

3Phase Busbar Type Current Transformer

Certificates 



Model No

KBF - 	① Size	② Circuit	③ Use
	02/12S/22/42/62	2 3P3W(2 Core)	N/A For Meter(MCT)
	03/13S/23/43/63	3 3P4W(3 Core)	

Feature

- Optimized design for circuit breaker (30~1200AF) size
- Suitable products for digital meter and EOCR. (KBF-02, 03, 22, 23)
- Minimizing installation space, and removing busbar bending
- Install CT with a distance, or add the partition wall to prevent deformation from busbar heat
 - Torque limit for bus bar fixing bolt : M4 - 5~7 kgf · cm, M5 - 7~10kgf · cm
 - Be aware of the energizing with busbar fixing bolt(M4/M5)
- Refer to page 35 for accuracy improvement

Specification

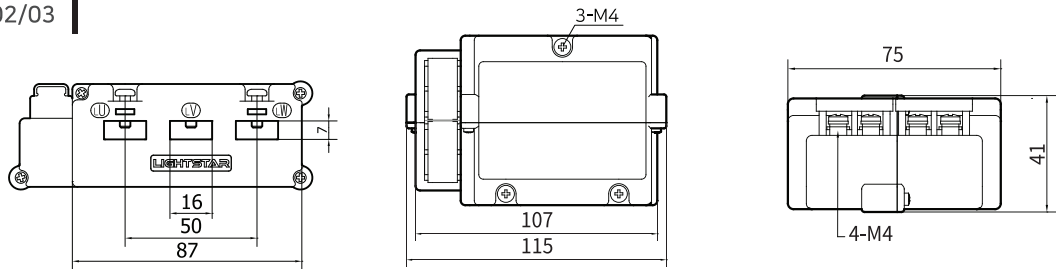
Secondary current	Over current strength	Maximum voltage	Withstand voltage	Frequency
5A or 1A	40 Times	1.2kV	4.0kV/1min	50Hz (60Hz order made)

Customized product can be produced by order

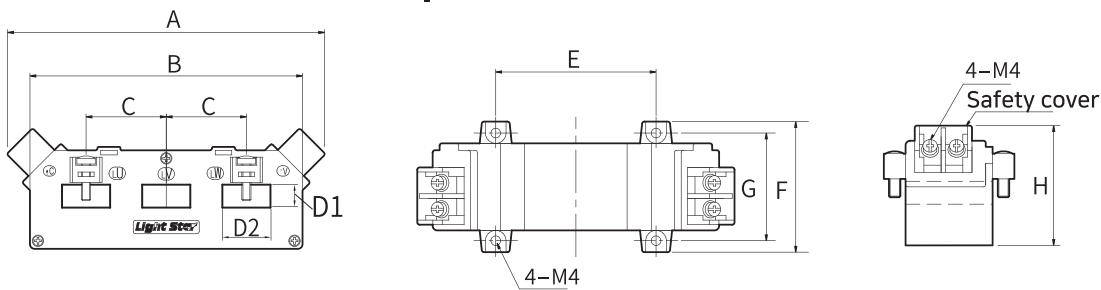
Selection table

Type	For Meter(MCT) (2 core)					
MCCB	50/100AF	125AF	125AF	225AF	400AF	600-1200AF
Model	KBF-02	KBF-12S	KBF-12	KBF-22	KBF-42	KBF-62
Pri(A)	* Burden / Class					
50	2.5VA / 3.0	2.5VA / 3.0	2.5VA / 3.0			
60						
75		5VA / 1.0		2.5VA / 3.0	2.5VA / 3.0	
100						
120						
150	5VA / 3.0	5VA / 3.0	5VA / 3.0			
200				5VA / 1.0	5VA / 1.0	5VA / 1.0
250						
300						
400						
500					15VA / 1.0	
600						
750						
800						
1000						
1200						

KBF-02/03



KBF-12/13,12S/13S,22/23/42/43,62/63



Type	CB	A	B	C	D1XD2	E	F	G	H	Weight
KBF-12/13	125AF	122	102	30	7 X 16	60	59	49	52	300g
KBF-12S/13S	125AF	122	102	30	7 X 16	60	69	59	52	400g
KBF-22/23	250AF	139	119	35	10 X 21	70	57	47	52	320g
KBF-42/43	400AF	168	149	44	20 X 30	88	57	47	70	460g
KBF-62/63	600~1200AF	237	218	70	25 X 46	140	57	47	85	750g

Torque limit for current transformer fixing bolt : M4 - 5~7 kgf · cm, M5 - 7~10kgf · cm

Type	For Meter(MCT) (3 core)						
MCCB	50/100AF	125AF	125AF	225AF	400AF	600-1200AF	
Model	KBF-03	KBF-13S	KBF-13	KBF-23	KBF-43	KBF-63	
Pri(A)	* Burden / Class						
50	2,5VA / 3,0	2,5VA / 3,0					
60				2,5VA / 3,0			
75		5VA / 1,0	2,5VA / 3,0		2,5VA / 3,0	2,5VA / 3,0	
100							
120							
150	5VA / 3,0		5VA / 3,0	5VA / 3,0			
200				5VA / 1,0	5VA / 1,0	5VA / 1,0	
250							
300							
400							
500							
600							
750							
800							
1000							
1200							