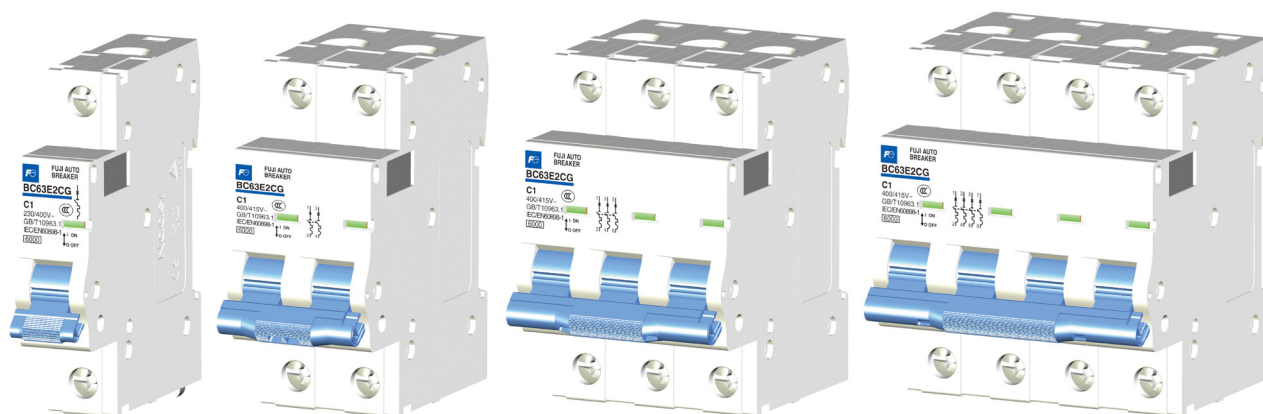


塑料外壳式断路器, 剩余电流动作断路器

BC-E, H 系列



塑料外壳式断路器

适用范围与用途

- 短路保护
- 过载保护
- 隔离
- 直流系统保护

BC-E及-H系列断路器适用于工业、民用建筑、能源、通信及基础建设等领域低压终端配电。

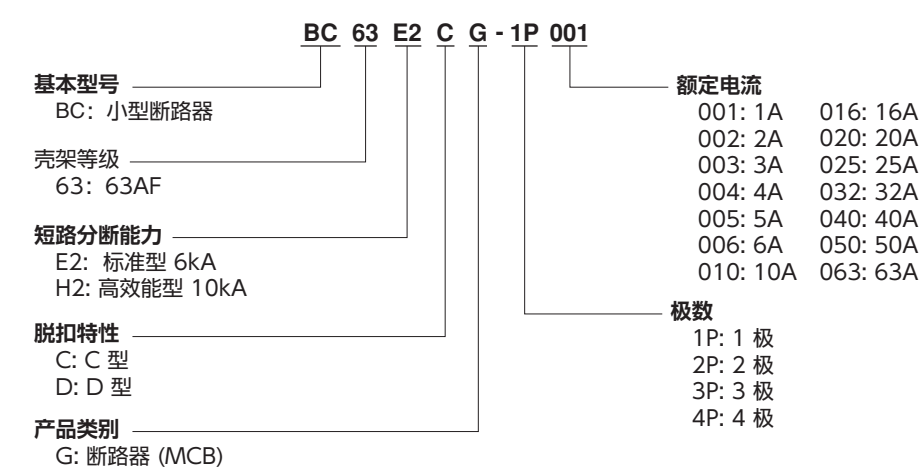
C 型曲线：保护常规负载和配电线缆

D 型曲线：保护起动电流大的冲击性负载（如电动机、变压器等）

主要技术参数 (63AF)

	BC63E2□G				BC63H0□G			
型号	-1P□□□	-2P□□□	-3P□□□	-4P□□□	-1P□□□	-2P□□□	-3P□□□	-4P□□□
极数	1	2	3	4	1	2	3	4
额定冲击耐受电压 (Uimp)	4.0 kV				6.0 kV			
额定绝缘电压 (Ui)	500 V				1000V			
额定工作电流 (In)	1A,2A,3A,4A,5A,6A,10A,16A,20A,25A,32A,40A,50A,63A							
额定工作电压 (Un)	AC230/240 (1P) ; AC400/415V(2P,3P,4P); DC60/80V(1P,2P)				AC230/240 (1P) ; AC400/415V(2P,3P,4P); DC60/80V(1P) ; DC80/125V (2P)			
额定短路分断能力(Icn)	6kA				10kA			
额定频率	50/60 Hz							
瞬时脱扣特性	C 型曲线: 瞬时脱扣范围: 5 ~ 10 In, D 型曲线: 瞬时脱扣范围: 10 ~ 14 In				C 型曲线: 瞬时脱扣范围: 6 ~ 10 In, D 型曲线: 瞬时脱扣范围: 10 ~ 14 In			
电气寿命	10,000 次							
机械寿命	20,000 次							
抗湿热性	周围空气温度为55℃时, 相对空气湿度≤95%							
环境温度	-25℃ to 45℃				-40℃ to 70℃			
防护等级	IP20							
接线螺钉及接线能力	M5, 1~25mm² 导线				M5, 1~35mm² 导线			
接线扭力矩	2.0Nm							
附件清单	辅助触头, 报警触头, 分励脱扣器							
产品标准	GB/T 10963.1, GB/T 10963.2, IEC60898-1, IEC60898-2				GB/T 14048.2, IEC60947-2,			

