

# Molded Case Circuit Breaker

Optimum design provides easy-to-use customer installation, while offering versatility and high performance to match today's demand for a reliable and cost-effective product, which is easy to maintain.

## Qualified Standard & Approval

### Standard

- ▶ IEC 60947-2
- ▶ NEMA AB-1
- ▶ KS C8321

### Approval

- ▶ ISO 18001, 14001, 9001
- ▶ CE (Community European / TÜV Rheinland)
- ▶ TSE
- ▶ GOST-R
- ▶ CCC
- ▶ KR, LR, ABS, BV, NK, GL



HiBS103

HiBL203NE

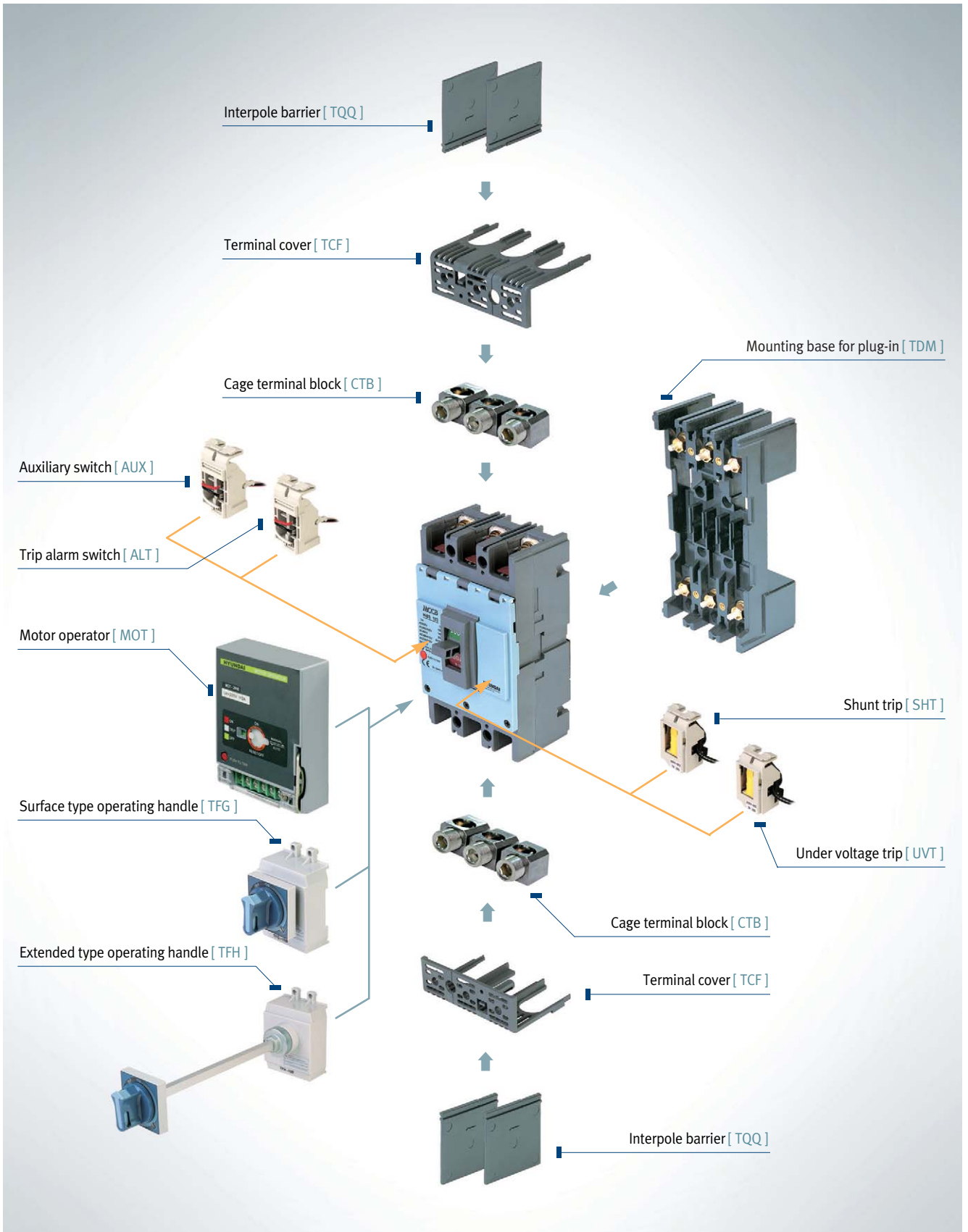
HiBS803NE

Frame	Model	Number of pole	Breaking capacity [Icu] (kA rms)			Frame	Model	Number of pole	Breaking capacity [Icu] (kA rms)		
			220/240V	380/415V	600V				220/240V	380/415V	600V
Molded Case Circuit Breaker						3. Electronic type					
1. Fixed thermal type						50	HiBL50NE	3, 4	125	85	35
30	HiBS30 <sup>1)</sup>	2, 3	10	7.5/5	2.5	100	HiBL100NE	3, 4	125	85	35
	HiBH30 <sup>1)</sup>	2, 3	25	14/10	5	225	HiBL225NE	3, 4	125	85	35
50	HiBE50 <sup>1)</sup>	2, 3, 4	10	7.5/5	2.5	400	HiBS400NE	3, 4	85	50	30
	HiBS50 <sup>1)</sup>	2, 3, 4	25	14/10	5		HiBL400NE	3, 4	125	85	35
60	HiBH50 <sup>1)</sup>	2, 3, 4	50	30/25	10	600	HiBX400NE	3, 4	150	130	65
	HiBE60 <sup>1)</sup>	2, 3, 4	10	7.5/5	2.5		HiBS600NE	3, 4	100	65	35
100	HiBS60 <sup>1)</sup>	2, 3, 4	25	14/10	5	800	HiBL600NE	3, 4	125	85	42
	HiBE100 <sup>1)</sup>	2, 3, 4	25	14/10	5		HiBX600NE	3, 4	150	130	65
225	HiBS100 <sup>1)</sup>	2, 3, 4	50	30/25	10	1000	HiBS800NE <sup>1)</sup>	3, 4	100	65	35
	HiBH100 <sup>1)</sup>	2, 3, 4	65	42/36	18		HiBL800NE <sup>1)</sup>	3, 4	125	85	42
400	HiBE225 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	35	25/18	7.5	1200	HiBX800NE <sup>1)</sup>	3, 4	150	130	65
	HiBS225 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	50	30/25	10		HiBS1000NE <sup>1)</sup>	3, 4	100	100	50
600	HiBH225 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	65	42/36	18	Switch disconnector	HiBL1000NE <sup>1)</sup>	3, 4	150	130	65
	HiBE400 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	35	30	18		50	HiSD53	3	Same dimension with HiBS53	
800	HiBS400 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	50	42	22	100	HiSD103	3	Same dimension with HiBS103		
	HiBH400 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	85	65	25	225	HiSD203	3	Same dimension with HiBS203		
