

## Circuit Breaker Switch Box

# FCBS SERIES

Type of Explosion-Proof  
Flameproof (Ex d IIB+H2 T6)



## Standard Materials

- Body : Cast aluminium alloy
- Cover : Cast aluminium alloy
- Handle : Brass
- Bolt & Washer : Stainless steel

## Standard Finish

- MUNSELL No. 7.5BG 6/1.5
- If you want another color, contact us please.

## Compliance & Certification

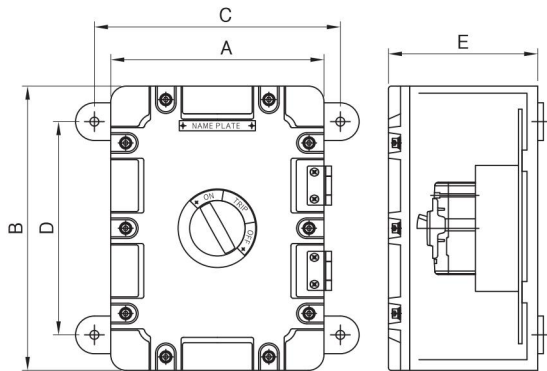
- IEC 60079-0,1
- Notification of Ministry of Labor No. 2010-36
- Certified by KGS  
(Korea Gas Safety Corporation), and the others.

## Application

- Hazardous locations due to the presence of flammable gases or vapors, combustible dust or ignitable fibers and flyings, and areas subject to corrosion, weather and dampness
- Petroleum refineries, chemical and petrochemical plants with indoor and outdoor processes
- Applications requiring overcurrent and short circuit protection of lighting, heating and motor circuits

## Features

- Main and branch breaker handleless can be installed in "ON" or "OFF" position
- Cover bolts are stainless steel



Enclosure	SS	MS	LS	EL
A	220	400	600	800/900
B	350	600	1000	1000/1100
C	150	250	250	380/350
D	260	450	690	880/980
E	270	490	820	880/1000

※ SS : Small Size, MS : Middle Size, LS : Large Size, EL : Extral Size

Technical Data

Breaker Frame(AF)		30 - 50 - 60	125	250	400	630	800	
Number of poles		2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	
Rated Voltage(V)	AC	690	690	690	690	690	690	
	DC	500	500	500	500	500	500	
		(3,5,10) 15 15	15	100	250	500	700	
		15 20 20	20	125	300	630	800	
		20 30 30	30	150	350			
		30 40 40	40	175	400			
		50 50	50	200				
		60	60	225				
		75	75	250				
Rated Interrupting Capacity (kA)		690	2.5 5 5	8	8	8	10	10
		480/500V	7.5 10 10	26	26	35	45	45
		415/460V	14(10) 18 18	37	37	50	65	65
		380V	18(14) 22 22	42	42	65	75	75
		220/250V	30(25) 35 35	85	85	75	85	85
Enclosure Type		SS	MS	MS	LS	ES	ES	
Conduit No.		SEBP-3060	SEBP-0125	SEBP-0250	SEBP-0400	SEBP-0630	SEBP-0800	
Max. Conduit Size								
Max. Conductor Size(mm <sup>2</sup> )		16	35	70	185	240	300-400	

※ LSIS Co., Ltd. Standard Criterion