SIEMENS

Data sheet

Model

3WL1112-2BB66-5FF4-Z C26

Draw-out circuit breaker with slide-in module frame 3-pole, Size 1, IEC In=1250 A up to 690 V, 50/60 Hz AC Icu=55 kA at 500 V Rear horizontal connection Overcurrent release ETU 15 LI protection adjustable 0.5-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 110-127 V AC or 110-125 V DC Activation 50/60 Hz 110 V AC, 110 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 110 V AC/110 V DC, 100% on-load factor With 2nd auxiliary release "F", F2 Shunt release 110 V AC/DC 100% on-load factor 4NO+4NC C26= Auxiliary switching function 1 Auxiliary release not possible with option F02

| 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/motorized operating mechanism with mechanical and electrical closing |
| type of the driving mechanism / motor drive | Yes |
| design of the overcurrent release | ETU15B |
| General technical data | |
| number of poles | 3 |
| size of the circuit-breaker | 1 |
| utilization category | В |
| circuit-breaker / Design | 3WL1 |
| Voltage | |
| Rated insulation voltage Ui | 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 | LI |
| Dissipation | |
| power loss [W] | |
| for rated value of the current / at AC / in hot | 68.3 W |
| operating state / per pole | OOF W |
| • maximum | 205 W |
| Current | |
| operational current | 4.050.4 |
| at 40 °C / rated value at 45 °C / rated value | 1 250 A 1 250 A |
| at 45 °C / rated value at 50 °C / rated value | 1 250 A 1 250 A |
| at 50 °C / rated value at 55 °C / rated value | 1 250 A |
| at 60 °C / rated value | 1 250 A |
| at 65 °C / rated value | 1 250 A |
| • at 70 °C / rated value | 1 210 A |
| continuous current / rated value / maximum | 1 250 A |
| continuous current / rated value | 1 250 A |
| adjustable current response value current | |
| of the current-dependent overload release / full- scale value | 1 250 A |
| of instantaneous short-circuit trip unit / minimum | 2 500 A |
| of instantaneous short-circuit trip unit / maximum | 10 000 A |
| Main circuit | |
| operating frequency | |
| • 1 / rated value | 50 Hz |

| 2 / rated value | 60 Hz |
|---|--------------------------------------|
| Auxiliary circuit | |
| number of NC contacts / for auxiliary contacts | 4 |
| number of NO contacts / for auxiliary contacts | 4 |
| Suitability | |
| suitability for use | system protection |
| Adjustable parameters | |
| adjustable current response value current / of the current- dependent overload release / initial value | 625 A |
| Product details | |
| product component | |
| trip indicator | Yes |
| voltage trigger | Yes |
| undervoltage release | No |
| design of the auxiliary switch | 4 NO + 4 NC |
| product extension / optional / motor drive | No |
| Product function | |
| product function | |
| grounding protection | No |
| phase failure detection | No |
| Display and operation | |
| display version | without display |
| Short circuit | |
| breaking capacity operating short-circuit current (lcs) | |
| at 415 V / rated value | 55 kA |
| at 500 V / rated value | 55 kA |
| at 690 V / rated value | 42 kA |
| breaking capacity maximum short-circuit current (Icu) | |
| at 415 V / rated value | 55 kA |
| at 500 V / rated value | 55 kA |
| at 690 V / rated value | 42 kA |
| Connections | |
| arrangement of electrical connectors / for main current circuit | Main connection rear side horizontal |
| type of electrical connection / for main current circuit | busbar connection |
| Mechanical Design | |
| height | 460 mm |
| width | 320 mm |
| depth | 456 mm |
| fastening method | drawer unit |
| Environmental conditions | |
| ambient temperature / during operation | |
| • minimum | -40 °C |
| • maximum | 70 °C |
| ambient temperature / during storage | |
| • minimum | -40 °C |
| • maximum | 0° 08 |
| Further information | |

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1112-2BB66-5FF4-Z C26

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1112-2BB66-5FF4-Z C26

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

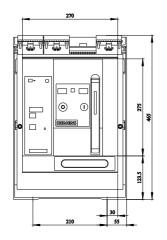
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1112-2BB66-5FF4-Z C26

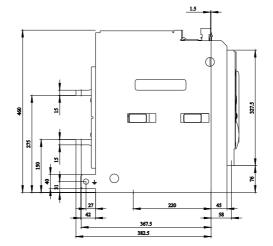
CAx-Online-Generator

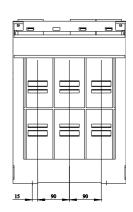
http://www.siemens.com/cax

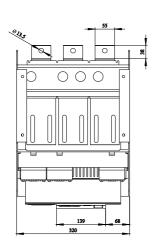
Tender specifications

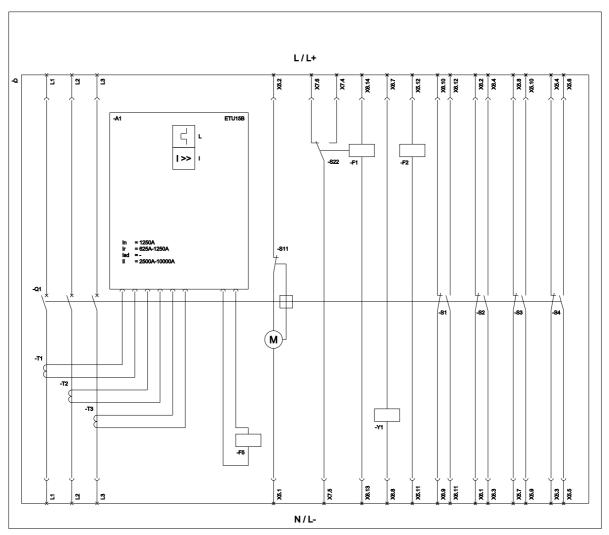
http://www.siemens.com/specifications











L (Long Time Delay / Obertactaches); I (Instructaneous / Kurrachimenium, unversigent); S11 (Instructaneous viria, if spring is transioned / Internet Motorabstella-halter, weren Perler grapment);
II (Lat multilary release / Braker Hilbsandloor); S2 (Signaling contact at the lat multilary release / Medichechilars an extent Hilbsandloor); F2 (2nd multilary release / Verber Hilbsandloor);
F5 (Madquistic for the unit / Auditoroappent); S1-S6 (Auxiliary release) (Coloring of Hilbsandloor);
F5 (Coloring of Hilbsandoor);
F5 (Coloring of Hilbsandloor);
F5 (Coloring of Hilbsandloor);
F5 (Coloring of Hilbsandoor);
F5 (Coloring of Hilb

last modified: 4/20/2022 🖸