规格型号说明



■ 型号

• 短路分断能力: 6kA产品 (E2)

In	1 极		2 极		3 极		4 极	
	C	D	C	D	C	D	C	D
1	BC63E2CG-1P001	BC63E2DG-1P001	BC63E2CG-2P001	BC63E2DG-2P001	BC63E2CG-3P001	BC63E2DG-3P001	BC63E2CG-4P001	BC63E2DG-4P001
2	BC63E2CG-1P002	BC63E2DG-1P002	BC63E2CG-2P002	BC63E2DG-2P002	BC63E2CG-3P002	BC63E2DG-3P002	BC63E2CG-4P002	BC63E2DG-4P002
3	BC63E2CG-1P003	BC63E2DG-1P003	BC63E2CG-2P003	BC63E2DG-2P003	BC63E2CG-3P003	BC63E2DG-3P003	BC63E2CG-4P003	BC63E2DG-4P003
4	BC63E2CG-1P004	BC63E2DG-1P004	BC63E2CG-2P004	BC63E2DG-2P004	BC63E2CG-3P004	BC63E2DG-3P004	BC63E2CG-4P004	BC63E2DG-4P004
5	BC63E2CG-1P005	BC63E2DG-1P005	BC63E2CG-2P005	BC63E2DG-2P005	BC63E2CG-3P005	BC63E2DG-3P005	BC63E2CG-4P005	BC63E2DG-4P005
6	BC63E2CG-1P006	BC63E2DG-1P006	BC63E2CG-2P006	BC63E2DG-2P006	BC63E2CG-3P006	BC63E2DG-3P006	BC63E2CG-4P006	BC63E2DG-4P006
10	BC63E2CG-1P010	BC63E2DG-1P010	BC63E2CG-2P010	BC63E2DG-2P010	BC63E2CG-3P010	BC63E2DG-3P010	BC63E2CG-4P010	BC63E2DG-4P010
16	BC63E2CG-1P016	BC63E2DG-1P016	BC63E2CG-2P016	BC63E2DG-2P016	BC63E2CG-3P016	BC63E2DG-3P016	BC63E2CG-4P016	BC63E2DG-4P016
20	BC63E2CG-1P020	BC63E2DG-1P020	BC63E2CG-2P020	BC63E2DG-2P020	BC63E2CG-3P020	BC63E2DG-3P020	BC63E2CG-4P020	BC63E2DG-4P020
25	BC63E2CG-1P025	BC63E2DG-1P025	BC63E2CG-2P025	BC63E2DG-2P025	BC63E2CG-3P025	BC63E2DG-3P025	BC63E2CG-4P025	BC63E2DG-4P025
32	BC63E2CG-1P032	BC63E2DG-1P032	BC63E2CG-2P032	BC63E2DG-2P032	BC63E2CG-3P032	BC63E2DG-3P032	BC63E2CG-4P032	BC63E2DG-4P032
40	BC63E2CG-1P040	BC63E2DG-1P040	BC63E2CG-2P040	BC63E2DG-2P040	BC63E2CG-3P040	BC63E2DG-3P040	BC63E2CG-4P040	BC63E2DG-4P040
50	BC63E2CG-1P050	BC63E2DG-1P050	BC63E2CG-2P050	BC63E2DG-2P050	BC63E2CG-3P050	BC63E2DG-3P050	BC63E2CG-4P050	BC63E2DG-4P050
63	BC63E2CG-1P063	BC63E2DG-1P063	BC63E2CG-2P063	BC63E2DG-2P063	BC63E2CG-3P063	BC63E2DG-3P063	BC63E2CG-4P063	BC63E2DG-4P063

• 短路分断能力: 10 kA产品 (H2)

