

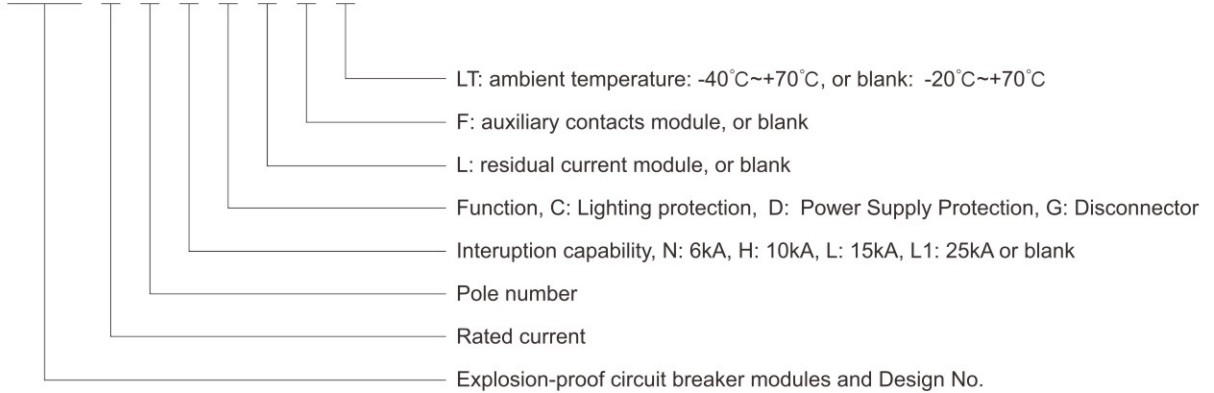
## Components for Distribution Boxes BL8060 Series Explosion-proof Circuit Breaker Modules



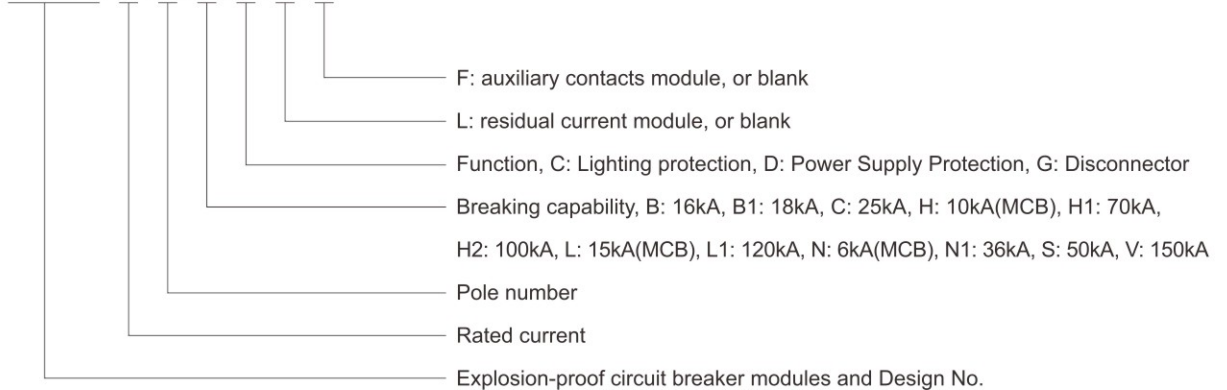
- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Product of flame-proof structure; the cavity is of engineering plastic embedded with high strength metal frame structure; with strong corrosion-proof capacity and reliable performance.
- ◆ Built-in Schneider iC65 series MCB, special operation mechanism internally designed, reliable overall operation.

