





withdrawable circuit breaker without guide frame 3-pole, size II, IEC  
 $I_n=3200\text{A}$  to 690V, AC50/60Hz  $I_{cu}=66\text{kA}$  at 500V rear connection  
 horizontal Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in  
 With manual operating mechanism with storage with mechanical request  
 without 1st auxiliary release without 2nd auxiliary release 2NO+2NC

| Model  |  |
|--|--|
| product brand name   | SENTRON  |
| product designation  | ACB  |
| design of the product  | IEC 60947-2  |
| design of the actuating element  | Pushbutton   |
| type of the driving mechanism  | Manual operating mechanism with mechanical closing |
| type of the driving mechanism / motor drive                                  | No   |
| design of the overcurrent release  | ETU25B   |
| General technical data   |  |
| number of poles  | 3  |
| size of the circuit-breaker  | 2  |
| utilization category   | B  |
| circuit-breaker / Design   | 3WL1   |
| Voltage  |  |
| Rated insulation voltage $U_i$   | 1 000 V  |
| insulation voltage / rated value   | 1 000 V  |
| operating voltage  |  |
| • at AC / at 50/60 Hz / rated value  | 690 V  |
| Protection class   |  |
| protection class IP  | IP20   |
| protection class IP / on the front   | IP20   |
| protection function of the overcurrent release                               | LSI  |
| Dissipation  |  |
| power loss [W]   |  |
| • for rated value of the current / at AC / in hot operating state / per pole | 236.7 W  |
| • maximum  | 710 W  |
| Current  |  |
| operational current  |  |
| • at 40 °C / rated value   | 3 200 A  |
| • at 45 °C / rated value   | 3 200 A  |
| • at 50 °C / rated value   | 3 200 A  |
| • at 55 °C / rated value   | 3 200 A  |
| • at 60 °C / rated value   | 3 020 A  |
| • at 65 °C / rated value   | 3 020 A  |
| • at 70 °C / rated value   | 2 870 A  |
| continuous current / rated value / maximum                                   | 3 200 A  |
| continuous current / rated value   | 3 200 A  |
| adjustable current response value current                                    |  |
| • of the current-dependent overload release / full-scale value               | 3 200 A  |
| • of instantaneous short-circuit trip unit / minimum                         | 50 000 A   |
| • of instantaneous short-circuit trip unit / maximum                         | 50 000 A   |
| Main circuit   |  |
| operating frequency  |  |
| • 1 / rated value  | 50 Hz  |
| • 2 / rated value  | 60 Hz  |