In	1 极		2 极		3 极		4 极	
	C	D	C	D	C	D	C	D
1	BC63H2CG-1P001	BC63H2DG-1P001	BC63H2CG-2P001	BC63H2DG-2P001	BC63H2CG-3P001	BC63H2DG-3P001	BC63H2CG-4P001	BC63H2DG-4P001
2	BC63H2CG-1P002	BC63H2DG-1P002	BC63H2CG-2P002	BC63H2DG-2P002	BC63H2CG-3P002	BC63H2DG-3P002	BC63H2CG-4P002	BC63H2DG-4P002
3	BC63H2CG-1P003	BC63H2DG-1P003	BC63H2CG-2P003	BC63H2DG-2P003	BC63H2CG-3P003	BC63H2DG-3P003	BC63H2CG-4P003	BC63H2DG-4P003
4	BC63H2CG-1P004	BC63H2DG-1P004	BC63H2CG-2P004	BC63H2DG-2P004	BC63H2CG-3P004	BC63H2DG-3P004	BC63H2CG-4P004	BC63H2DG-4P004
5	BC63H2CG-1P005	BC63H2DG-1P005	BC63H2CG-2P005	BC63H2DG-2P005	BC63H2CG-3P005	BC63H2DG-3P005	BC63H2CG-4P005	BC63H2DG-4P005
6	BC63H2CG-1P006	BC63H2DG-1P006	BC63H2CG-2P006	BC63H2DG-2P006	BC63H2CG-3P006	BC63H2DG-3P006	BC63H2CG-4P006	BC63H2DG-4P006
10	BC63H2CG-1P010	BC63H2DG-1P010	BC63H2CG-2P010	BC63H2DG-2P010	BC63H2CG-3P010	BC63H2DG-3P010	BC63H2CG-4P010	BC63H2DG-4P010
16	BC63H2CG-1P016	BC63H2DG-1P016	BC63H2CG-2P016	BC63H2DG-2P016	BC63H2CG-3P016	BC63H2DG-3P016	BC63H2CG-4P016	BC63H2DG-4P016
20	BC63H2CG-1P020	BC63H2DG-1P020	BC63H2CG-2P020	BC63H2DG-2P020	BC63H2CG-3P020	BC63H2DG-3P020	BC63H2CG-4P020	BC63H2DG-4P020
25	BC63H2CG-1P025	BC63H2DG-1P025	BC63H2CG-2P025	BC63H2DG-2P025	BC63H2CG-3P025	BC63H2DG-3P025	BC63H2CG-4P025	BC63H2DG-4P025
32	BC63H2CG-1P032	BC63H2DG-1P032	BC63H2CG-2P032	BC63H2DG-2P032	BC63H2CG-3P032	BC63H2DG-3P032	BC63H2CG-4P032	BC63H2DG-4P032
40	BC63H2CG-1P040	BC63H2DG-1P040	BC63H2CG-2P040	BC63H2DG-2P040	BC63H2CG-3P040	BC63H2DG-3P040	BC63H2CG-4P040	BC63H2DG-4P040
50	BC63H2CG-1P050	BC63H2DG-1P050	BC63H2CG-2P050	BC63H2DG-2P050	BC63H2CG-3P050	BC63H2DG-3P050	BC63H2CG-4P050	BC63H2DG-4P050
63	BC63H2CG-1P063	BC63H2DG-1P063	BC63H2CG-2P063	BC63H2DG-2P063	BC63H2CG-3P063	BC63H2DG-3P063	BC63H2CG-4P063	BC63H2DG-4P063

• 辅助触头

型号	对于产品	安装
BC9W1SA2	BC63E2	左侧安装
BC9W1SH2	BC63H2	左侧安装

• 报警触头

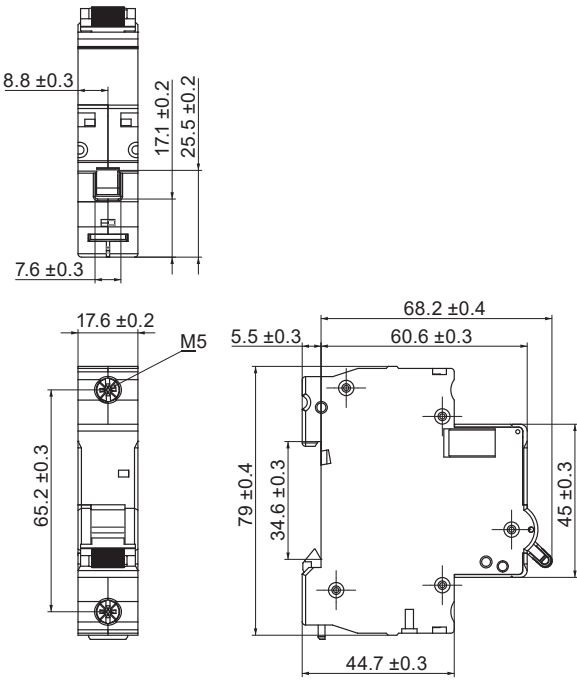
型号	对于产品	安装
BC9K1SA2	BC63E2	左侧安装
BC9K1SH2	BC63H2	左侧安装

• 分励脱扣器

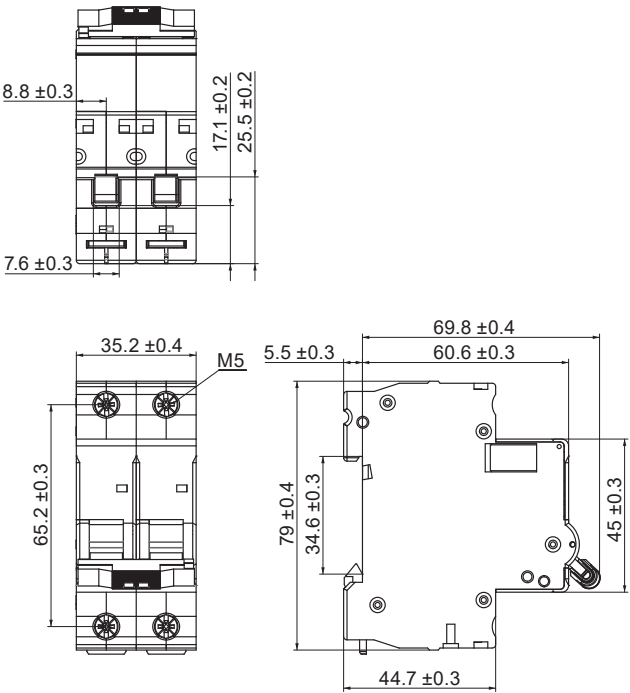
型号	电压规格	对于产品	安装
BC9FRA2	24V DC	BC63E2	左侧安装
BC9FSA2	48V DC	BC63E2	左侧安装
BC9FKA2	230VAC	BC63E2	左侧安装
BC9FPA2	400V DC	BC63E2	左侧安装
BC9FRH2	24V DC	BC63H2	左侧安装
BC9FSH2	48V DC	BC63H2	左侧安装
BC9FKH2	230VAC	BC63H2	左侧安装
BC9FPH2	400VAC	BC63H2	左侧安装

