

## S Series Moulded Case Circuit Breaker

Table 2



S-400L/3P



S-800/P



S-1600L

Type	Thermal magnetic release		Electronic release	
	Rated current In(A)	Note	Rated current In(A)	Note
S-125	12.5,16,20,25,32,40,50,63,80,100,125	T fixed M fixed	-	
S-160	16,20,25,32,40,50,63,80,100,125,160	T adjustable (0.7-1In) M fixed	-	
S-250	100,125,160,180,225,250	T adjustable (0.7-1In) M fixed	-	
S-400	225,250,315,350,400	T fixed or adjustable (0.7-1In) M fixed	320,400	I1=0.4...1xIn S PR211(L-L1) I1=0.4...1xIn S PR212(LSI-LSIG) Tripping between 1.05...1.3 x I1 (IEC60947-2) I <sup>2</sup> t=constant <b>(Long-time overload protection)</b> I2=1-2-3-4-6-8-10xIn t2=0.05s,0.1s,0.25s,0.5s adjustable <b>(Short-circuit short time delay protection)</b> I3=1.5-2-4-6-8-10-12xIn <b>(Instantaneous short-circuit protection)</b> I4=0.2-0.3-0.4-0.6-0.8-0.9-1xIn t4=0.1s,0.2s,0.4s,0.8s adjustable <b>(Earth fault protection)</b>
S-630	400,500,630	T fixed M fixed	630	
S-800	630,700,800	T fixed M fixed	800	
S-1250			800,1000,1250	
S-1600			1000,1250,1600	

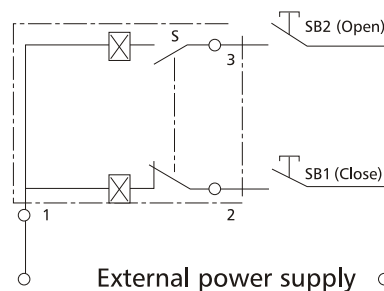
**Note:** T-thermal M-magnetic L-long time S-short time relay I-instantaneous G-earth fault  
 S-125/160 In=12.5, 16, 20, 32, 40 magnetic protection that is fixed at 500A

### Accessories

The external accessories of the breaker

#### Motor-driven operation device

1)Wiring diagram of type CDM electromagnetic operation device (fitting S-125,160,250) see the following drawing (wiring diagram of the external accessories of the breaker in the dotted frame)



Code description: SB1、SB2 stand for push button.(provided by users themselves)

Number"1"、"2"、"3" stand for number of wiring terminals.

Voltage rating: AC50Hz 230V、400V, DC 220V

2)Wiring diagram of type CD motor-driven operation device (fitting S-400,630,800) see belows (wiring diagram of the external accessories of the breaker in the dotted frame)



Plug-in base



Electromagnetic operation device