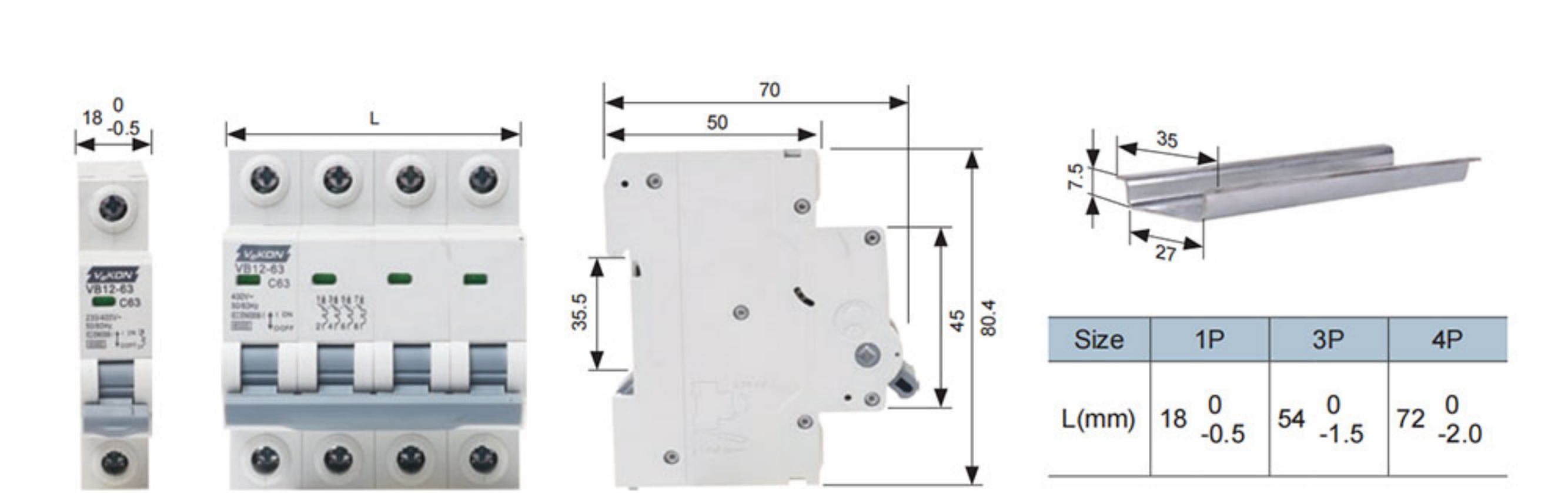




Size	1P	3P	4P
L(mm)	18 ⁰ _{-0.5}	54 ⁰ _{-1.5}	72 ⁰ _{-2.0}

VB12-63/VB12-63Z/VB12-63S MCB

Main parameters

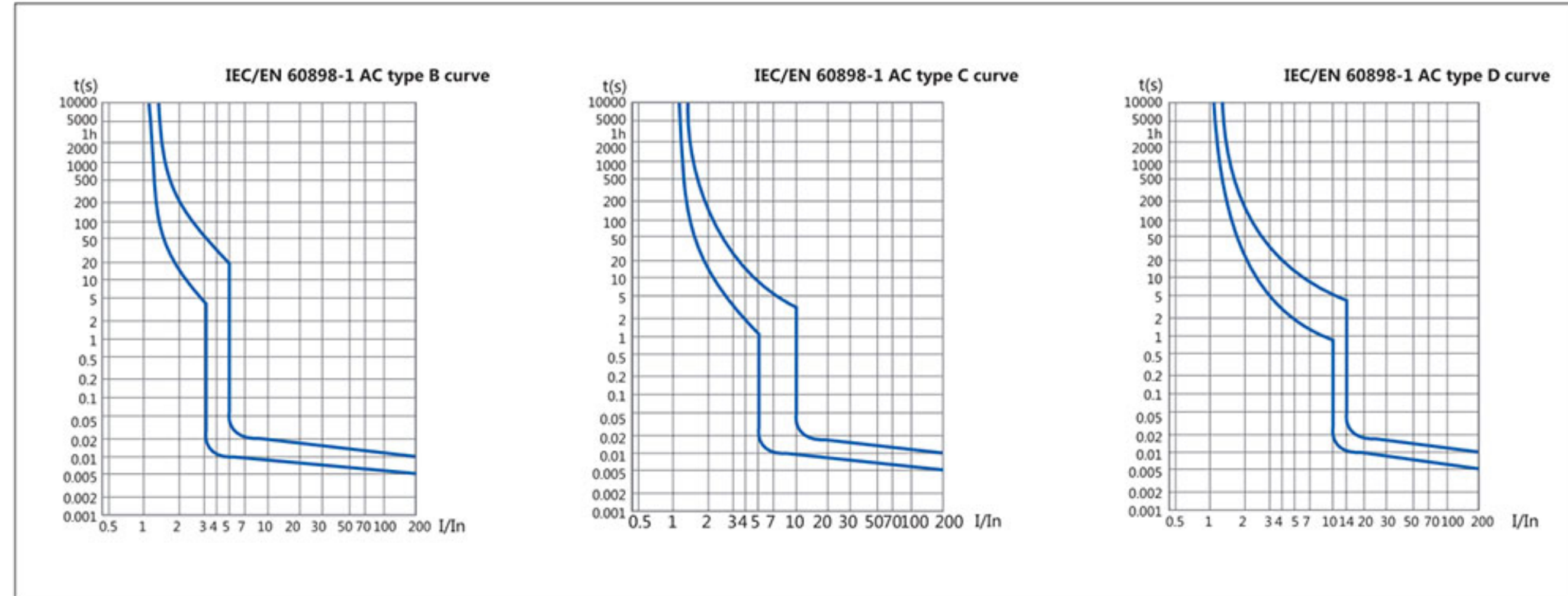
Form 1

Types	Values
Rated voltage Un	240V/415V AC(1P),415V AC(2P、 3P、 4P)
Rated current In	1A,2A,3A,4A,6A,10A,16A,20A,25A,32A,40A,50A,63A
Poles	1P、 2P、 3P、 4P
Instant tripping type	B,C,D
Rated short circuit breaking capacity(Icn)	6000A(VB12-63) 4500A(VB12-63Z) 3000A(VB12-63S)
Overcurrent protection properties	See Form 2, Diagram 1, 2 and 3
Mechanical and electrical life	See Form 3
Connection wire	See Form 4
Tightening torque	2.0N.m
Nominal temperature℃	30
Operated ambient temperature℃	-5~+55
Stored ambient temperature℃	-25~+70
Pollution level	2
Protection level	IP20
Mounting type	II

Overcurrent protection properties(Nominal temperature 30 ℃)

Form 2

Item	Type	Test current	Initial status	Tripping or non tripping time limit	Expected result	Remarks
a	BCD	1.13In	Cold	t≤1h	Non tripping	
b		1.45In	Test following the previous procedure; Process after test	t < 1h	Trip	Current increases to stipulated value within 5s
c		2.55In	Cold	1s < t < 60s (for In≤32A) 1s < t < 120s (for In > 32A)	Trip	
d	B C D	3In 5In 10In	Cold	t≤0.1s	Non tripping	Connection of current by opening auxiliary switch
e	B C D	5In 10In 20In	Cold	t≤0.1s	Trip	Connection of current by opening auxiliary switch



Mechanical and electrical life

Form 3

Type	Time
Electrical life	10000
Mechanical life	20000

Connection wire

Form 4

Rated current In(A)	Copper wire nominal cross-sectional area S (mm ²)
1~6	1.0
10	1.5
16,20	2.5
25	4
32	6
40,50	10
63	16