■ 产品外形及安装尺寸 (mm)

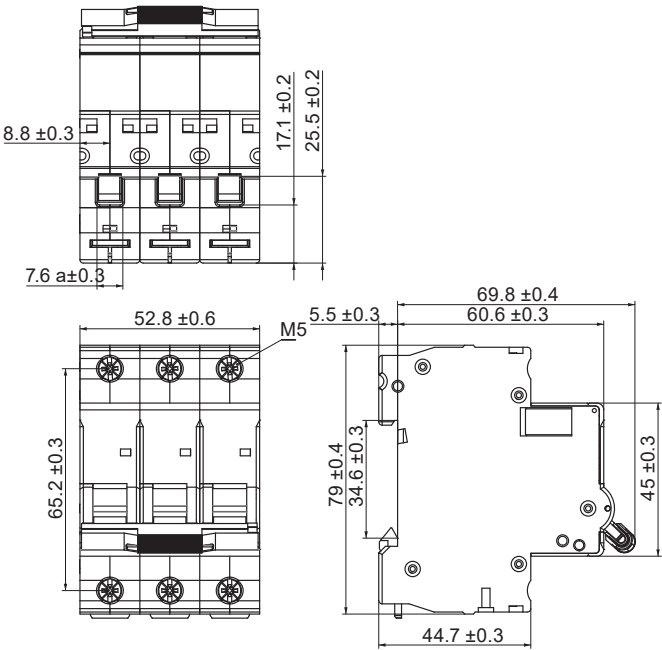
• BC63E2 □ G (Icn=6kA)



