



## Miniature Circuit Breakers

### Series G60

|                |      |
|----------------|------|
| EN/IEC 60898-1 | 6000 |
|                | 3    |
| EN/IEC 60947-2 | 10kA |

Special executions G60S for Shipping application in separate document.

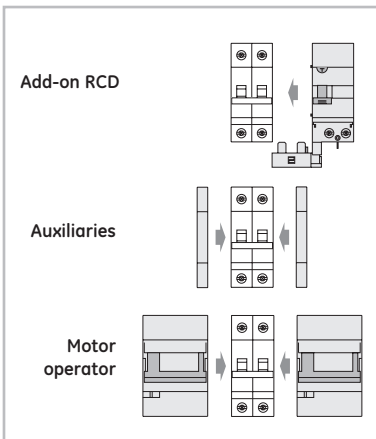
### Applications



### Approvals / Marking



### Add-on devices



- Add-on RCD ● pg B.32
- Auxiliary contacts ● pg C.4
- Motor operator ● pg C.7
- Shunt trip ● pg C.8
- Undervoltage release ● pg C.8
- Panel board switch ● pg C.8

- Accessories ● pg A.50
- Busbars ● pg E.2
- More technical data ● website
- Dimensions ● pg A.80

### Performance

|  |                    |                 |
|--|--------------------|-----------------|
| Thermal setting $I_n$                  | (A)                | 2-63            |
| Rated voltage AC $U_n$                 | (V)                | 240/415         |
| Minimum operating voltage $U_{B \min}$ | (V)                | 12              |
| Tripping characteristics               |                    | B-C-D           |
| Selectivity class                      |                    | 3               |
| Mechanical/electrical endurance        |                    | 20000/10000     |
| Tropicalisation acc.to EN/IEC 60068-2  |                    | 95%RH at 55°C   |
| Terminal capacity flexible/rigid cable | (mm <sup>2</sup> ) | 25-35           |
| Poles                                  |                    | 1, 1+N, 2, 3, 4 |
| Weight                                 | (g/pole)           | 120             |

### Short-circuit capacity

#### AC acc. to EN/IEC 60898-1

| Poles | V       | $I_{cn}/I_{cs}$ (kA) |
|-------|---------|----------------------|
| 1-4   | 230/400 | 6                    |

#### AC acc. to EN/IEC 60947-2

| Poles  | V   | $I_{cu}$ (kA) <sup>(1)</sup> |
|--------|-----|------------------------------|
| 1      | 240 | 10                           |
| 1+N, 2 | 127 | 30                           |
|        | 240 | 20                           |
| 2      | 415 | 10                           |
| 3, 4   | 240 | 20                           |
|        | 415 | 10                           |

#### DC acc. to EN/IEC 60947-2






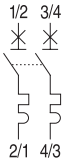

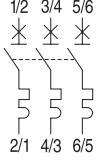

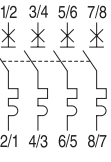
| Poles | $V_{DC}$ <sup>(2)</sup> | $I_{cu}/I_{cs}$ (kA) |
|-------|-------------------------|----------------------|
| 1     | 60                      | 20                   |
| 2     | 125                     | 25                   |

(1)  $I_{cs} = 75\% I_{cu}$

(2) Nominal and Maximum VDC on page A.4-A.5

Compact MCBs 6 kA, see page A.61, A.63, A.66  
Screwless MCBs 6 kA, see page A.76