### Catalogue number logic

BL8060 - □ / □ / □ / □ / □ / □ / □ / □



BL8060-d / □ / □ / □ / □ / □ / □ / □



## Zones 1&2

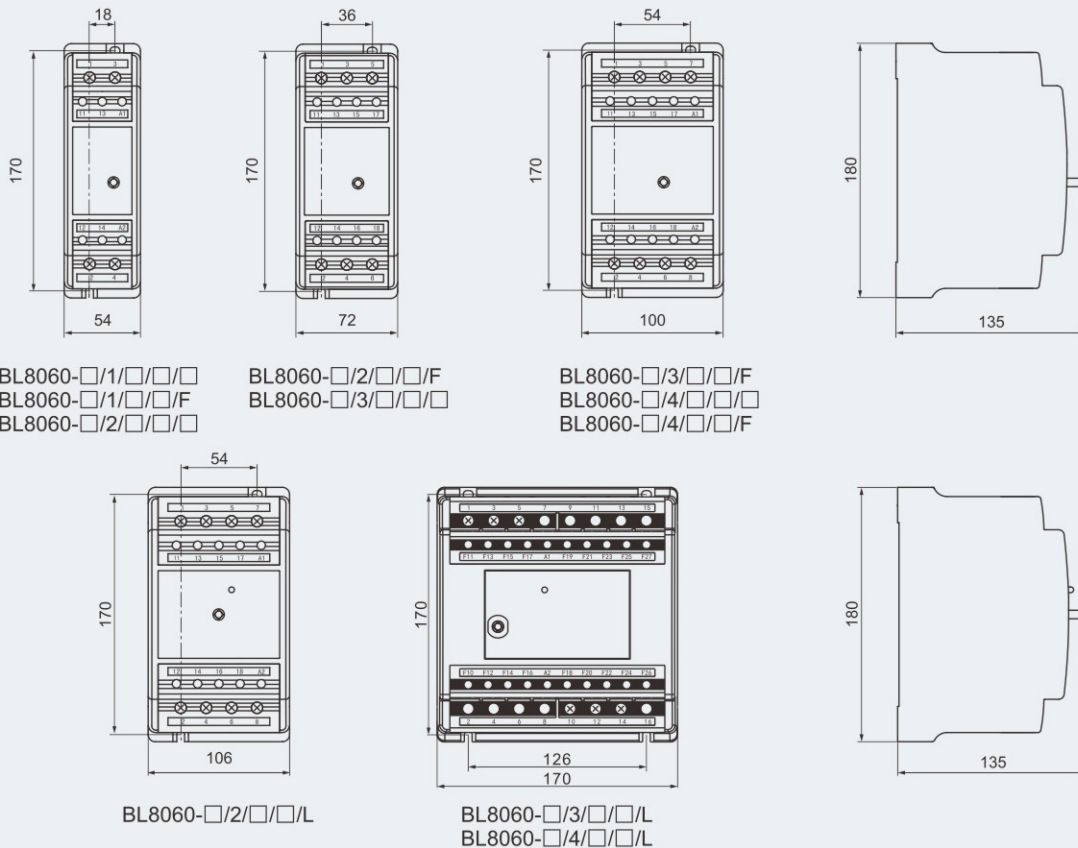
## Components for Distribution Boxes BL8060 Series Explosion-proof Circuit Breaker Modules

### Technical data

**Explosion-proof circuit breaker modules BL8060-□/□/□/□/□(≤63A)(-20°C~+70°C)**

<b>Explosion protection</b>	IECEX CQM 14.0031U																						
Global (IECEX)	Ex db eb IIC Gb																						
Gas	EUT 14 ATEX 1301U																						
Europe (ATEX)	⊕ II 2 G Ex db eb IIC Gb																						
Gas	IECEX; ATEX																						
<b>Certificates</b>	EN 60079-0, EN 60079-1, EN 60079-7																						
<b>Conformity to standards</b>	IEC 60079-0, IEC 60079-1, IEC 60079-7																						
<b>Enclosure material</b>	GRP (glass fibre-reinforced polyester resin)																						
<b>Rated voltage</b>	Max. 690V AC 50/60Hz, Max. 500V DC																						
<b>Rated current</b>	1A, 2A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A																						
<b>Rated residual operating current</b>	30mA, 300mA, 300mA <sup>Ⓢ</sup> Ⓢ: Under-voltage tripping(instant)																						
<b>Rated residual current characteristics</b>	AC, A																						
<b>Mechanical life</b>	20000 times																						
<b>Auxiliary contact</b>	1NO+1NC (indicating contact in OFF state)																						
<b>Number of pole</b>	1P, 2P, 3P, 4P, 1PL, 2PL																						
<b>Ambient temperature</b>	-20°C~+70°C																						
<b>Breaking capacity</b>	<table border="1"> <tr> <td>Ph.-Ph. (2P, 3P, 4P)</td> <td>12~133V</td> <td>220~240V</td> <td>380~415V</td> <td>440V</td> <td rowspan="2">Use breaking capacity</td> </tr> <tr> <td>Ph.-N (1P, 1P+N)</td> <td>12~60V</td> <td>100~133V</td> <td>220~240V</td> <td>-</td> </tr> <tr> <td rowspan="2">Rated current</td> <td>1~4A</td> <td colspan="3">6kA, 10kA, 22kA</td> <td>100%Icu</td> </tr> <tr> <td>6~63A</td> <td colspan="3"></td> <td>75%Icu</td> </tr> </table>	Ph.-Ph. (2P, 3P, 4P)	12~133V	220~240V	380~415V	440V	Use breaking capacity	Ph.-N (1P, 1P+N)	12~60V	100~133V	220~240V	-	Rated current	1~4A	6kA, 10kA, 22kA			100%Icu	6~63A				75%Icu
Ph.-Ph. (2P, 3P, 4P)	12~133V	220~240V	380~415V	440V	Use breaking capacity																		
Ph.-N (1P, 1P+N)	12~60V	100~133V	220~240V	-																			
Rated current	1~4A	6kA, 10kA, 22kA			100%Icu																		
	6~63A				75%Icu																		

