



Miniature circuit-breaker

Part no.

FAZ-C20/3

Article no.

278874



Powering Business Worldwide™

Program

| | | | |
|-------------------------|----------------|---|--|
| Range | | | FAZ miniature circuit-breakers |
| Basic function | | | Miniature circuit-breakers |
| Tripping characteristic | | | C |
| Application | | | Instantaneous release response current 5 - 10 x I _n |
| Switching capacity | | | Switching capacity 15 kA (IEC/EN 60947-2) |
| Rated current | I _n | A | 20 |
| Pole | | | 3 pole |
| Notes | | | With 3 protected poles |
| Contact sequence | | | |

Notes

Switching capacity 10 kA

(IEC/EN 60898) Switching capacity 15 kA

(IEC/EN 60947-2)

Accessories

Auxiliary contacts → 286054

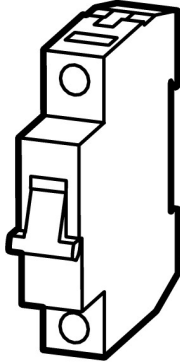
Voltage releases → 291464

Mounting accessories

1 pole 2-pole; 1N-pole

Depth 71 mm Depth 71 mm

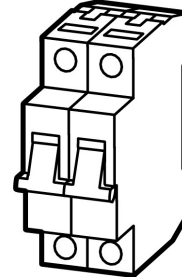
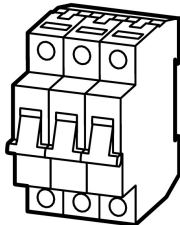
Width 17.5 mm Width 35 mm



3 pole

Depth 71 mm

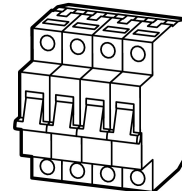
Width 52.5 mm



4-pole; 3-pole + N

Depth 71 mm

Width 70 mm



Approbationen

Product Standards

UL File No.

UL CCN

CSA File No.

CSA Class No.

NA Certification

Conditions of Acceptability

IEC/EN 60947-2; IEC/EN 60898; UL 1077; CSA-C22.2 No. 235; CE marking

E177451

QVNU2, QVNU8

204453

3215-30

UL recognized, CSA certified

Supplementary Protector only

Electrical

| | | | |
|--------------------------------|----------------|----------------|--------------------------------|
| Standards | | | IEC/EN 60947-2 IEC/EN 60898 |
| Rated operational voltage | U _e | V | |
| | U _e | V AC | 230/400 |
| | | V DC | 48 (per pole) |
| Rated switching capacity | | kA | 15 |
| Operational switching capacity | | kA | 7.5 |
| Characteristic | | | B, C, D |
| Max. back-up fuse | | A gL/ gG | 125 |
| Selectivity Class | | | 3 |
| Lifespan | Operations | | > 10000 |
| Direction of incoming supply | | | As required |

