

fixed-mounted molded case circuit breaker w. handle frame 1600; 4AUX and trip alarm switch S24; Icu "H" Icu=85kA @ 415V, 3-pole ETU360, LSIG, In=1600A rotary coding switch Ir=640...1600A Isd=1...10xIn, li=1.5...15xIn N conductor protec. adjustable opt. w. ext. CT; up to 200% gr.-fault prot., can be sw. off Ig=0.1...1 x In, tg=0.1...0.8s nut keeper kit No communication connection, no measurement function Without additional alarm switch assembly With mechanical calling without 2nd auxiliary release without 1st auxiliary release

| Model | |
|---|-----------------------------|
| product brand name | SENTRON |
| product designation | Molded case circuit breaker |
| design of the product | MCCB |
| product variations | Selective Applications |
| design of the actuating element | toggel handle actuator |
| type of the driving mechanism | manual operating mechanism |
| type of the driving mechanism / motor drive | No |
| design of the overcurrent release | ETU360 |
| General technical data | |
| number of poles | 3 |
| size of the circuit-breaker | 1600 A |
| mechanical service life (operating cycles) / typical | 1 000 |
| electrical endurance (operating cycles) / at AC-1 / at 380/415 V | 2 000 |
| insulation voltage / rated value | 1 000 V |
| operational current | |
| • at 45 °C / rated value | 1 541 A |
| continuous current / rated value / maximum | 1 600 A |
| Supply voltage | |
| operating voltage | |
| • at AC / at 50/60 Hz / rated value | 690 V |
| Protection class | |
| protection class IP / on the front | IP20 |
| Breaking Capacity | |
| switching capacity class of the circuit breaker | H |
| power loss [W] | |
| • for rated value of the current / at AC / in hot operating state / per pole | 77 W |
| • maximum | 231 W |
| Auxiliary circuit | |
| number of CO contacts / for auxiliary contacts | 4 |
| Suitability | |
| suitability for use | system protection |
| Adjustable parameters | |
| adjustable current response value current / of the short-time delayed short-circuit release | |
| • initial value | 1 600 A |
| • full-scale value | 16 000 A |
| adjustable current response value current / of the current-dependent overload release / initial value | 640 A |
| Product details | |
| product component | |
| • trip indicator | Yes |
| • voltage trigger | No |
| • undervoltage release | No |
| product extension / optional / motor drive | No |
| Product function | |
| product function | |

| | |
|--|-------------------------------|
| • grounding protection | Yes |
| • communication function | No |
| Display and operation | |
| display version | Without display |
| Short circuit | |
| operating short-circuit current breaking capacity (Ics) | |
| • at 240 V / rated value | 150 kA |
| • at 415 V / rated value | 85 kA |
| • at 440 V / rated value | 85 kA |
| • at 500 V / rated value | 55 kA |
| • at 690 V / rated value | 36 kA |
| maximum short-circuit current breaking capacity (Icu) | |
| • at 240 V / rated value | 150 kA |
| • at 415 V / rated value | 85 kA |
| • at 440 V / rated value | 85 kA |
| • at 500 V / rated value | 55 kA |
| • at 690 V / rated value | 36 kA |
| short-circuit current making capacity (Icm) | |
| • at 240 V / rated value | 330 kA |
| • at 415 V / rated value | 187 kA |
| • at 440 V / rated value | 187 kA |
| • at 500 V / rated value | 121 kA |
| • at 690 V / rated value | 76 kA |
| Connections | |
| arrangement of electrical connectors / for main current circuit | Main connection on front side |
| type of electrical connection / for main current circuit | busbar connection |
| Mechanical Design | |
| height | 296 mm |
| width | 210 mm |
| depth | 183 mm |
| fastening method | fixed mounting |
| net weight | 14 kg |
| Environmental conditions | |
| ambient temperature / during operation | |
| • minimum | -25 °C |
| • maximum | 70 °C |
| ambient temperature / during storage | |
| • minimum | -40 °C |
| • maximum | 70 °C |
| Further information | |
| Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA2716-6AD03-0AA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3VA2716-6AD03-0AA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2716-6AD03-0AA0 CAX-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications | |



last modified:

3/16/2020 

