductor protection / Full-scale value | А | 2 |
| Adjustable delay time | | |
| for G-tripping / with I2t characteristic / initial value | S | 0.05 |
| for G-tripping / with I2t characteristic / Full-scale value | S | 0.8 |
| of S-trip / with I2t characteristic / initial value | S | 0.05 |
| of S-trip / with I2t characteristic / Full-scale value | S | 0.5 |
| of S-trip / with standard characteristic / initial value | S | 0.05 |
| of S-trip / with standard characteristic / Full- scale value | S | 0.5 |
| Adjustable response value current / of the current- dependent overload release / initial value | A | 0.4 |
| Product details | | |
| Product component | | |
| Trip indicator | | No |
| ● display | | Yes |
| undervoltage release | | No |
| Product property | | |
| of the circuit breaker with tripping unit / Tripping characteristic adjustable | | No |
| for neutral conductors / upgradeable/retrofittable / Short-circuit and overload proof | | Yes |
| Product expansion / optional / motor drive | | Yes |
| Product function | | |
| Product function | | |
| Intrinsic device protection | | Yes |
| communication function | | Yes |
| Phase failure detection | | No |
| other measurement function | | Yes |

| Accessories | | |
|--|----|---------------------------|
| Manufacturer article number / of the supplied basic switch | | <u>3VA2340-5KQ32-0AA0</u> |
| Short circuit | | |
| Operational short-circuit current breaking capacity | | |
| (lcs) | | |
| • at 240 V / Rated value | kA | 85 |
| • at 415 V / Rated value | kA | 55 |
| • at 690 V / Rated value | kA | 5 |
| Maximum short-circuit current breaking capacity (Icu) | | |
| • at 240 V / Rated value | kA | 85 |
| • at 415 V / Rated value | kA | 55 |
| ● at 690 V / Rated value | kA | 5 |
| Short-circuit current making capacity (Icm) | | |
| • at 240 V / Rated value | kA | 187 |
| • at 415 V / Rated value | kA | 121 |
| • at 690 V / Rated value | kA | 7.5 |
| Connections | _ | |
| Arrangement of electrical connectors / for main | | Front terminal |
| current circuit | _ | |
| Type of connectable conductor cross-section | | 20 x 1 |
| • for flat-bar terminal connection / minimum | | |
| • for flat-bar terminal connection / maximum | _ | 35 x 10 |
| Type of electrical connection / for main current circuit | | Lug terminal |
| lechanical Design | _ | |
| Height | mm | 248 |
| Width | mm | 138 |
| Depth Mounting force | mm | 137 fixed mounting |
| Mounting type | _ | fixed mounting |
| Invironmental conditions | | |
| Ambient temperature | *0 | 25 |
| during operation / minimum | °C | -25 |
| during operation / maximum | °C | 70 |
| during storage / minimum | °C | -40 |
| during storage / maximum | °C | 80 |
| | | |
| Equipment marking | | 0 |
| • acc. to DIN EN 61346-2 | | Q |
| • acc. to DIN EN 81346-2 | | Q |

| General Product Approval | EMC | Declaration of Conformity | other |
|-----------------------------|-------|------------------------------|-------|
| EAC | other | EG-Konf. | other |

urther information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA23405KQ320AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/3VA23405KQ320AA0/all

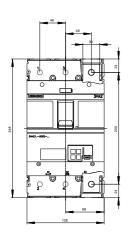
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA23405KQ320AA0

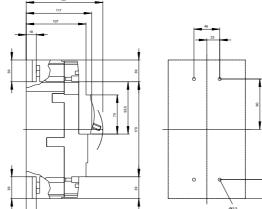
CAx-Online-Generator

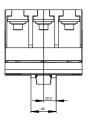
http://www.siemens.com/cax

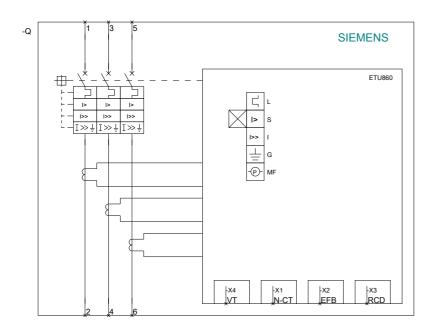
Tender specifications

http://ausschreibungstexte.siemens.com/tiplv









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