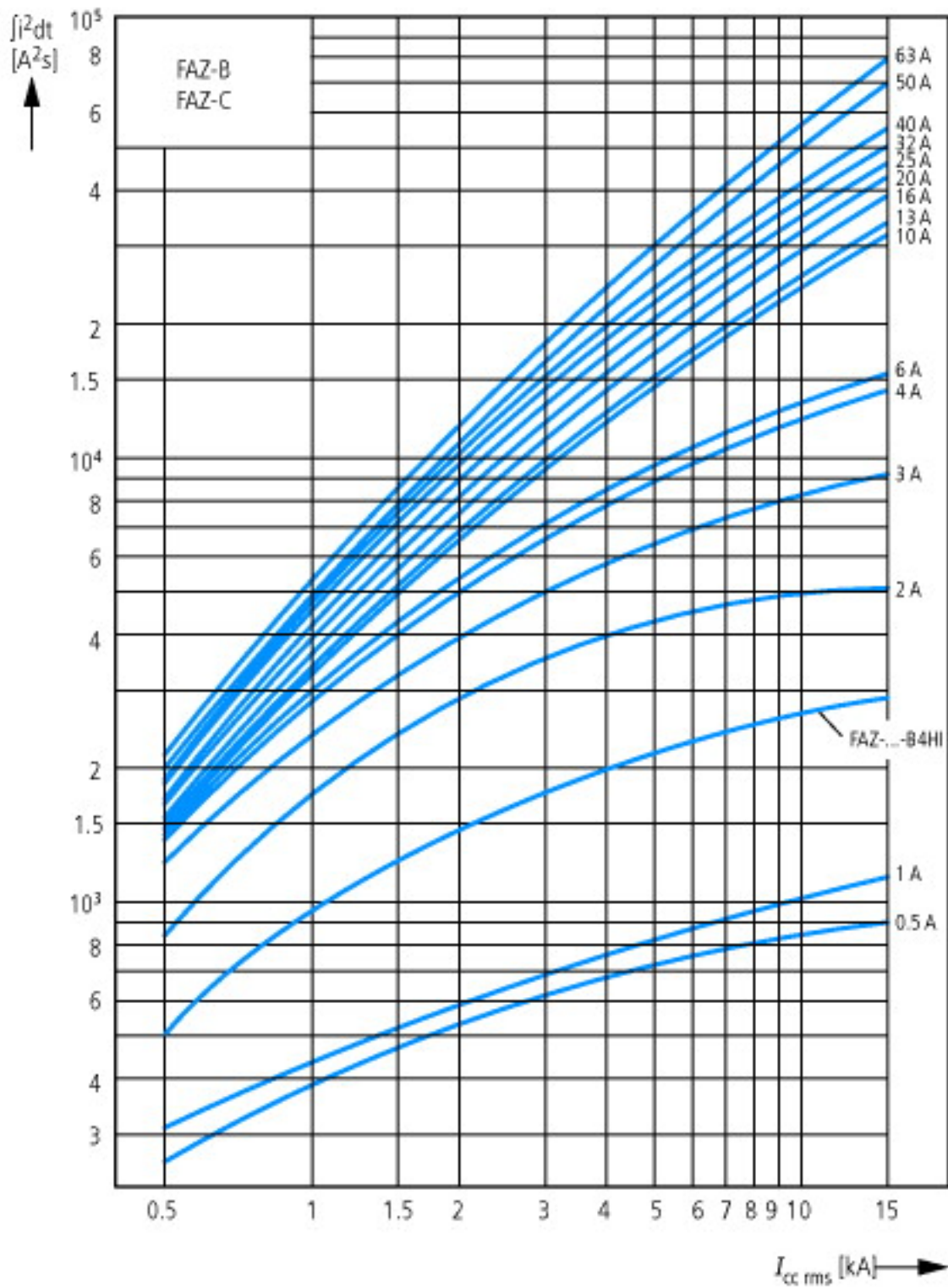
Mechanical

| | | | |
|------------------------------|--|-----------------|---|
| Standard front dimension | | mm | 45 |
| Enclosure height | | mm | 80 |
| Terminal protection | | | Finger and back-of-hand proof to BGV A2 |
| Mounting width per pole | | mm | 17.5 |
| Mounting | | | IEC/EN 60715 top-hat rail |
| Protection type | | | IP20, IP40 (when fitted) |
| Terminals top and bottom | | | Twin-purpose terminals |
| Terminal capacities | | mm ² | |
| | | mm ² | 1 x 25 |
| | | mm ² | 2 x 10 |
| Thickness of busbar material | | mm | 0.8 ... 2 |
| Mounting position | | | As required |

