

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



Explosion protection to

- CENELEC
- IEC
- NEC

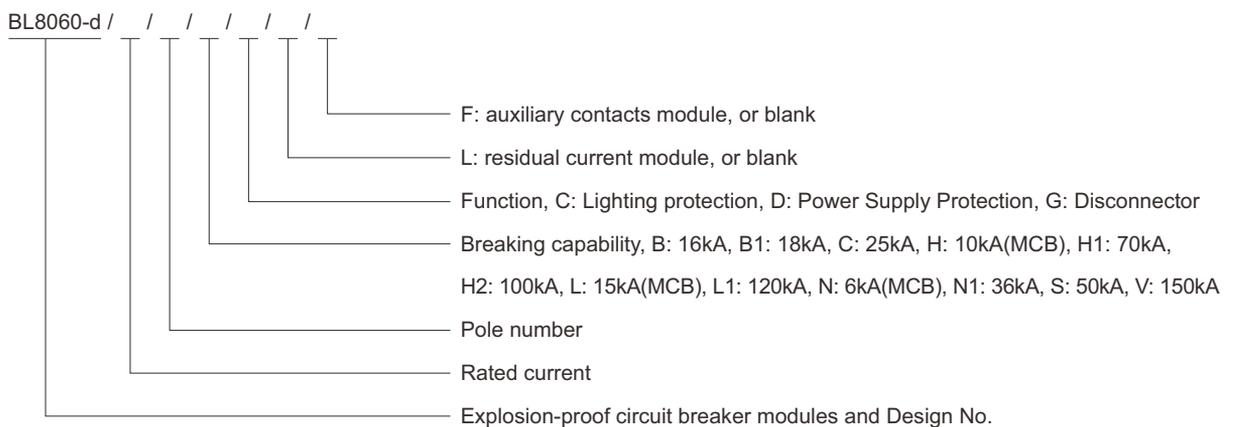
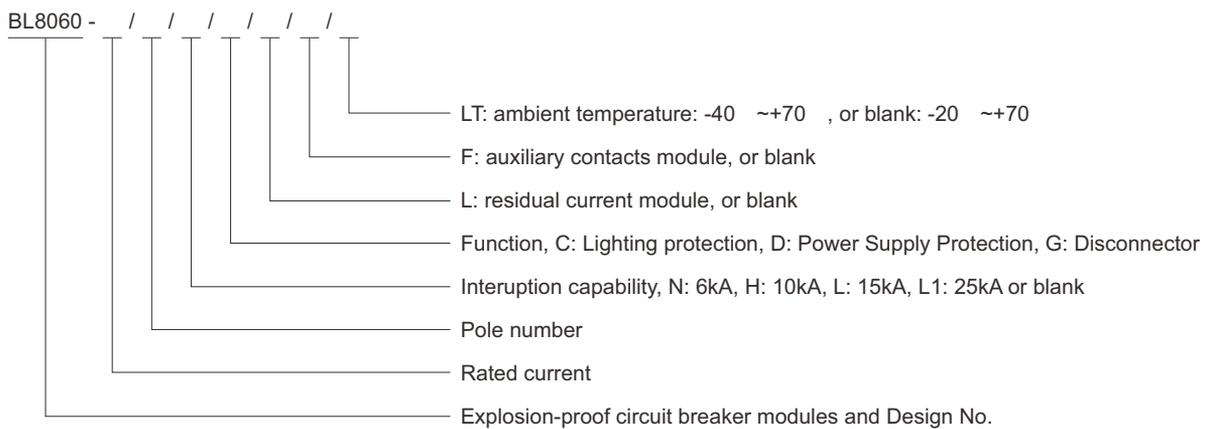
Can be used in

- 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



Zones 1&2



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

Technical data

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

Explosion protection

Global (IECEX)	IECEX CQM 14.0031U
Gas	Ex db eb IIC Gb
Europe (ATEX)	EUT 14 ATEX 1301U
Gas	⊕ II 2 G Ex db eb IIC Gb

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7
IEC 60079-0, IEC 60079-1, IEC 60079-7

Enclosure material

GRP (glass fibre-reinforced polyester resin)

Rated voltage

Max.690V AC 50/60Hz, Max. 500V DC

Rated current

1A, 2A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A

Rated residual operating current

30mA, 300mA, 300mA[Ⓢ] Ⓢ:Under- voltage tripping(instant)

Rated residual current characteristics

AC, A

Mechanical life

20000 times

Auxiliary contact

1NO+ 1NC (indicating contact in OFF state)