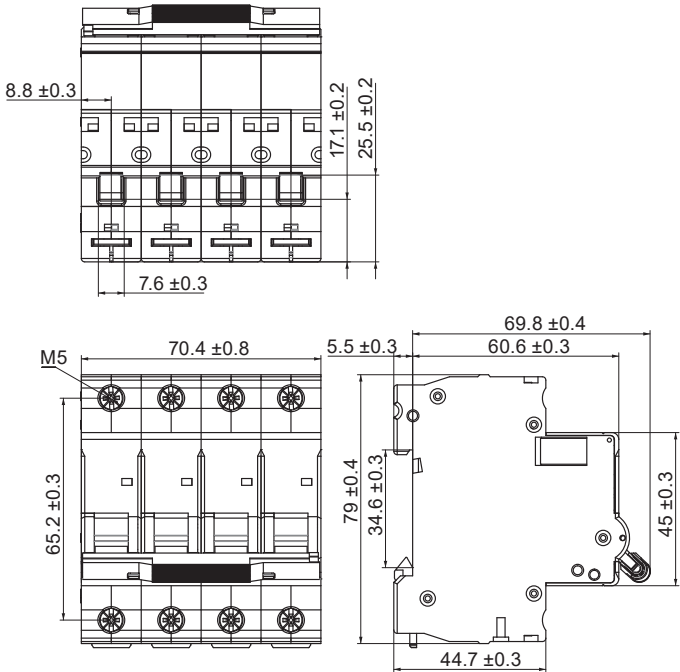
1P



2P



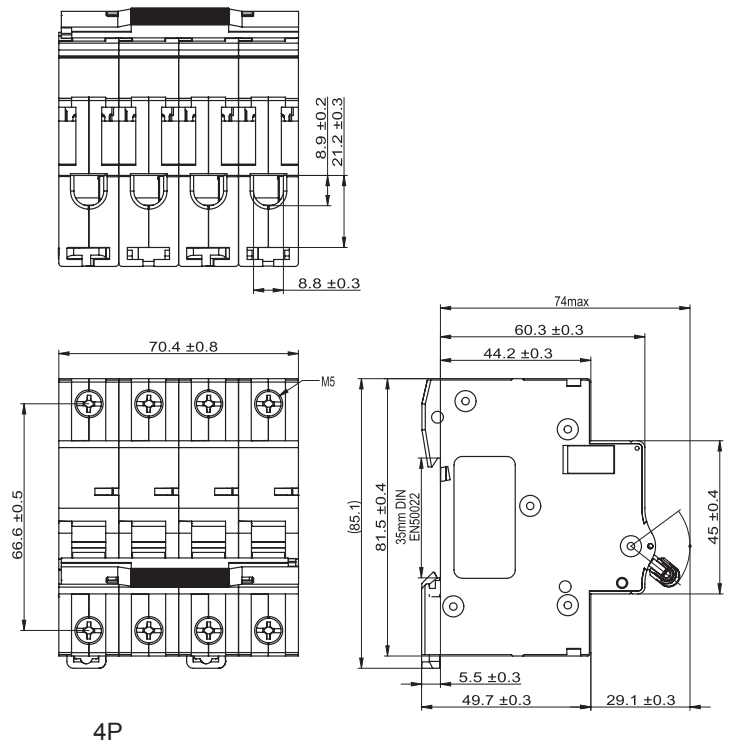
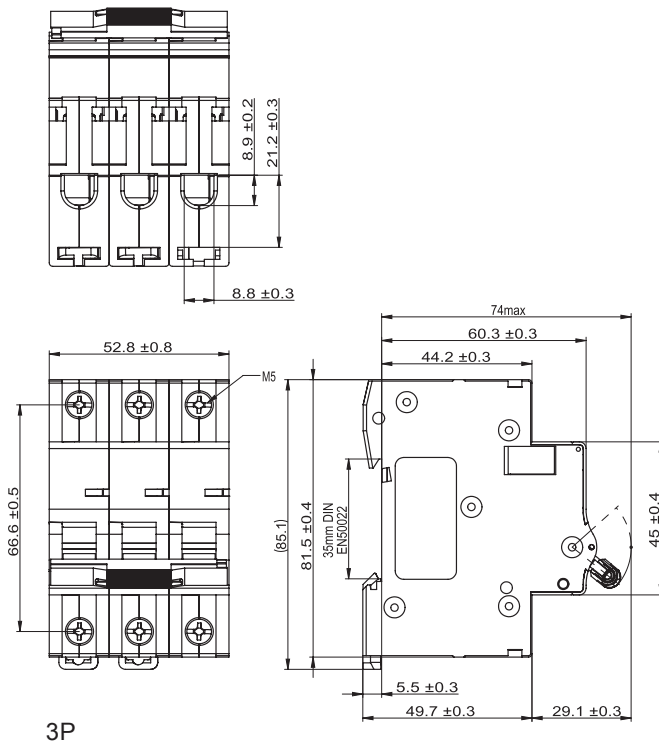
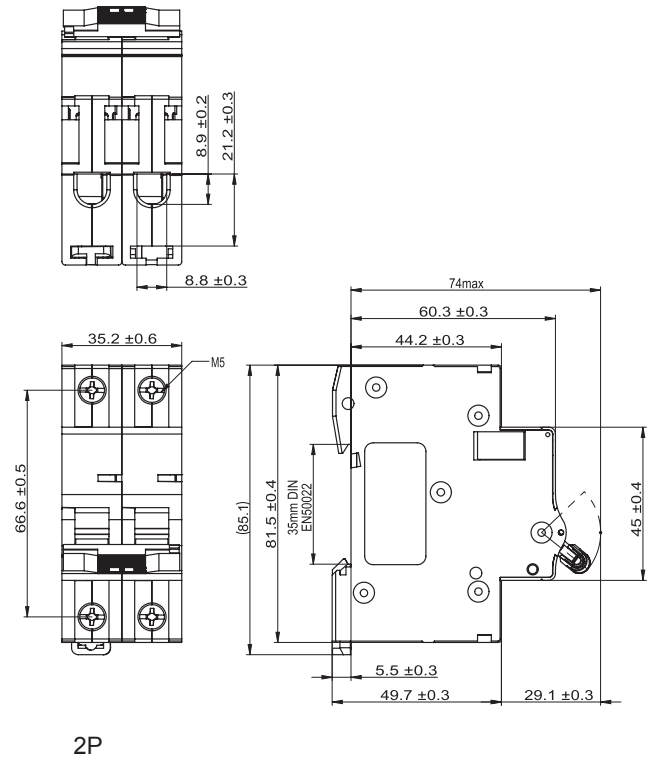
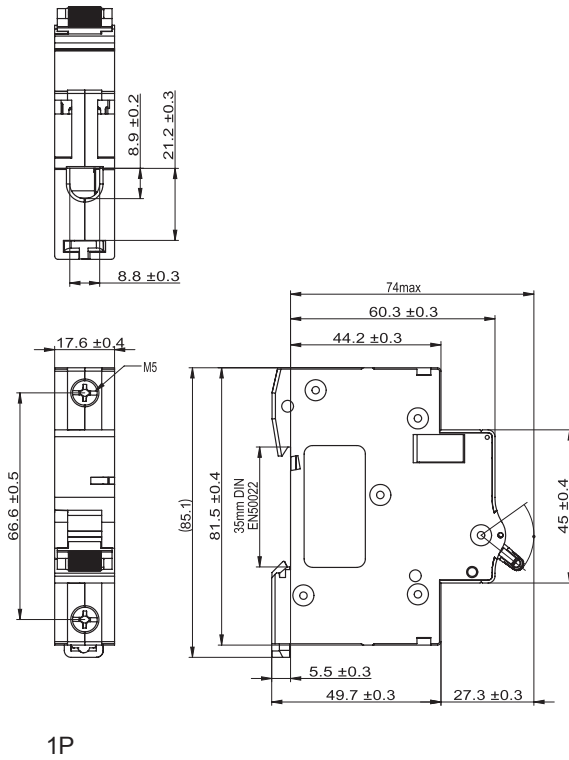
3P



4P

产品外形及安装尺寸 (mm)

