

CIRCUIT BREAKER 3VA2 IEC FRAME 160 BREAKING CAPACITY CLASS M ICU=55KA @ 415 V 3POLE, LINE PROTECTION ETU320, LI, IN=100A OVERLOAD PROTECTION IR=40A ...100A SHORT CIRCUIT PROTECTION II=1,5...12 X IN CABLE CONNECTION



| Model | |
|--|-----------------------------|
| product brand name | SENTRON |
| Product designation | Molded case circuit breaker |
| Design of the product | Line protection |
| Design of the overcurrent release | ETU320 |
| Protective function of the overcurrent release | LI |
| Number of poles | 3 |

| General technical data | |
|---|---------|
| Mechanical service life (switching cycles) / typical | 20 000 |
| Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz | 12 000 |
| Neutral conductors / upgradeable/retrofitable | No |
| Ground fault monitoring version | Without |

| Switching capacity | |
|---|---|
| Switching capacity class of the circuit breaker | M |

| Adjustable parameters | |
|---|-----|
| Adjustable response value current / I _g min. | 0.5 |
| Adjustable response value current / I _g min. | 17 |

| | |
|--|----|
| Short-term delayed / tripping switchable / I2t=ON/OFF | No |
| Ground fault protection / tripping switchable / I2t=ON/OFF | No |

Connections

| | |
|---|------------------------------|
| Arrangement of electrical connectors / for main current circuit | Front terminal |
| Type of electrical connection / for main current circuit | Box terminal |
| Type of connectable conductor cross-section, round conductor terminal, stranded | 1 x (6-120 mm ²) |





Accessories





| | |
|--|-----|
| Product extension / optional / motor drive | Yes |
|--|-----|



Environmental conditions

| | |
|------------------------------------|------|
| Protection class IP / on the front | IP40 |
|------------------------------------|------|

Certificates

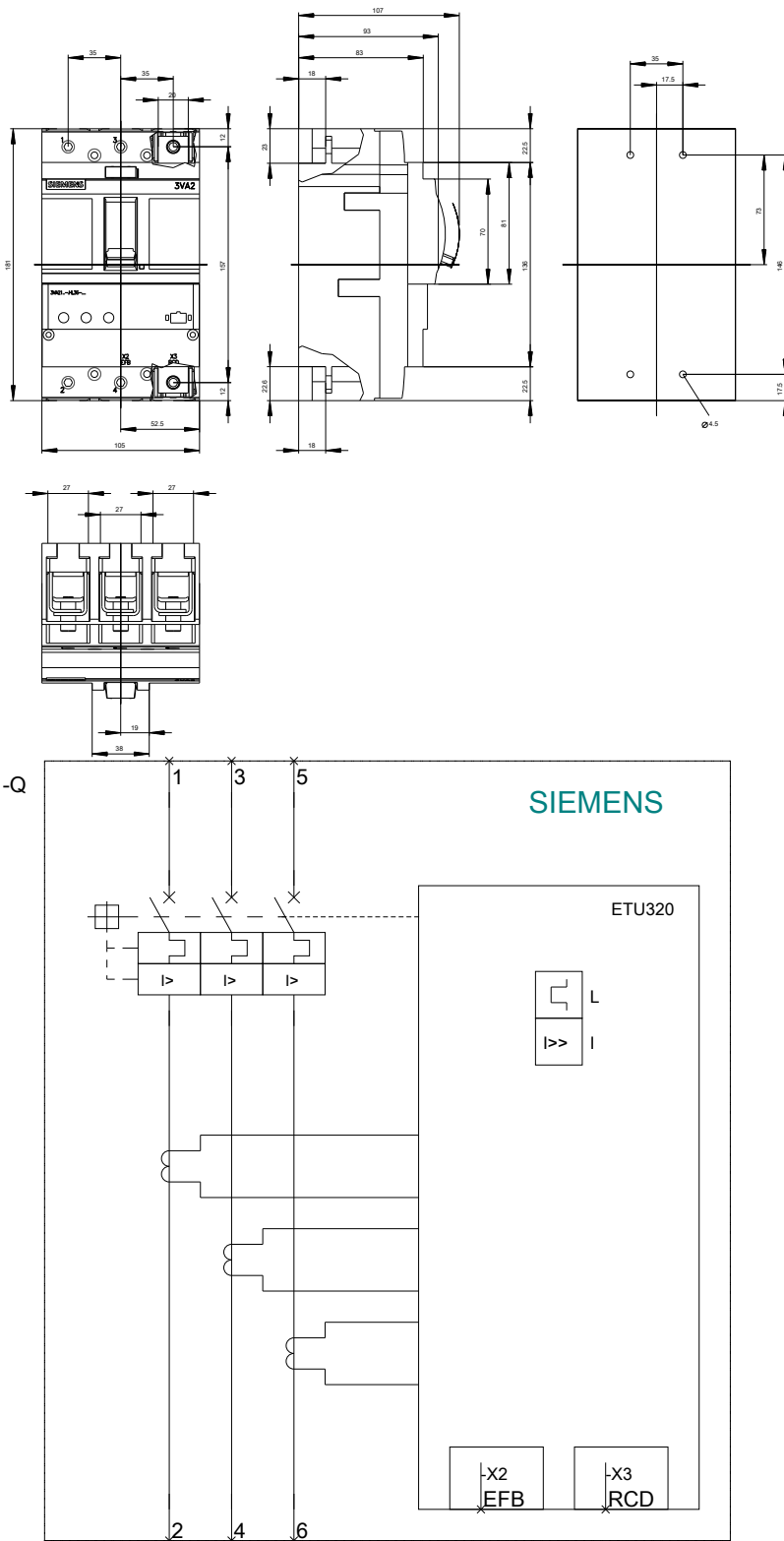
| General Product Approval | EMC | Declaration of Conformity |
|---|---------------------|--|
|  CCC  VDE  EAC sonstig | RCM |  EG-Konf. |

| Test Certificates | Shipping Approval |
|--|--|
| Typprüfbescheinigung/Werkszeugnis sonstig |  ABS  BUREAU VERITAS  DNV  GL |

| Shipping Approval | other |
|---|-------------------------|
|  LRS  RMRS | sonstig |

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/lowvoltage/catalogs>
- Industry Mall (Online ordering system)
<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA21105HL360AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3VA21105HL360AA0/all>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3VA21105HL360AA0



last modified:

26.04.2016