Number of pole

1P, 2P, 3P, 4P, 1PL, 2PL

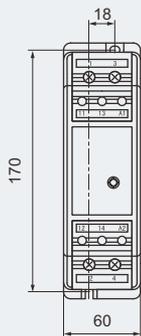
Ambient temperature

-20 ~+70

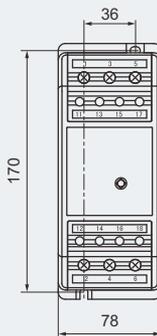
Breaking capacity

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

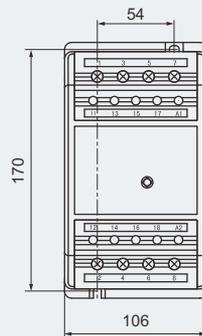
Dimension drawings (all dimensions in mm) - subject to alteration



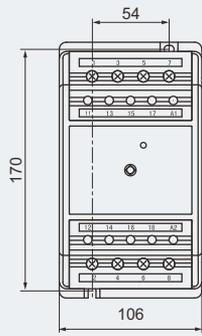
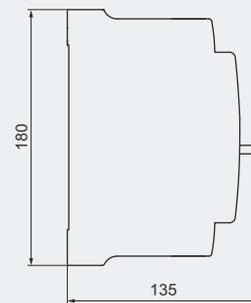
BL8060-□/1/□/□/□
BL8060-□/1/□/□/□/□
BL8060-□/2/□/□/□



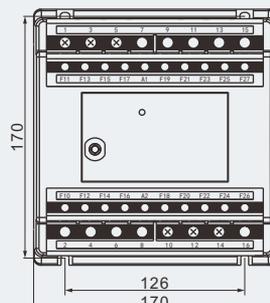
BL8060-□/2/□/□/□/□
BL8060-□/3/□/□/□/□



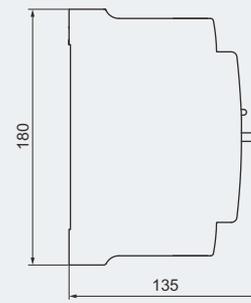
BL8060-□/3/□/□/□/□
BL8060-□/4/□/□/□/□
BL8060-□/4/□/□/□/□/□



BL8060-□/2/□/□/□/□/□



BL8060-□/3/□/□/□/□/□
BL8060-□/4/□/□/□/□/□



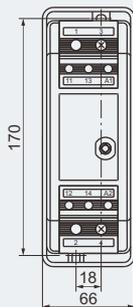
Components for Distribution Boxes BL8060 Series Explosion-proof Circuit Breaker Modules

Technical data

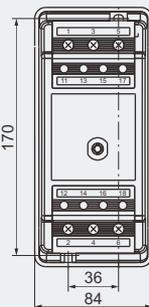
Explosion-proof circuit breaker modules BL8060- / / / / /LT(≤63A)(-40 ~+70)

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

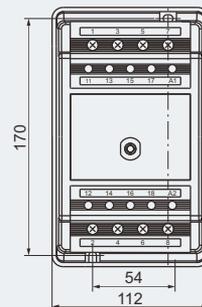
Dimension drawings (all dimensions in mm) - subject to alteration



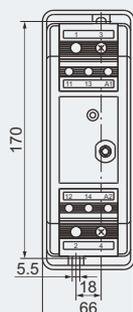
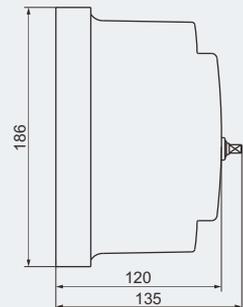
BL8060-□/1/□/□/LT
BL8060-□/2/□/□/LT
BL8060-□/1/□/□/F/LT



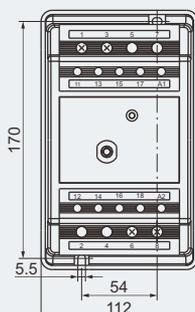
BL8060-□/3/□/□/LT
BL8060-□/2/□/□/F/LT



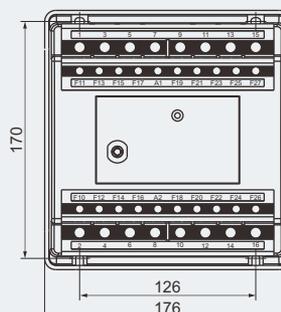
BL8060-□/4/□/□/LT
BL8060-□/3/□/□/F/LT
BL8060-□/4/□/□/F/LT



BL8060-□/2/□/□/□/LT



BL8060-□/2/□/□/□/LT
BL8060-□/2/□/□/□/F/LT



BL8060-□/3/□/□/□/LT
BL8060-□/4/□/□/□/LT
BL8060-□/3/□/□/□/F/LT
BL8060-□/4/□/□/□/F/LT