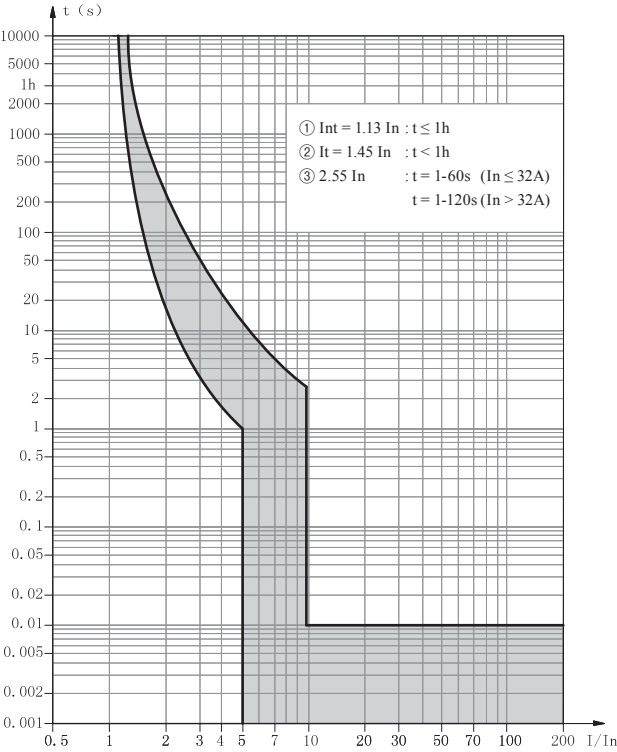
• BC63H2 □ G (I_{cn}=10kA)



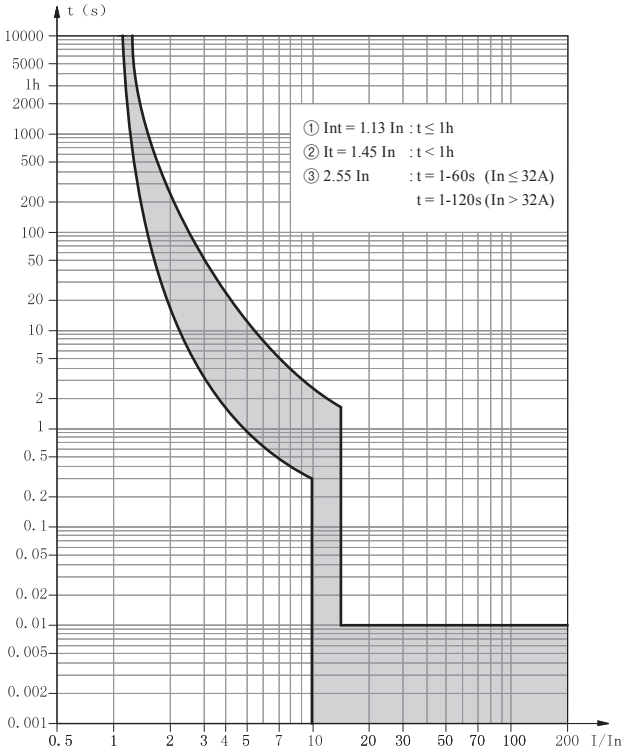
■ 脱扣特性

• BC63E2□G (Icn=6kA)