| Auxiliary circuit   |                          |   |   |   |                              |  |
|---|--------------------------|---|---|---|------------------------------|--|
| number of NC contacts / for auxiliary contacts  | 2                        |   |   |   |                              |  |
| number of NO contacts / for auxiliary contacts  | 2                        |   |   |   |                              |  |
| Suitability   |                          |   |   |   |                              |  |
| suitability for use   | Plant / motor protection |   |   |   |                              |  |
| Adjustable parameters   |                          |   |   |   |                              |  |
| adjustable current response value current / of the current-dependent overload release / initial value | 1 280 A                  |   |   |   |                              |  |
| Product details   |                          |   |   |   |                              |  |
| product component   |                          |   |   |   |                              |  |
| • trip indicator  | Yes                      |   |   |   |                              |  |
| • voltage trigger   | No                       |   |   |   |                              |  |
| • undervoltage release  | No                       |   |   |   |                              |  |
| design of the auxiliary switch  | 2 NO + 2 NC              |   |   |   |                              |  |
| product extension / optional / motor drive  | Yes                      |   |   |   |                              |  |
| Product function  |                          |   |   |   |                              |  |
| product function  |                          |   |   |   |                              |  |
| • grounding protection  | No                       |   |   |   |                              |  |
| • phase failure detection   | Yes                      |   |   |   |                              |  |
| Display and operation   |                          |   |   |   |                              |  |
| display version   | without display          |   |   |   |                              |  |
| Short circuit   |                          |   |   |   |                              |  |
| breaking capacity operating short-circuit current (Ics)   |                          |   |   |   |                              |  |
| • at 415 V / rated value  | 66 kA                    |   |   |   |                              |  |
| • at 500 V / rated value  | 66 kA                    |   |   |   |                              |  |
| • at 690 V / rated value  | 50 kA                    |   |   |   |                              |  |
| breaking capacity maximum short-circuit current (Icu)   |                          |   |   |   |                              |  |
| • at 415 V / rated value  | 66 kA                    |   |   |   |                              |  |
| • at 500 V / rated value  | 66 kA                    |   |   |   |                              |  |
| • at 690 V / rated value  | 50 kA                    |   |   |   |                              |  |
| 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  | 411.5 mm                 |   |   |   |                              |  |
| width   | 451 mm                   |   |   |   |                              |  |
| depth   | 337 mm                   |   |   |   |                              |  |
| fastening method  | drawer unit              |   |   |   |                              |  |
| Environmental conditions  |                          |   |   |   |                              |  |
| ambient temperature / during operation  |                          |   |   |   |                              |  |
| • minimum   | -20 °C                   |   |   |   |                              |  |
| • maximum   | 70 °C                    |   |   |   |                              |  |
| ambient temperature / during storage  |                          |   |   |   |                              |  |
| • minimum   | -40 °C                   |   |   |   |                              |  |
| • maximum   | 70 °C                    |   |   |   |                              |  |
| General Product Approval  |                          | EMC   | Declaration of Conformity   |   |                              |  |
|                    |                          |  |  |  | <a href="#">Confirmation</a> | <a href="#">UK Declaration of Conformity</a> |
| <p>ccc</p>  |                          | <p>EAC</p>  | <p>RCM</p>  | <p>CE</p> <p>EG-Konf.</p>   |                              |  |
| Test Certificates   |                          | Marine / Shipping   |   |   |                              |  |

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



## Marine / Shipping

other



[CCS / China Classification Society](#)

[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

[Miscellaneous](#)

## Dangerous Good

[Transport Information](#)

## Further information

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-2CB35-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-2CB35-1AA2>

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

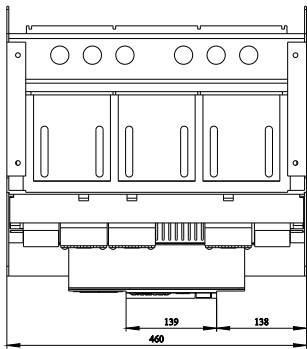
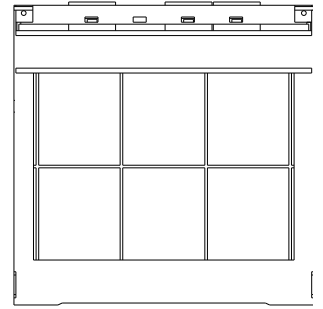
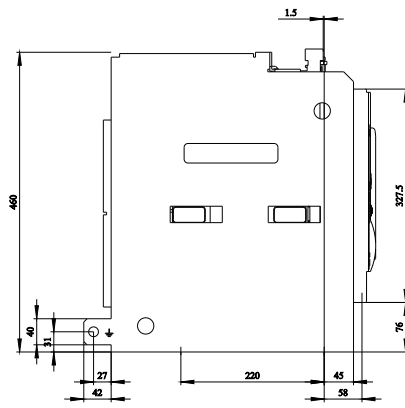
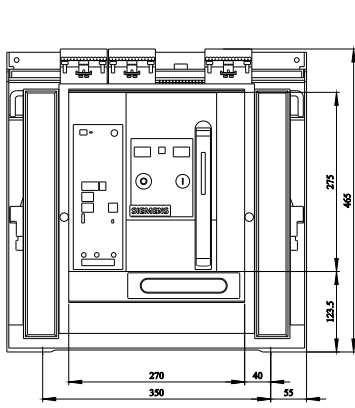
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1232-2CB35-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-2CB35-1AA2)