### Dimension drawings (all dimensions in mm) - subject to alteration



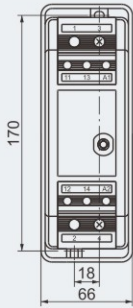
## Components for Distribution Boxes BL8060 Series Explosion-proof Circuit Breaker Modules

### Technical data

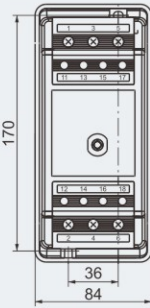
**Explosion-proof circuit breaker modules BL8060-□/□/□/□/□/LT(≤63A)(-40°C~+70°C)**

<b>Explosion protection</b>	IECEX CQM 14.0031U					
Global (IECEX)	Ex db eb IIC Gb					
Gas	EUT 14 ATEX 1301U					
Europe (ATEX)	⊕ II 2 G Ex db eb IIC Gb					
Gas	IECEX; ATEX					
<b>Certificates</b>	EN 60079-0, EN 60079-1, EN 60079-7					
<b>Conformity to standards</b>	IEC 60079-0, IEC 60079-1, IEC 60079-7					
<b>Enclosure material</b>	GRP (glass fibre-reinforced polyester resin)					
<b>Rated voltage</b>	Max. 690V AC 50/60Hz, Max. 500V DC					
<b>Rated current</b>	1A, 2A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A					
<b>Rated residual operating current</b>	30mA, 300mA, 300mA <sup>Ⓢ</sup> Ⓢ: Under-voltage tripping(instant)					
<b>Rated residual current characteristics</b>	AC, A					
<b>Mechanical life</b>	20000 times					
<b>Auxiliary contact</b>	1NO+1NC (indicating contact in OFF state)					
<b>Number of pole</b>	1P, 2P, 3P, 4P, 1PL, 2PL					
<b>Ambient temperature</b>	-40°C~+70°C					
<b>Breaking capacity</b>	Ph.-Ph. (2P, 3P, 4P)	12~133V	220~240V	380~415V	440V	Use breaking capacity
	Ph.-N (1P, 1P+N)	12~60V	100~133V	220~240V	-	
	Rated current	1~4A	6kA, 10kA, 22kA			100%Icu
		6~63A				75%Icu

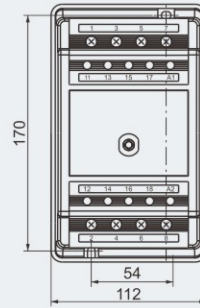
### Dimension drawings (all dimensions in mm) - subject to alteration



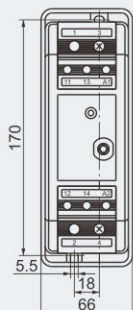
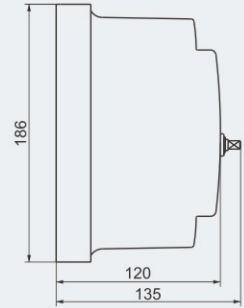
BL8060-□/1/□/□/□/LT  
BL8060-□/2/□/□/□/LT  
BL8060-□/1/□/□/□/FT



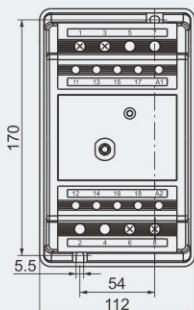
BL8060-□/3/□/□/□/LT  
BL8060-□/2/□/□/□/FT



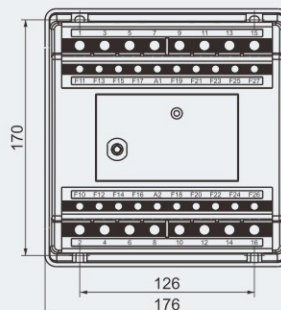
BL8060-□/4/□/□/□/LT  
BL8060-□/3/□/□/□/FT  
BL8060-□/4/□/□/□/FT



BL8060-□/2/□/□/□/□/LT



BL8060-□/2/□/□/□/□/LT  
BL8060-□/2/□/□/□/□/FT



BL8060-□/3/□/□/□/□/LT  
BL8060-□/4/□/□/□/□/LT  
BL8060-□/3/□/□/□/□/FT  
BL8060-□/4/□/□/□/□/FT