C 型 (5 ~ 10) In

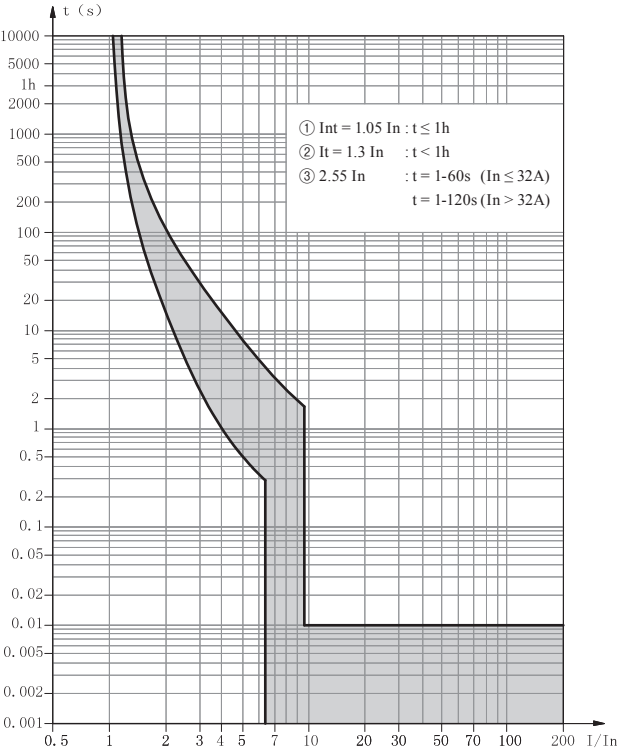


D 型 (10 ~ 14) In

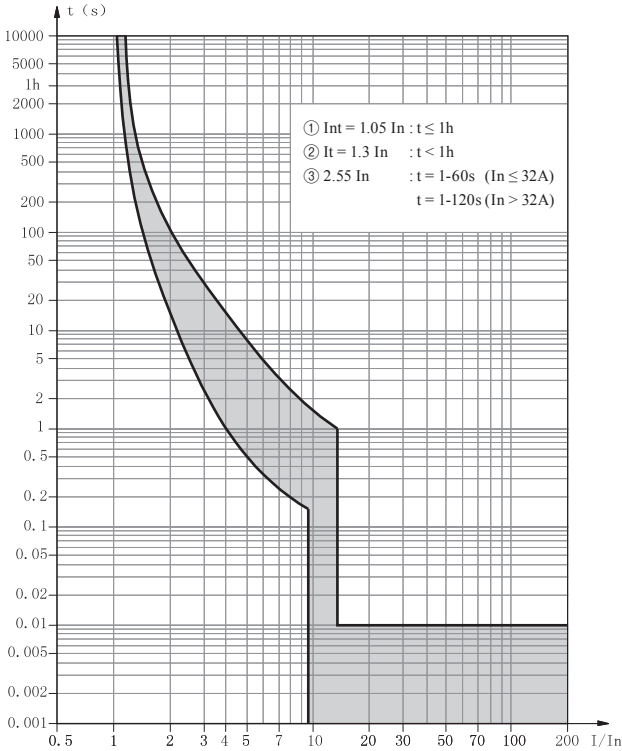


• BC63H2□G (Icn=10kA)

C 型 $8I_n (1 \pm 20\%)$



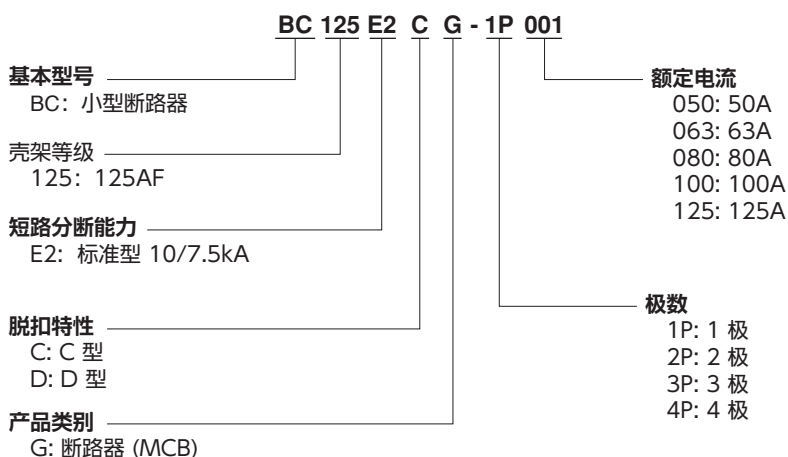
D 型 $12I_n (1 \pm 20\%)$



主要技术参数 (125AF)

BC125E2□G				
型号	-1P□□□	-2P□□□	-3P□□□	-4P□□□
极数	1	2	3	4
额定冲击耐受电压 (Uimp)	6.0 kV			
额定绝缘电压 (Ui)	500 V			
额定工作电流 (In)	50A, 63A, 80A, 100A, 125A (仅限C型)			
额定工作电压 (Un)	AC230/240 (1P) ; AC400/415V(2P,3P,4P); DC60/80V(1P,2P)			
额定短路分断能力(Icn)	10kA / 7.5kA			
额定频率	50/60 Hz			
瞬时脱扣特性	C 型曲线: 瞬时脱扣范围: 5 ~ 10 In, D 型曲线: 瞬时脱扣范围: 10 ~ 14 In			
电气寿命	5,000 次			
机械寿命	15,000 次			
抗湿热性	周围空气温度为55℃时, 相对空气湿度≤95%			
环境温度	-40℃ to 70℃			
防护等级	IP20			
接线螺钉及接线能力	M7, 适用于10 mm ² ~ 50mm ²			
接线扭矩	3.5Nm			
附件清单	-			
产品标准	GB/T 14048.2、IEC 60947-2			