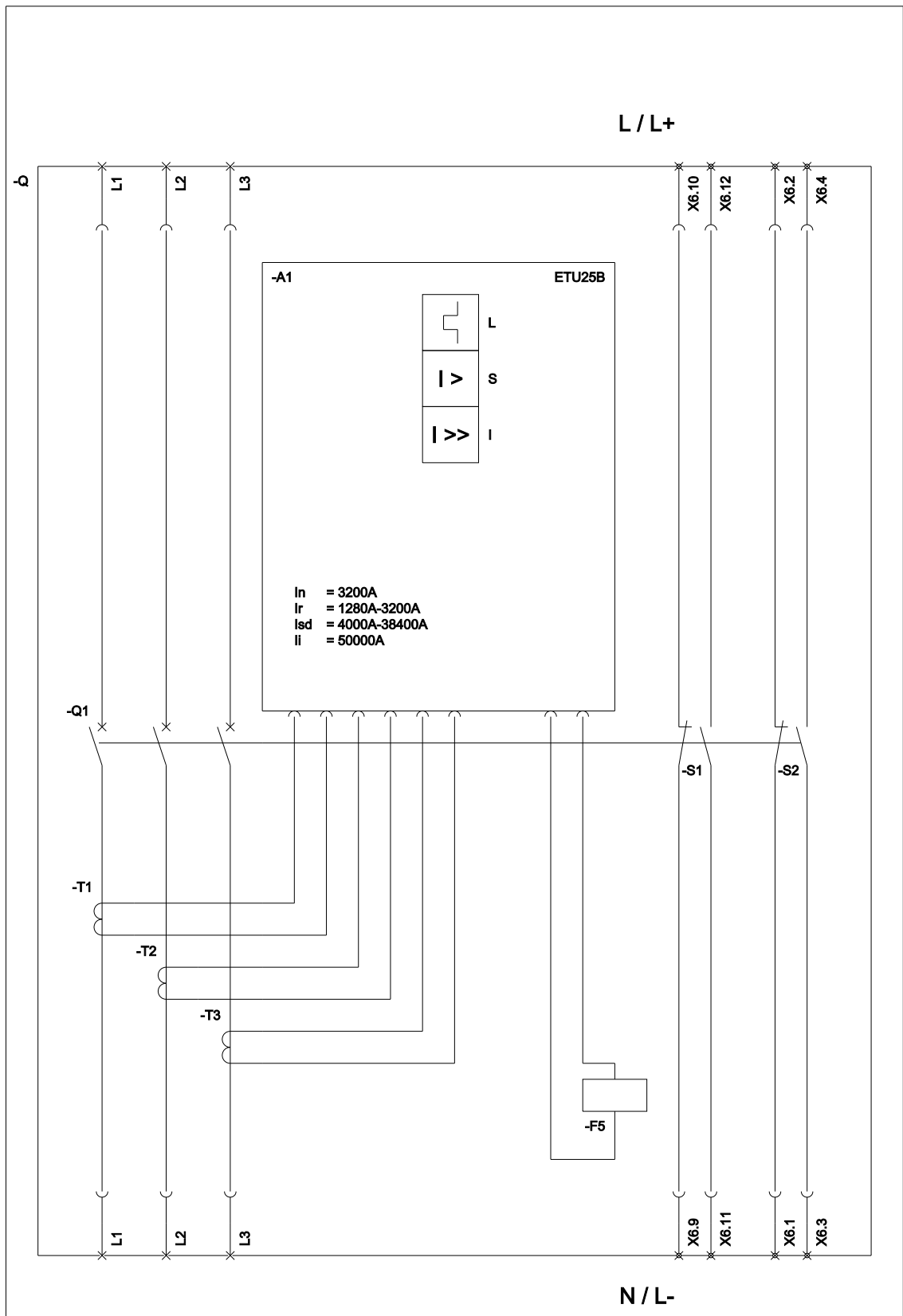
**CAX-Online-Generator**

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

**Tender specifications**

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





L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlusschutz, kurzzeitverzögert);  
 I (Instantaneous / Kurzschlusschutz, unverzögert); F5 (Maglatch for trip unit / Auslösemagnet);  
 S1 - S8 (Auxiliary switch / Hilfschalter);



last modified:

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