



circuit breaker 3VA6 UL frame 400 3-pole, starter protection ETU310M, I, In=200A without overload protection short-circuit protection li=3...15 x In without connection

| Model | |
|---|-----------------------------|
| product brand name | SETRON |
| product designation | Molded-case circuit breaker |
| product designation / according to UL file | CJAR |
| Product version | Starter protection |
| design of the load switch / acc. to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type) | Yes |
| design of the overcurrent release | ETU310M |
| protection function of the overcurrent release | I |
| number of poles | 3 |
| General technical data | |
| Tension assignée d'isolement Ui | 600 V |
| power loss [W] / maximum | 17.9 W |
| Active power loss / for rated value of the current / at AC / in hot operating state / per pole | 5.97 W |
| mechanical service life (switching cycles) / typical | 15 000 |
| Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz | 6 000 |
| Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz | 4 000 |
| electrical endurance (switching cycles) / at 480 V | 6 000 |
| electrical endurance (switching cycles) / at 600 V | 6 000 |
| Neutral conductors / upgradeable/retrofitable | No |
| ground-fault monitoring version | Without |
| product function | |
| • communication function | No |
| • phase failure detection | No |
| • other measurement function | No |
| Current | |
| marking / acc. to UL 489 / 100%-rated breaker | No |
| operational current | |
| • at 55 °C | 200 A |
| • at 60 °C | 200 A |
| • at 65 °C | 200 A |
| • at 70 °C | 200 A |
| Adjustable parameters | |
| Adjustable response value current / li min. | 600 A |
| Adjustable response value current / li max. | 3 000 A |

| | |
|--|--------------------|
| Ground fault protection / tripping switchable / I2t=ON/OFF | No |
| Mechanical Design | |
| height [in] | 9.8 in |
| Height | 248 mm |
| width [in] | 5.4 in |
| Width | 138 mm |
| depth [in] | 4.3 in |
| depth | 110 mm |
| Connections | |
| arrangement of electrical connectors / for main current circuit | Without connection |
| type of electrical connection / for main current circuit | Without |
| Auxiliary circuit | |
| number of CO contacts / for auxiliary contacts | 0 |
| Accessories | |
| product extension / optional / motor drive | Yes |
| Environmental conditions | |
| protection class IP / on the front | IP40 |
| ambient temperature | |
| • during operation / minimum | -25 °C |
| • during operation / maximum | 70 °C |
| • during storage / minimum | -40 °C |
| • during storage / maximum | 80 °C |
| Certificates | |
| reference code / acc. to IEC 81346-2 | Q |
| certificate of suitability / as approval for NAVAL (no combat vessels) / supplement SB | Yes |
| General Product Approval | |



[Miscellaneous](#)

| General Product Approval | EMC | Declaration of Conformity | Shipping Approval | | |
|--------------------------|-----|---------------------------|-------------------|--|--|
| | | | | | |