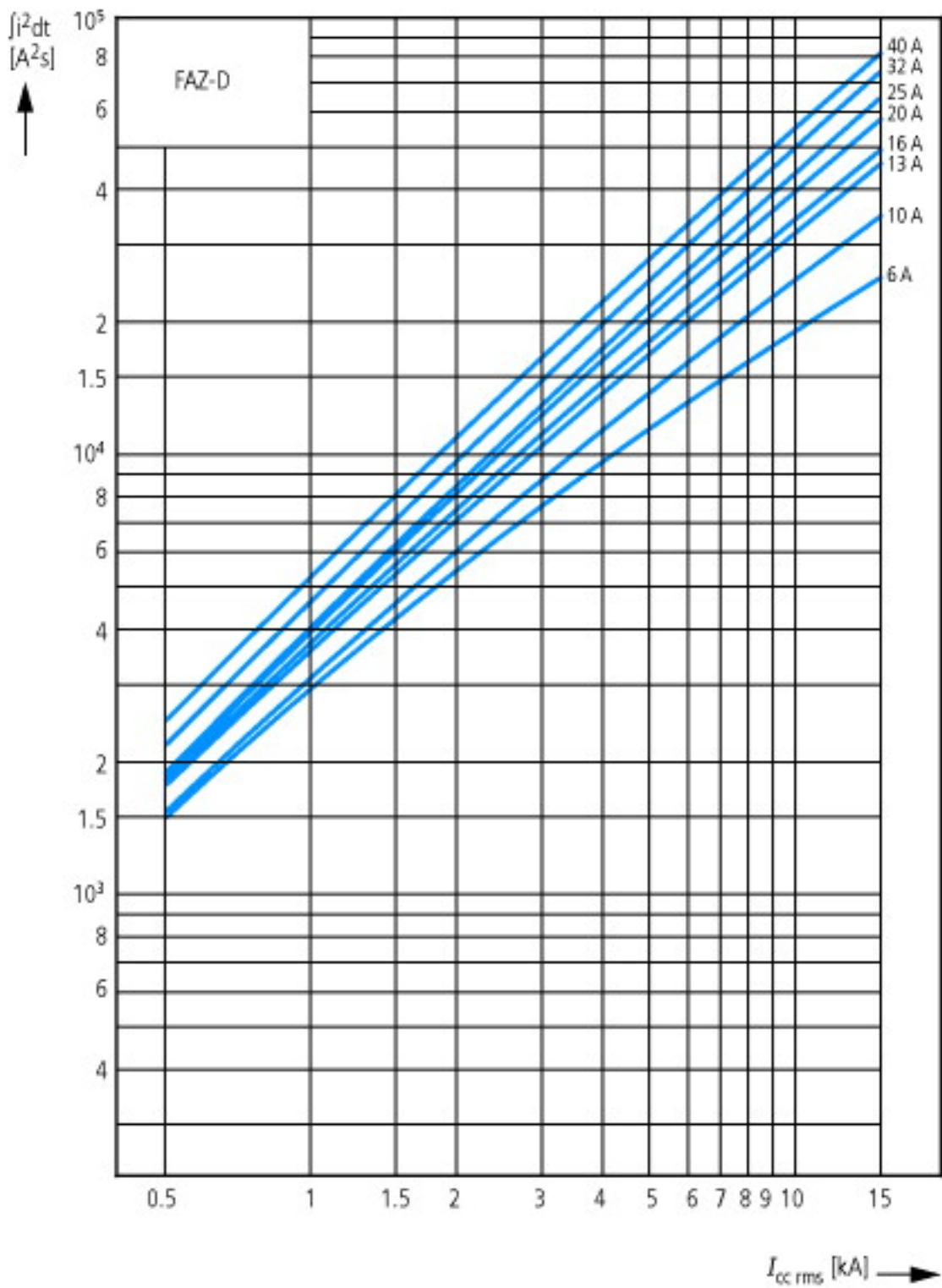
Technical data according to ETIM 4.0

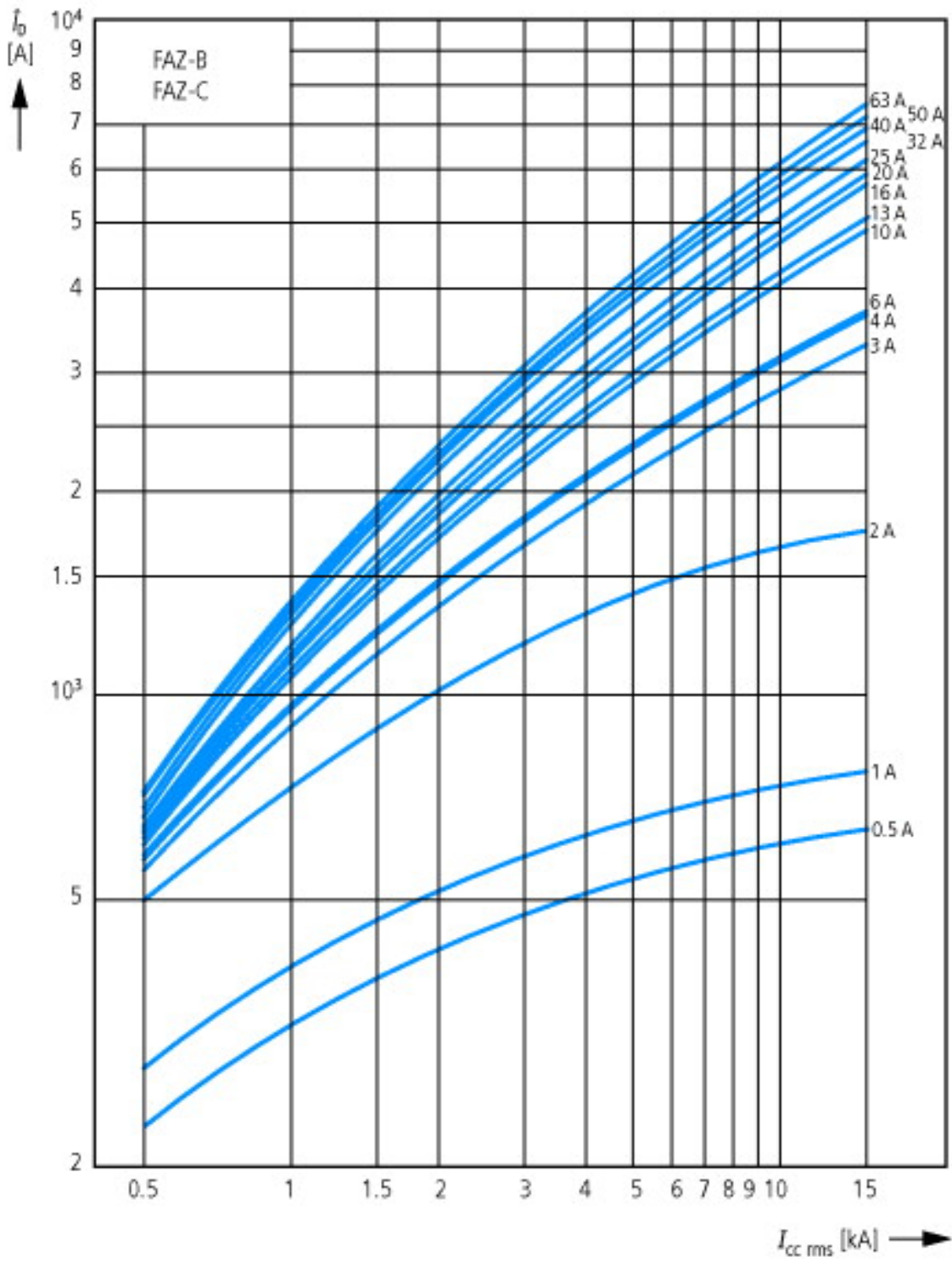
| | | | |
|---|--|----|-------|
| Frequency | | Hz | 50 Hz |
| Voltage type | | | AC |
| Mounting depth | | mm | 71 mm |
| Rated current | | A | 20 A |
| Rated voltage | | V | 400 V |
| Trip type | | | C |
| Number of poles | | | 3 |
| Current-limiting class | | | 3 |
| Overvoltage category | | | 3 |
| Pollution degree | | | 2 |
| Width in space units | | | 3 |
| Protection type (IP) | | | IP20 |
| Neutral conductor switching with pole | | | false |
| Rated switching capacity according to EN 60898 | | kA | 10 kA |
| Rated switching capacity according to IEC 60947-2 | | kA | 0 kA |
| Additional equipment possible | | | true |