1000	HiBL400 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	125	100	30	400	HiSD403	3	Same dimension with HiBS403		
	HiBE600 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	50	45	22	600	HiSD603	3	Same dimension with HiBS603		
1200	HiBS600 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	100	65	25	800	HiSD803	3	Same dimension with HiBS803		
	HiBH600 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	100	85	35	400	HiSD403NE	3	Same dimension with HiBS403NE		
1000	HiBL600 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	125	100	35	600	HiSD603NE	3	Same dimension with HiBS603NE		
	HiBE800 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	50	45	22	800	HiSD803NE	3	Same dimension with HiBS803NE		
1200	HiBS800 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	100	65	25	1000	HiSD1003NE	3	Same dimension with HiBS1003NE		
	HiBH800 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	100	85	35	1200	HiSD1203NE	3	Same dimension with HiBS1203NE		
1000	HiBL800 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	125	100	35	Mini safety breaker for distribution and lighting protection					
	HiBE1000 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	50	45	22	30	HiBC32S <sup>1)</sup>	2	1.5	2P1E	
1200	HiBS1000NE <sup>1)</sup>	3, 4	100	100	50		HiBC32SC <sup>1)</sup>	2	1.5	2P1E with plastic case	
1200	HiBH1000NE <sup>1)</sup>	3, 4	65	42/36	18	50	HiBC32 <sup>1)</sup>	2	1.5	2P2E	
	HiBE225 <sup>1)</sup>	2 <sup>2)</sup> , 3, 4	125	85	35		100	HiBC32H <sup>1)</sup>	2	2.5	2P2E
1200	HiBS225 <sup>1)</sup>	2, 3, 4	125	85	35	50	HiBD30F <sup>1)</sup>	2, 3	5		
	HiBH225 <sup>1)</sup>	2, 3, 4	150	130	65		100	HiBD50F <sup>1)</sup>	2, 3	5	
1200	HiBL225NT	2, 3, 4	125	85	35	Mini breaker for american area					
	HiBE250J <sup>1)</sup>	2, 3, 4	35	25/18	7.5	50	HiBD100F <sup>1)</sup>	2, 3	10		
1200	HiBS250J <sup>1)</sup>	2, 3, 4	50	30/25	10		50	HBD50D <sup>1)</sup>	1, 2, 3	5	Plug-in type
	HiBH250J <sup>1)</sup>	2, 3, 4	65	42/36	18	HBD50 <sup>1)</sup>		1, 2, 3	5	Lug type	
						50	HBD50H <sup>1)</sup>	1, 2, 3	10	Plug-in type	

\* 1) Ics = 50% Icu

2) 2pole has same dimension with 3pole, but the middle pole is removed.

Accessories



※ Above features are accessories for HiBS103. Different accessories shall be applied to different model.