

To: Whom may be concerned.

Rep No. A21004
February, 2022

**New Product launching Notification,
Miniature Circuit Breakers for South East Asian market**

First of all, thank you very much for your cooperation with FCS. We are pleased to announce you that new Miniature Circuit Breakers are going to be started selling for South East Asian market. Please remark below and start of an order activity with this MCB's in South East Asian market.

1. Launching Product

Miniature Circuit Breaker and others (RCBO, RCCB etc.) called BCL series

2. Target area

South East Asian markets

3. Start of an order and ship

Receiving an order: from February, 2022

4. Product specification

- Interrupting Capacity 6kA and 10kA are available
- Characteristic Curve, B, C and D.
- RCBO and RCCB are lined up in the BCL series.

5. Sales route and delivery

- Sales route : LELCO ⇔ FCS Oversea dep ⇔ Each sales offices
- Delivery route: LELCO → Each sales offices direct shipping route

6. Price list

- See attached price list

7. Promo goods

- Please use a sales flyer and presentation material as attachment.
(An associated catalog will be issued on end of March, 2022)

8. Attachments

- Sales flyer
- Presentation material
- Your price list

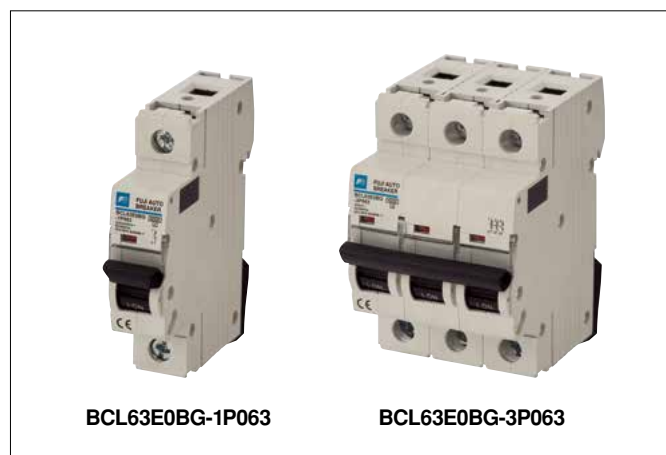
Miniture Circuit Breakers

BCL series - MCB's









For the protection purpose of distribution equipment in the residential or similar facility.

Features

- High qualified type in the line up
 - 6kA standard breaking capacity
 - 10kA high qualified breaking capacity capacity type in addition to MCB line up.
- ON/OFF visual indicator
 - Clarified a state of ON/OFF visually.
On: Red
Off: Green
- Instantaneous tripping characteristic
 - B type: between 3 to 5 times of I_n
for small load such as lighting fixtures, appliances etc.
 - C type: between 5 to 10 times of I_n
for general load such as Illumination, fluorescent, inductive etc
 - D type: between 10 to 20 times of I_n
for industry high inrush current load such as motors, machines etc



Specifications

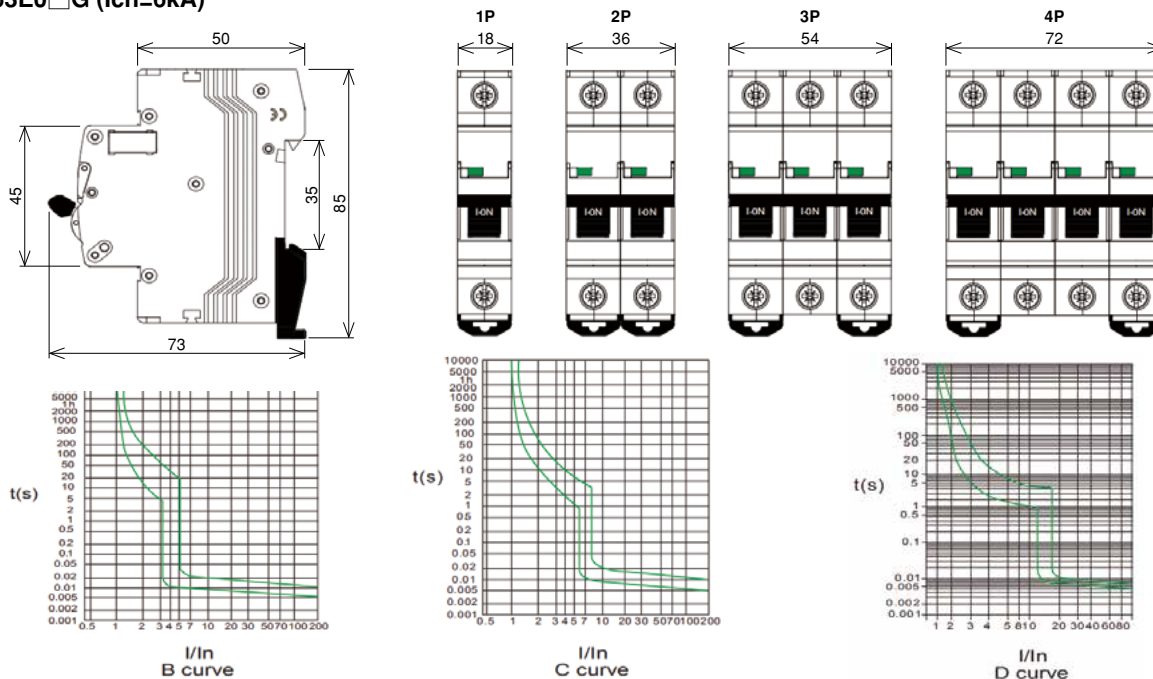
Type	BCL63E0 □ G				BCL63H0 □ G			
	-1P □ □ □	-2P □ □ □	-3P □ □ □	-4P □ □ □	-1P □ □ □	-2P □ □ □	-3P □ □ □	-4P □ □ □
Appearance								
Number of poles	1	2	3	4	1	2	3	4
Rated impulse withstand voltage (Uimp)	4.0 kV							
Rated insulation voltage (Ui)	500 V							
Rated Current (In)	2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 A							
Rated Voltage (Un)	1pole: 230/400V~ 2, 3 and 4 pole: 400V~							
Breaking Capacity (Icn)	6kA (=Ics)				10kA			
Rated Frequency	50/60 Hz							
Tripping Characteristic	B type : 3 to 5 In, C type : 5 to 10 In, D type : 10 to 20 In							
Electrical Endurance	8000 cycles							
Mechanical Endurance	20,000 cycles							
Calibration Temperature	30 °C							
Operation Temperature	-25 °C to 45 °C							
Protection Degree	IP20							
Cable Termination	Rigid Conductor 35mm ² Maximum Flexible Conductor 25mm ² Maximum							
Torque of Screw	2.5 N•m							
Standard	IEC/EN 60898-1							