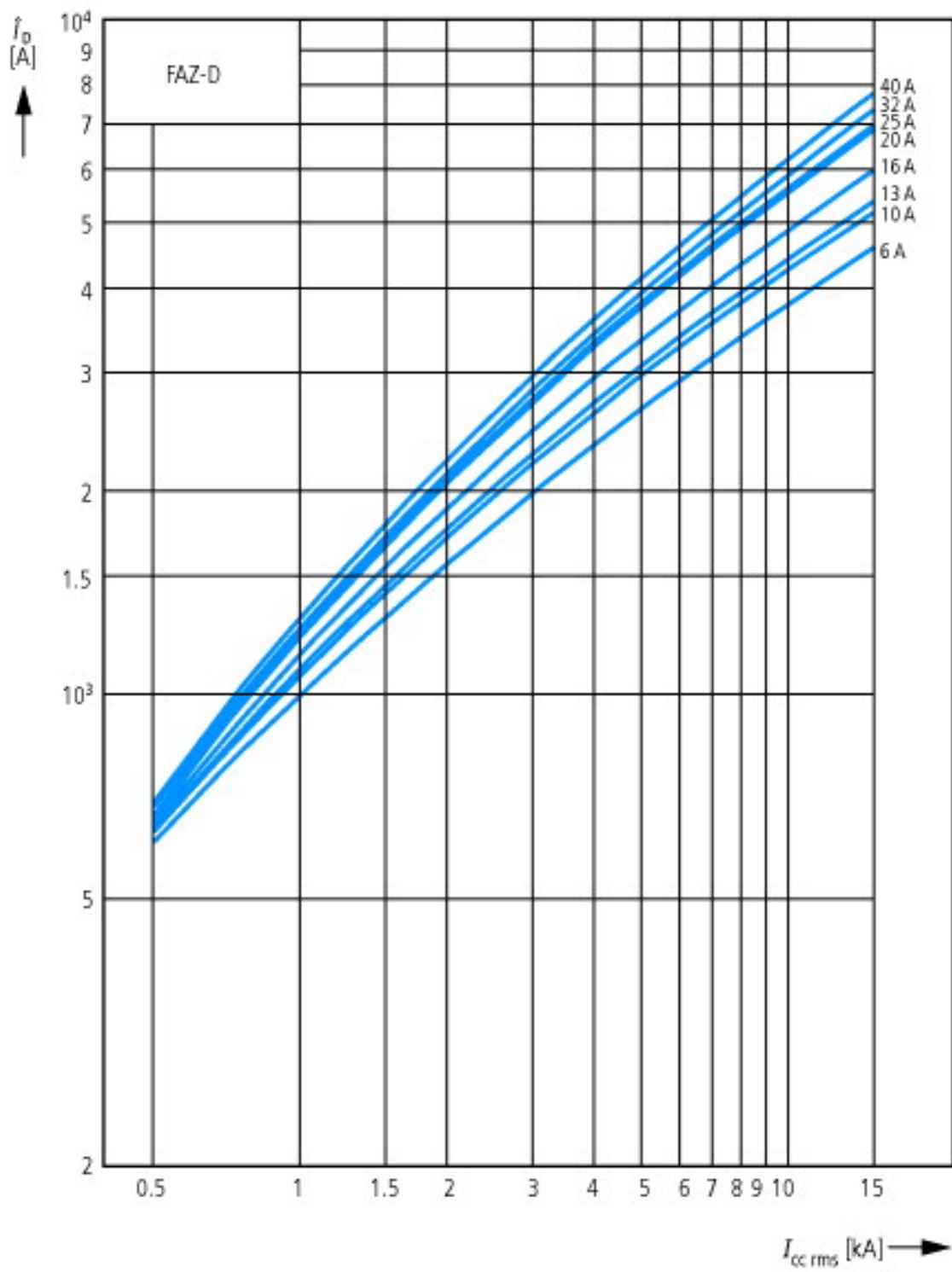
Characteristics

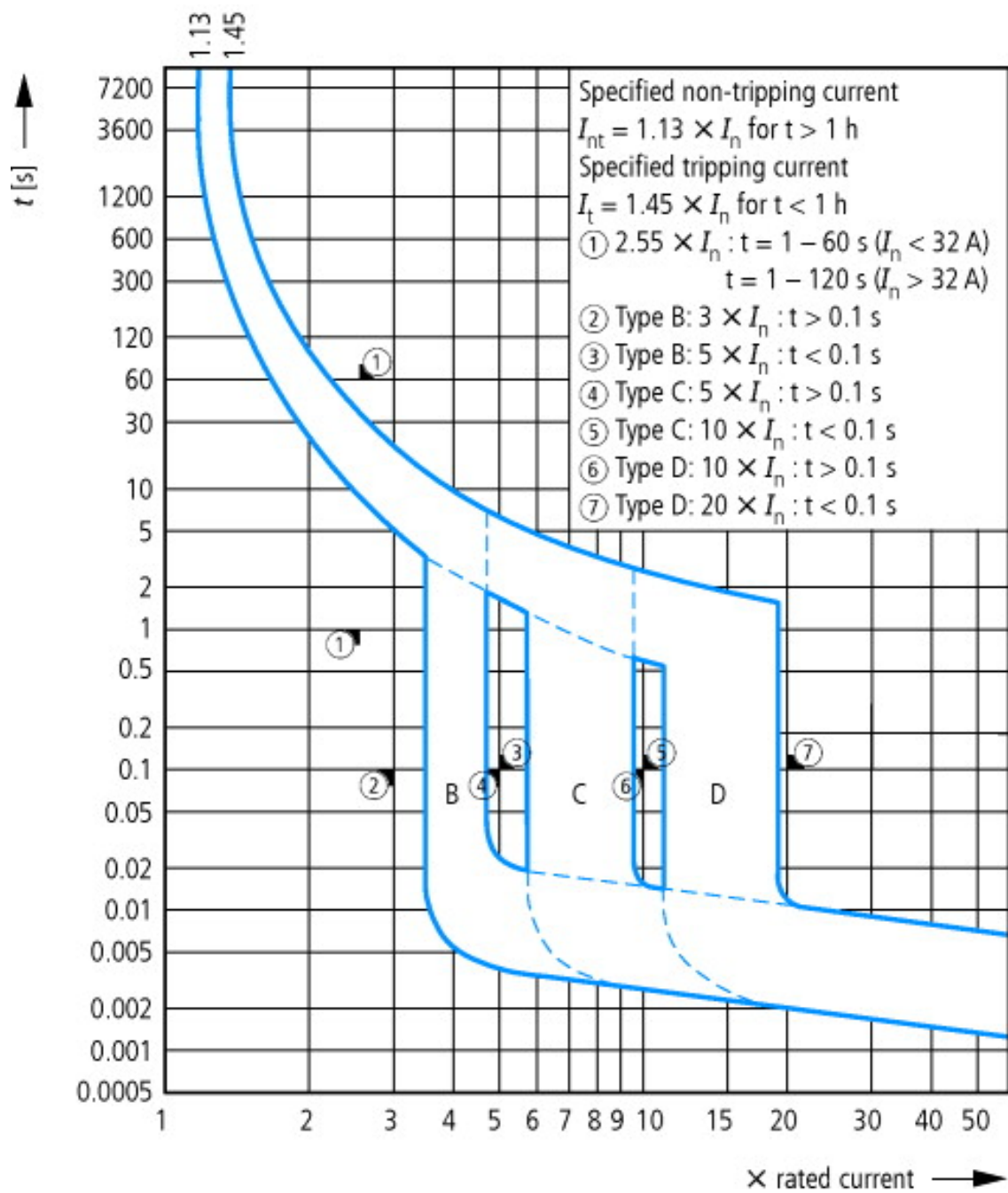


Let-through energy I^2t
According to IEC/EN 60898









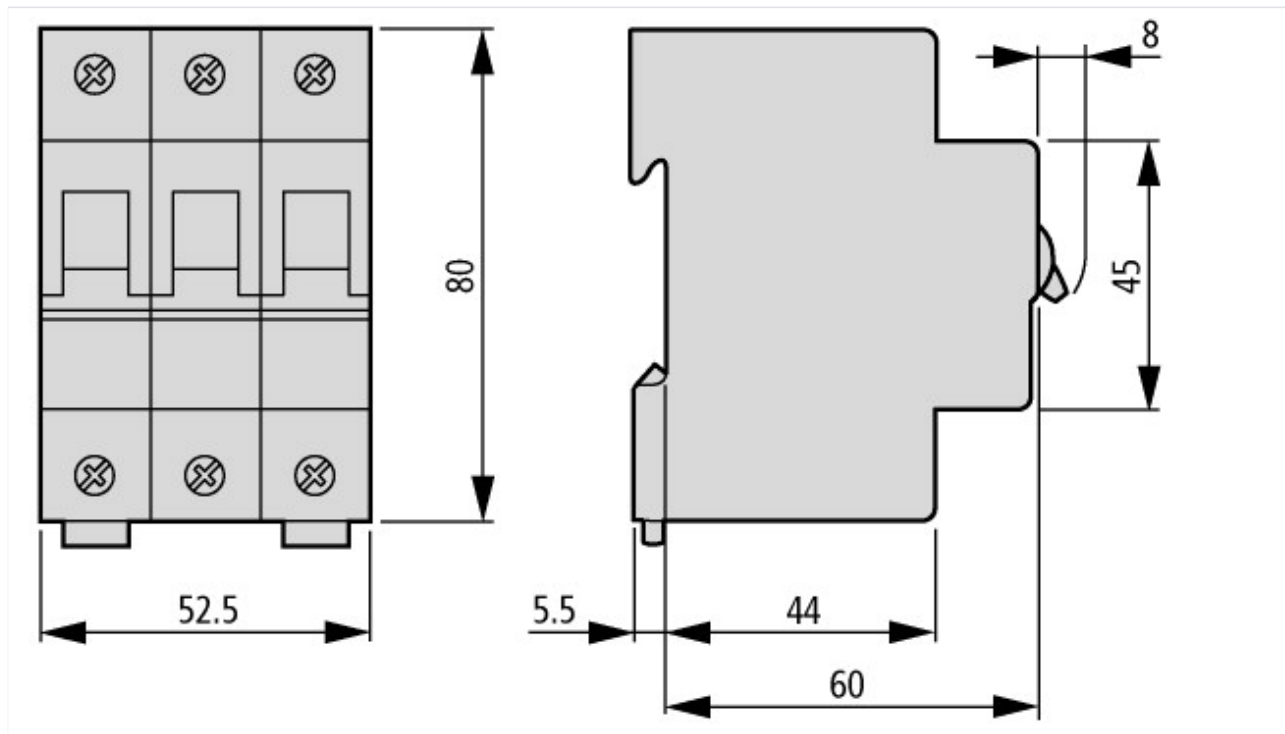
Tripping characteristic at 30 °C:
 B, C, D to IEC/EN 60898

CAD-Data

Product standards CAD data:

<http://eaton-moeller.partcommunity.com>

Dimensions



Additional product information (links)

| | |
|-------------------------------------|---|
| AWA1220-1755 Circuit-breaker | ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/17550701.pdf |
| Installation Instructions | http://www.moeller.net/en/support/instructions_awa.jsp |
| Documentation | http://www.moeller.net/en/support/index.jsp |
| Engineering | |
| External influences and loadability | ftp://ftp.moeller.net/DOCUMENTATION/PDF/GB/TD_FAZ_neu_14_de.pdf |