

WITHDRAWABLE CIRCUIT BREAKER WITHOUT GUIDE FRAME 3-POLE, SIZE III, IEC IN=4000A TO 690V, AC50/60HZ ICU=100KA AT 500V REAR CONNECTION HORIZONTAL



| Model | | |
|---|--|---|
| Product brand name | | SENTRON |
| Product designation | | ACB |
| Design of the operating mechanism | | Pushbutton |
| Type of the driving mechanism | | Manual/motorized operating mechanism with mechanical and electrical closing |
| Type of the driving mechanism / motor drive | | Yes |
| Design of the overcurrent release | | ETU25B |

| General technical data | | |
|--|--|---------|
| Number of poles | | 3 |
| Size of the circuit-breaker | | 3 |
| Electrical endurance (switching cycles) / typical | | 10 000 |
| Usage category | | B |
| circuit-breaker / Design | | 3WL1340 |
| Mechanical service life (switching cycles) / typical | | 10 000 |

| Voltage | | |
|-----------------------------|---|-------|
| Rated insulation voltage Ui | V | 1 000 |

| Protection class | | |
|------------------|--|--|
| | | |

| | | |
|--|----|--------------------------|
| Protection class IP | | IP20 |
| Protective function of the overcurrent release | | LSI |
| Dissipation | | |
| Power loss [W] | | |
| <ul style="list-style-type: none"> • for rated value of the current / at AC / in hot operating state / per pole | W | 270 |
| <ul style="list-style-type: none"> • maximum | W | 810 |
| Electricity | | |
| Continuous current / rated value | A | 4 000 |
| Adjustable pick-up value current | | |
| <ul style="list-style-type: none"> • of instantaneous short-circuit trip unit / initial value | A | 50 000 |
| <ul style="list-style-type: none"> • of instantaneous short-circuit trip unit / Full-scale value | A | 50 000 |
| Short-time current resistance (I_{cw}) | | |
| <ul style="list-style-type: none"> • limited to 0.5 s / rated value | kA | 100 |
| <ul style="list-style-type: none"> • limited to 1 s / rated value | kA | 100 |
| <ul style="list-style-type: none"> • limited to 2 s / rated value | kA | 80 |
| <ul style="list-style-type: none"> • limited to 3 s / rated value | kA | 65 |
| Main circuit | | |
| Operating frequency | | |
| <ul style="list-style-type: none"> • 1 / rated value | Hz | 50 |
| <ul style="list-style-type: none"> • 2 / rated value | Hz | 60 |
| Operating voltage | | |
| <ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value | V | 690 |
| Operating current | | |
| <ul style="list-style-type: none"> • at 40 °C / rated value | A | 4 000 |
| <ul style="list-style-type: none"> • at 50 °C / rated value | A | 4 000 |
| <ul style="list-style-type: none"> • at 55 °C / rated value | A | 4 000 |
| <ul style="list-style-type: none"> • at 60 °C / rated value | A | 4 000 |
| <ul style="list-style-type: none"> • at 65 °C / rated value | A | 4 000 |
| <ul style="list-style-type: none"> • at 70 °C / rated value | A | 4 000 |
| Suitability | | |
| Suitability for use | | Plant / motor protection |
| Product details | | |
| Product component | | |
| <ul style="list-style-type: none"> • Trip indicator | | Yes |
| <ul style="list-style-type: none"> • Voltage trigger | | Yes |
| <ul style="list-style-type: none"> • undervoltage release | | Yes |
| Product extension / optional / motor drive | | No |

| Product function | | |
|--|----|---------------------|
| Product function | | |
| <ul style="list-style-type: none"> • Ground fault protection | | No |
| Display and operation | | |
| Display version | | without display |
| Short circuit | | |
| Operational short-circuit current breaking capacity (Ics) | | |
| <ul style="list-style-type: none"> • at 415 V / rated value | kA | 100 |
| <ul style="list-style-type: none"> • at 500 V / rated value | kA | 100 |
| <ul style="list-style-type: none"> • at 690 V / rated value | kA | 85 |
| Maximum short-circuit current breaking capacity (Icu) | | |
| <ul style="list-style-type: none"> • at 415 V / rated value | kA | 100 |
| <ul style="list-style-type: none"> • at 500 V / rated value | kA | 100 |
| <ul style="list-style-type: none"> • at 690 V / rated value | kA | 85 |
| <ul style="list-style-type: none"> • at 1000/1150 V / rated value | kA | 50 |
| Connections | | |
| Arrangement of electrical connectors / for main current circuit | | without guide frame |
| Type of electrical connection / for main current circuit | | Blade contacts |
| Mechanical Design | | |
| Height | mm | 410 |
| Width | mm | 694 |
| Depth | mm | 337 |
| Mounting type | | drawer unit |
| Environmental conditions | | |
| Ambient temperature | | |
| <ul style="list-style-type: none"> • during operation / minimum | °C | -20 |
| <ul style="list-style-type: none"> • during operation / maximum | °C | 70 |
| <ul style="list-style-type: none"> • during storage / minimum | °C | -40 |
| <ul style="list-style-type: none"> • during storage / maximum | °C | 70 |
| Certificates | | |
| Equipment marking | | |
| <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 | | Q |
| <ul style="list-style-type: none"> • acc. to DIN EN 81346-2 | | Q |

| General Product Approval | | Declaration of Conformity | Test Certificates | | Shipping Approval |
|---|---|---|--|-------------------------------|---|
|  |  |  | Special Test Certificate | Miscellaneous |  |
| CCC | VDE | EG-Konf. | | | ABS |

| Shipping Approval | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| BUREAU VERITAS | DNV | GL | LRS | PRS | RMRS |

| other | |
|---|-------------------------------|
| Environmental Confirmations | Miscellaneous |

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4CB35-4GN4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4CB35-4GN4>

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

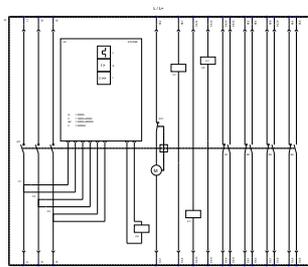
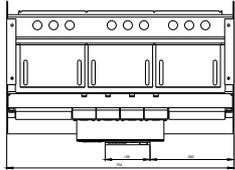
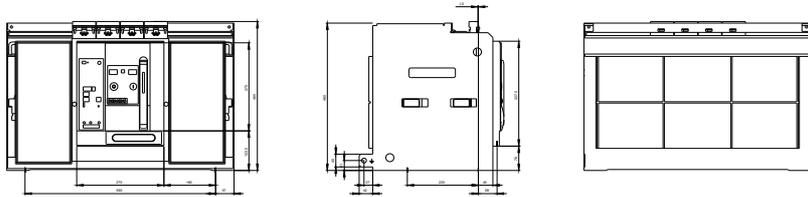
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4CB35-4GN4

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>



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