规格型号说明



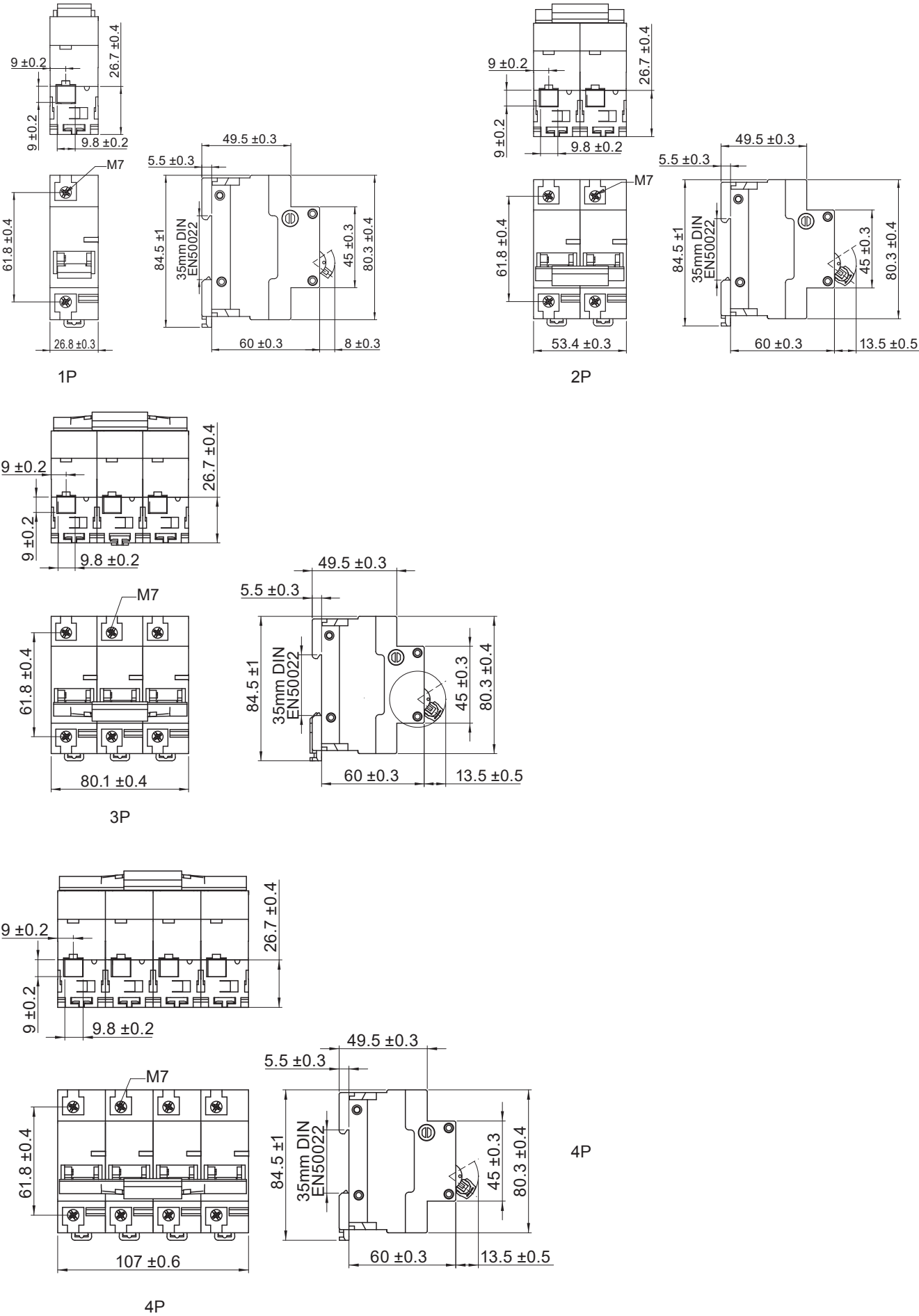
型号

• 短路分断能力: 10kA/7.5kA 产品

In	1 极		2 极		3 极		4 极	
	C	D	C	D	C	D	C	D
50	BC125E2CG-1P050	BC125E2DG-1P050	BC125E2CG-2P050	BC125E2DG-2P050	BC125E2CG-3P050	BC125E2DG-3P050	BC125E2CG-4P050	BC125E2DG-4P050
63	BC125E2CG-1P063	BC125E2DG-1P063	BC125E2CG-2P063	BC125E2DG-2P063	BC125E2CG-3P063	BC125E2DG-3P063	BC125E2CG-4P063	BC125E2DG-4P063
80	BC125E2CG-1P080	BC125E2DG-1P080	BC125E2CG-2P080	BC125E2DG-2P080	BC125E2CG-3P080	BC125E2DG-3P080	BC125E2CG-4P080	BC125E2DG-4P080
100	BC125E2CG-1P100	BC125E2DG-1P100	BC125E2CG-2P100	BC125E2DG-2P100	BC125E2CG-3P100	BC125E2DG-3P100	BC125E2CG-4P100	BC125E2DG-4P100
125	BC125E2CG-1P125	-	BC125E2CG-2P125	-	BC125E2CG-3P125	-	BC125E2CG-4P125	0

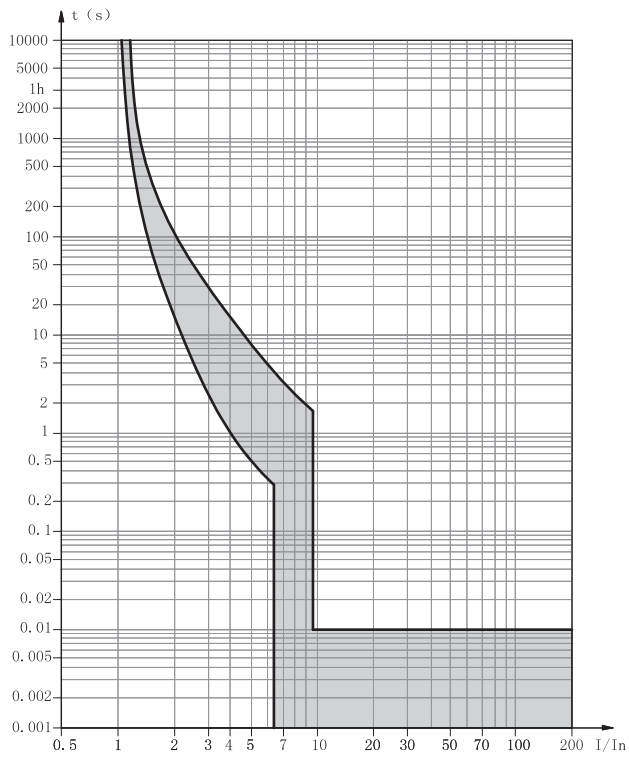
■ 产品外形及安装尺寸 (mm)

• BC125E2□G (Icn=10/7.5kA)



■ 脱扣特性

C 型 8In (1 ± 20%)



D 型 12In (1 ± 20%)