other

[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

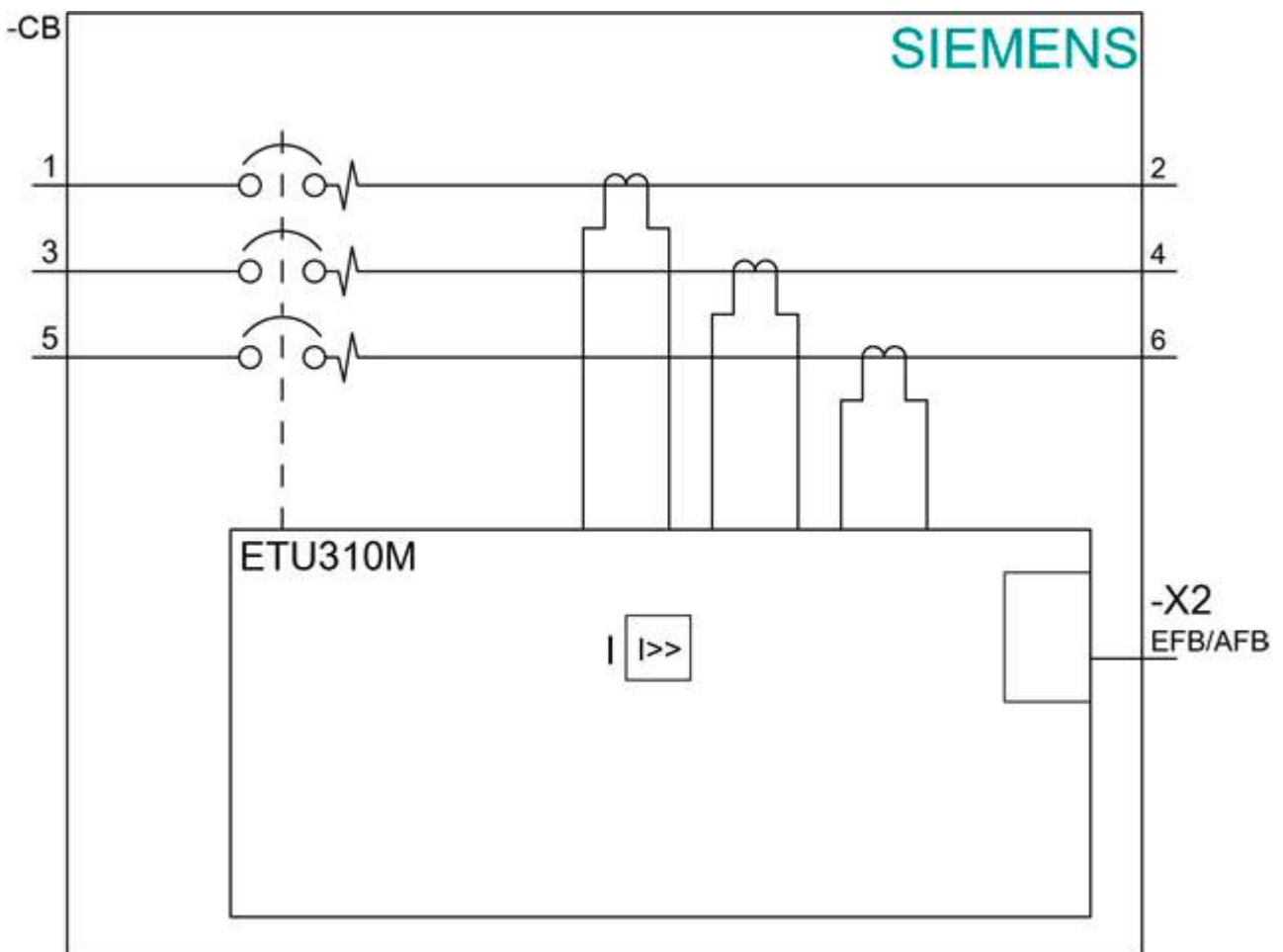
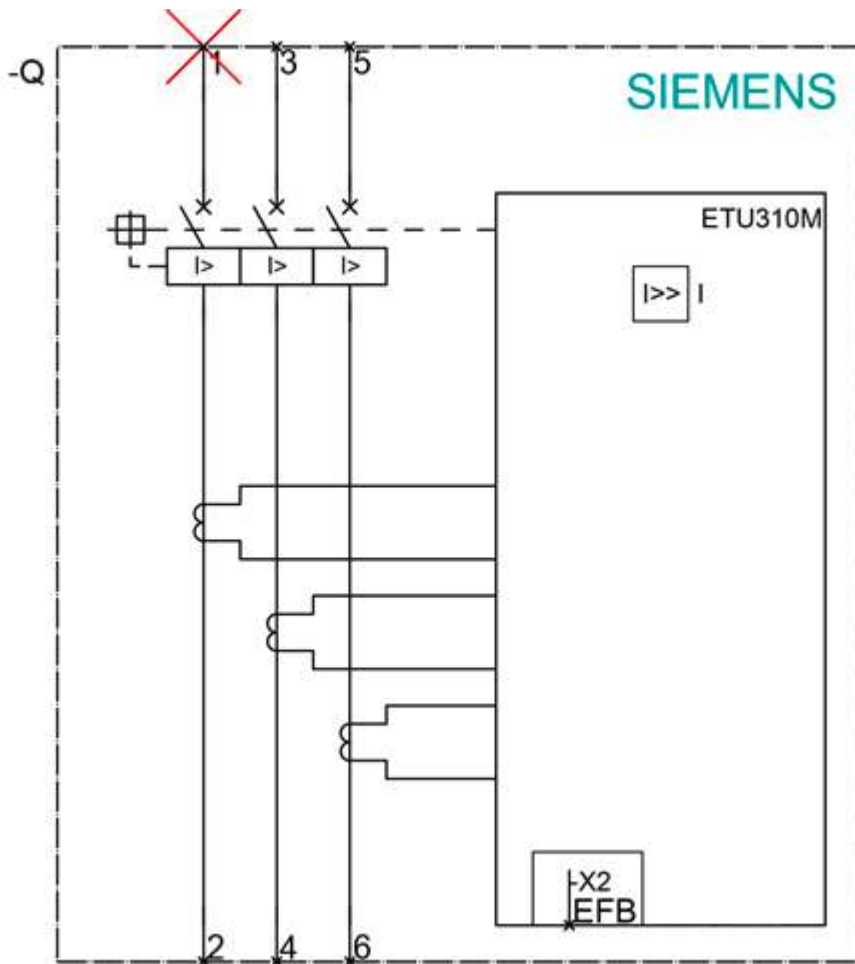
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfib=3VA6320-1MS31-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA6320-1MS31-0AA0>

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



last modified:

12/18/2020 