Series G60 - 6kA - characteristics B-C-D

|  | In (A)   | B        |          | C        |          | D        |          | Pack.  |   |
|--|--|----------|----------|----------|----------|----------|----------|--------|---|
|  |  | Cat. No. | Ref. No. | Cat. No. | Ref. No. | Cat. No. | Ref. No. |        |   |
|  <p>1P<br/>1 mod.</p>      | 2  | -        | -        | G61C02   | 674598   | G61D02   | 674760   | 12     |   |
|  | 4  | -        | -        | G61C04   | 674600   | G61D04   | 674762   | 12     |   |
|  | 6  | G61B06   | 674692   | G61C06   | 674601   | G61D06   | 674763   | 12     |   |
|  | 10   | G61B10   | 674694   | G61C10   | 674603   | G61D10   | 674765   | 12     |   |
|  | 16   | G61B16   | 674696   | G61C16   | 674605   | G61D16   | 674767   | 12     |   |
|  | 20   | G61B20   | 674697   | G61C20   | 674606   | G61D20   | 674768   | 12     |   |
|  | 25   | G61B25   | 674698   | G61C25   | 674607   | G61D25   | 674769   | 12     |   |
|  | 32   | G61B32   | 674699   | G61C32   | 674608   | G61D32   | 674770   | 12     |   |
|  | 40   | G61B40   | 674700   | G61C40   | 674609   | G61D40   | 674771   | 12     |   |
|  | 50   | G61B50   | 674701   | G61C50   | 674610   | G61D50   | 674772   | 12     |   |
|  | 63   | G61B63   | 674702   | G61C63   | 674611   | G61D63   | 674773   | 12     |   |
|  |  <p>1P+N<br/>2 mod.</p>    | 2        | -        | -        | G61NC02  | 674614   | G61ND02  | 674776 | 6 |
|  |  | 4        | -        | -        | G61NC04  | 674616   | G61ND04  | 674778 | 6 |
| 6  |  | G61NB06  | 674703   | G61NC06  | 674617   | G61ND06  | 674779   | 6      |   |
| 10   |  | G61NB10  | 674705   | G61NC10  | 674619   | G61ND10  | 674781   | 6      |   |
| 16   |  | G61NB16  | 674707   | G61NC16  | 674621   | G61ND16  | 674783   | 6      |   |
| 20   |  | G61NB20  | 674708   | G61NC20  | 674622   | G61ND20  | 674784   | 6      |   |
| 25   |  | G61NB25  | 674709   | G61NC25  | 674623   | G61ND25  | 674785   | 6      |   |
| 32   |  | G61NB32  | 674710   | G61NC32  | 674624   | G61ND32  | 674786   | 6      |   |
| 40   |  | G61NB40  | 674711   | G61NC40  | 674625   | G61ND40  | 674787   | 6      |   |
| 50   |  | G61NB50  | 674712   | G61NC50  | 674626   | G61ND50  | 674788   | 6      |   |
| 63   |  | G61NB63  | 674713   | G61NC63  | 674627   | G61ND63  | 674789   | 6      |   |
|  <p>2P<br/>2 mod.</p>  |  | 2        | -        | -        | G62C02   | 674630   | G62D02   | 674792 | 6 |
|  |  | 4        | -        | -        | G62C04   | 674632   | G62D04   | 674794 | 6 |
|  | 6  | G62B06   | 674714   | G62C06   | 674633   | G62D06   | 674795   | 6      |   |
|  | 10   | G62B10   | 674716   | G62C10   | 674635   | G62D10   | 674797   | 6      |   |
|  | 16   | G62B16   | 674718   | G62C16   | 674637   | G62D16   | 674799   | 6      |   |
|  | 20   | G62B20   | 674719   | G62C20   | 674638   | G62D20   | 674800   | 6      |   |
|  | 25   | G62B25   | 674720   | G62C25   | 674639   | G62D25   | 674801   | 6      |   |
|  | 32   | G62B32   | 674721   | G62C32   | 674640   | G62D32   | 674802   | 6      |   |
|  | 40   | G62B40   | 674722   | G62C40   | 674641   | G62D40   | 674803   | 6      |   |
|  | 50   | G62B50   | 674723   | G62C50   | 674642   | G62D50   | 674804   | 6      |   |
|  | 63   | G62B63   | 674724   | G62C63   | 674643   | G62D63   | 674805   | 6      |   |
|  |  <p>3P<br/>3 mod.</p>  | 2        | -        | -        | G63C02   | 674646   | G63D02   | 674808 | 4 |
|  |  | 4        | -        | -        | G63C04   | 674648   | G63D04   | 674810 | 4 |
| 6  |  | G63B06   | 674725   | G63C06   | 674649   | G63D06   | 674811   | 4      |   |
| 10   |  | G63B10   | 674727   | G63C10   | 674651   | G63D10   | 674813   | 4      |   |
| 16   |  | G63B16   | 674729   | G63C16   | 674653   | G63D16   | 674815   | 4      |   |
| 20   |  | G63B20   | 674730   | G63C20   | 674654   | G63D20   | 674816   | 4      |   |
| 25   |  | G63B25   | 674731   | G63C25   | 674655   | G63D25   | 674817   | 4      |   |
| 32   |  | G63B32   | 674732   | G63C32   | 674656   | G63D32   | 674818   | 4      |   |
| 40   |  | G63B40   | 674733   | G63C40   | 674657   | G63D40   | 674819   | 4      |   |
| 50   |  | G63B50   | 674734   | G63C50   | 674658   | G63D50   | 674820   | 4      |   |
| 63   |  | G63B63   | 674735   | G63C63   | 674659   | G63D63   | 674821   | 4      |   |
|  <p>4P<br/>4 mod.</p>  |  | 0.5      | -        | -        | G64C0.5  | 674660   |          |        | 3 |
|  |  | 2        | -        | -        | G64C02   | 674662   | G64D02   | 674824 | 3 |
|  | 4  | -        | -        | G64C04   | 674664   | G64D04   | 674826   | 3      |   |
|  | 6  | G64B06   | 674736   | G64C06   | 674665   | G64D06   | 674827   | 3      |   |
|  | 10   | G64B10   | 674738   | G64C10   | 674667   | G64D10   | 674829   | 3      |   |
|  | 16   | G64B16   | 674740   | G64C16   | 674669   | G64D16   | 674831   | 3      |   |
|  | 20   | G64B20   | 674741   | G64C20   | 674670   | G64D20   | 674832   | 3      |   |
|  | 25   | G64B25   | 674742   | G64C25   | 674671   | G64D25   | 674833   | 3      |   |
|  | 32   | G64B32   | 674743   | G64C32   | 674672   | G64D32   | 674834   | 3      |   |
|  | 40   | G64B40   | 674744   | G64C40   | 674673   | G64D40   | 674835   | 3      |   |
|  | 50   | G64B50   | 674745   | G64C50   | 674674   | G64D50   | 674836   | 3      |   |
|  | 63   | G64B63   | 674746   | G64C63   | 674675   | G64D63   | 674837   | 3      |   |

Series G60

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