

Miniature Series

- ▶ Miniature Circuit Breaker [MCB]
- ▶ Residual Current Circuit Breaker [RCCB]
- ▶ Residual Current Circuit Breaker with Overcurrent Protection [RCBO]
- ▶ Miniature Switch Disconnecter [MSD]

Hyundai Miniature Series are the perfect solution to protect electric overload, short circuit and earth leakage in the household and commercial installations.

With consistent and elegant appearances, the Hyundai Miniature Series provide various selection, easy installation, economic benefit and high reliability based on international standard IEC.

Qualified Standard & Approval

Standard

- ▶ IEC 60898
- ▶ IEC 60947-2
- ▶ IEC 61008
- ▶ IEC 61009
- ▶ IEC 60947-3

Approval

- ▶ ISO 18001, 14001, 9001
- ▶ CE
- ▶ BV
- ▶ GOST-R
- ▶ TSE



HiBD63-N

HiBD63h

Miniature Circuit Breaker

Model	Number of pole (P)	Characteristic I/n	Rated current (A)	Rated voltage (V)	Breaking capacity (A)	Accessory	Protection	Standard
HiBD63-E	1, 2, 3	5 – 10 In (C)	1, 2, 3, 4, 5, 6, 10, 13, 15, 16, 20, 25, 32, 40	AC240/415 ¹⁾	3,000	AUX, ALARM SHUNT, UVT	Overload, Short circuit	IEC 60898 EN 60898
HiBD63-S	1, 2, 3	5 – 10 In (C)	1, 2, 3, 4, 5, 6, 10, 13, 15, 16, 20, 25, 32, 40	AC240/415 ¹⁾	4,500	AUX, ALARM SHUNT, UVT	Overload, Short circuit	IEC 60898 EN 60898
HiBD63-N	1, 2, 3, 4 1+N, 3+N	3 – 5 In (B) 5 – 10 In (C) 10 – 20 In (D)	1, 2, 3, 4, 5, 6, 10, 13, 15, 16, 20, 25, 32, 40, 50, 63	AC240/415 ¹⁾	6,000	AUX, ALARM SHUNT, UVT	Overload, Short circuit	IEC 60898 EN 60898
HiBD63h	1, 2, 3, 4 1+N, 3+N	3 – 5 In (B) 5 – 10 In (C) 10 – 20 In (D)	1, 2, 3, 4, 5, 6, 10, 13, 15, 16, 20, 25, 32, 40, 50, 63	AC240/415 ¹⁾	10,000	AUX, ALARM SHUNT, UVT	Overload, Short circuit	IEC 60898 EN 60898
HiBD125	1, 2, 3, 4 1+N, 3+N	3 – 5 In (B) 5 – 10 In (C) 10 – 20 In (D)	63, 80, 100, 125	AC240/415 ¹⁾	10,000	AUX, ALARM SHUNT, UVT	Overload, Short circuit	IEC 60947-2 EN 60947-2

※ 1) In case of 1pole, MCB will be applicable to AC240V.

Residual Current Circuit Breaker

HiRC63	
Number of pole	2, 4
Residual current characteristics	A/AC
Rated current	25, 32, 40, 63A
Rated residual operating current I Δ n	10, 30, 100, 300, 500mA
Rated voltage	AC240/415V ¹⁾
Protection	Earth leakage
Standard	IEC 61008/EN 61008

※ 1) In case of 2pole, RCCB will be applicable to AC240V.



HiRC63

Residual Current Circuit Breaker with Overcurrent Protection

HiRO40	
Number of pole	1+N
Residual current characteristics	AC
Characteristic I / In	3 – 5 In (B)
	5 – 10 In (C)
	10 – 20 In (D)
Rated current	1, 3, 5, 6, 10, 16, 20, 25, 32, 40A
Rated residual operating current I Δ n	10, 30, 100, 300, 500mA
Rated voltage	AC240V
Protection	Earth leakage, Overcurrent
Standard	IEC 61009/EN 61009



HiRO40

Miniature Switch Disconnecter

HiSD125	
Number of pole	1, 2, 3, 4
Rated current	16, 32, 63, 100, 125A
Rated voltage	AC240/415V
Electro-mechanical endurance	10,000times
Function	Isolation
Standard	IEC 60947-3/EN 60947-3



HiSD125