Part number nomenclature

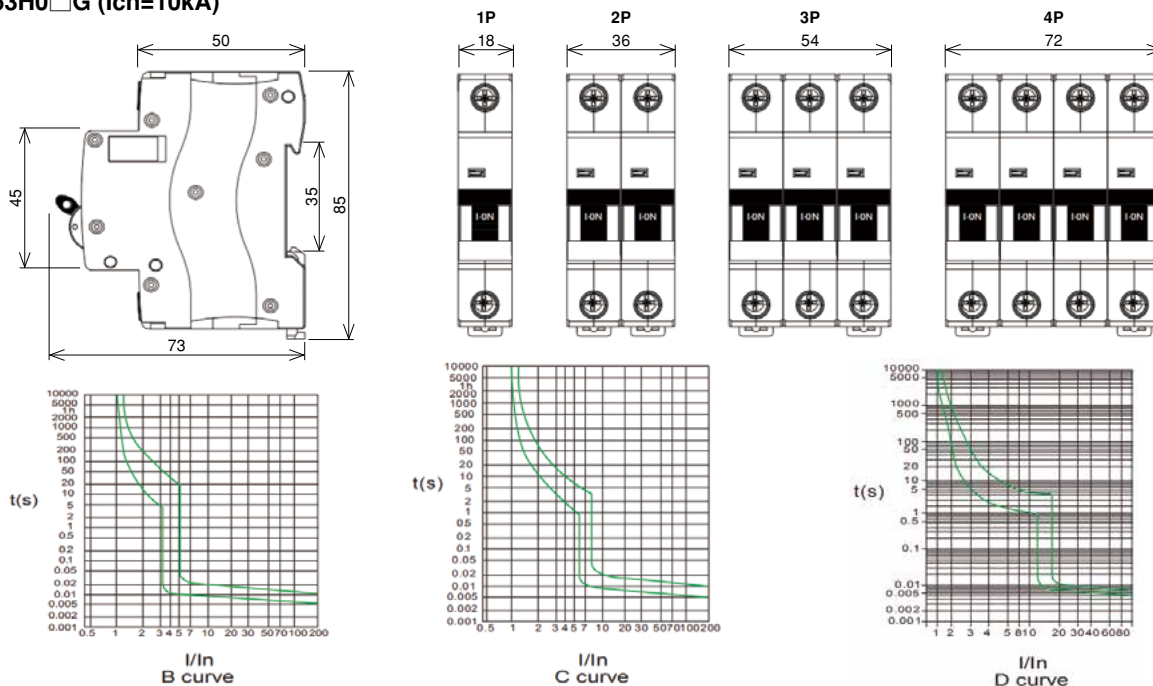
Basic type	BCL	63	E0	B	G	- 1P	001	Rated current	
Frame size		63 : 6AF						002 : 2 A	025 : 25 A
Icn type			E0 : 6 kA H0 : 10 kA					004 : 4 A	032 : 32 A
Type of tripping curves				B : B type C : C type D : D type				006 : 6 A	040 : 40 A
Product category					G : MCB			010 : 10 A	050 : 50 A
								016 : 16 A	063 : 63 A
								020 : 20 A	
								Poles	
								1P : 1 pole	
								2P : 2 poles	
								3P : 3 poles	
								4P : 4 poles	

Dimensions and tripping curves

BCL63E0□G (Icn=6kA)



BCL63H0□G (Icn=10kA)



Fuji Electric FA Components & Systems Co., Ltd.

5-7, Nihonbashi Odemma-cho, Chuo-ku, Tokyo, 103-0011, Japan

URL <https://www.fujielectric.com/fcs/>