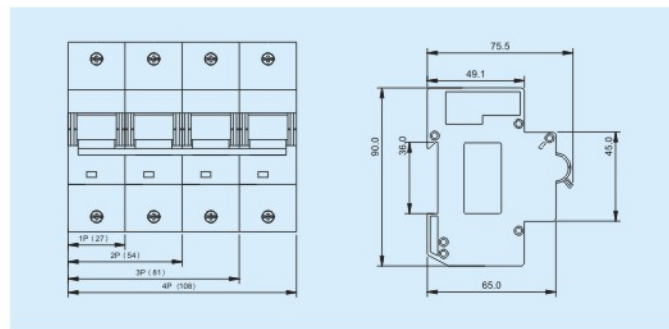
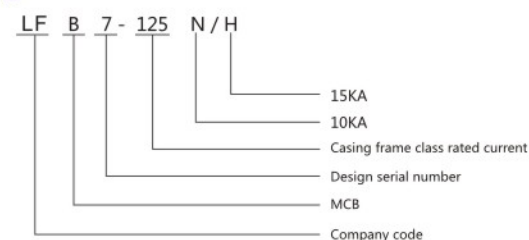




Overall abd installation dimensions



Type and specification



Technical parameter

Electric parameter

Innaccoedancewith standard:	IEC60947-2 IEC/EN60898
Rated voltage(Ue) :	230V/400V, 50/60HZ
Rated break capacityIcn:	N 10kA H 15kA
Rated current In:	6 -125A
pole:	1p, 2P, 3P, 4P
Lifespan:	No less than10000 times on-off action

Mechanical parameter

Shell length:	45mm
Shell height:	98mm
Shell width:	27mm per pole (single pole)
installationform:	In accordance IECstandard35mm
Terminal shape:	Lift connection terminal
Terminal wiring capacity:	2.5-50mm ²

Machinery parameter

- Compiy with the latest standard IEC60947-2:2006
- precise structure and contact state breaking instruction
- highest breakin capacity and current-limft characteristic
- bilateral two-terminal is suitable to bus-bars and single conductor
- which is professional accessories

Features of mechanism

Contact system of the product adopts double-contact operating structure, when the heavy current flows through the double-contact, it not only enlarges the current capacity, but also makes enough use of electric motive force compensation, meanwhile, the operating mechanism makes use of fulcrum lever to realize quick making and breaking, conquers the speed influence of manual operation, reduces electric abrasion of contacts during contacting, sharply improves product's service life and reliability; the double arc - extinguish function improves the breaking capacity of product; making and breaking state of contacts are displayed by obvious color codes, preventing misoperation and increases safety.

Cricuit breaker rated insulating voltage and rated short(table1)

(table1)

type	number	casing frame class ratsd curret(A)	rating voltage	casing frame curret(A)	rated short circuit bresking capacity
LFB7-125	1,2,3,4	125	230/400	63,80,100,125	25

Cricuit breaker release charactertistic(table2)

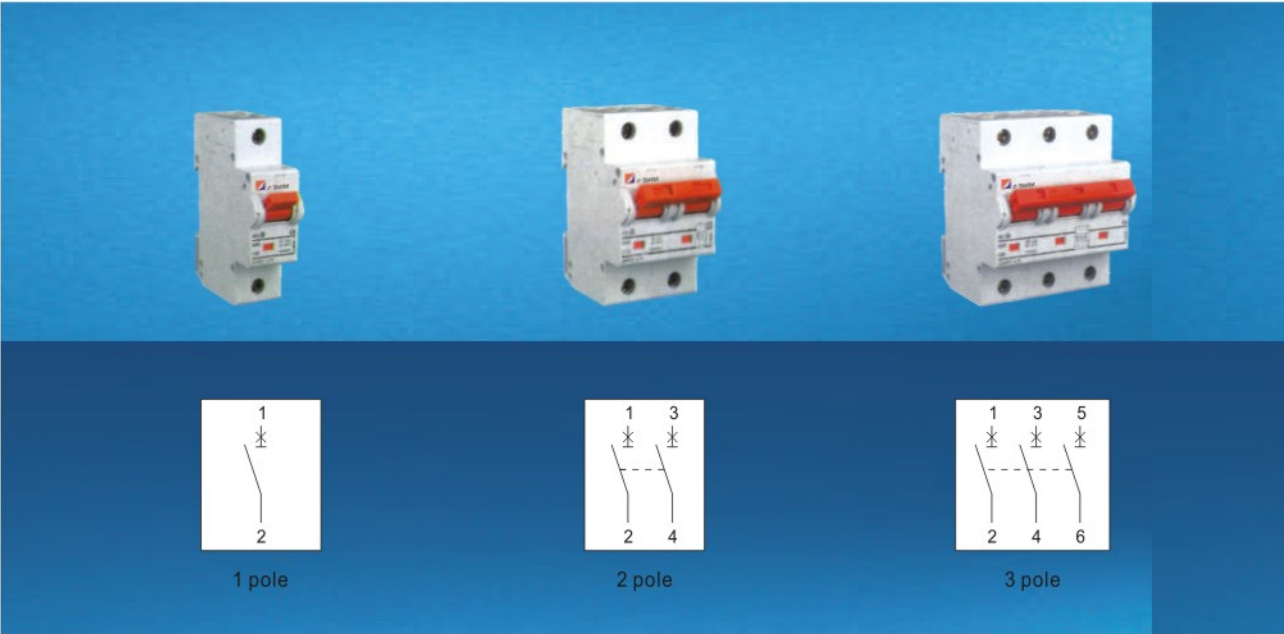
(table2)

serial number	release rated current (A)	initial state	test current		set time	expected result	memo
1	$I_n \leq 63$	cold position	$1.13I_n$		$T \leq 1h$	non-release	current steadily raise to ratings within 5S
	$I_n > 63$	cold position	$1.13I_n$		$T \leq 2h$	non-release	
2	$I_n \leq 63$	next to former test	$1.45I_n$		$T < 1h$	release	
	$I_n > 63$	next to former test	$1.45I_n$		$T < 2h$	release	
3	$I_n > 63$	cold position	5 I_n	10 I_n	$T > 0.2s$	non-release	5 I_n (C) 10 I_n (D)
			10 I_n	20 I_n	$T < 0.2s$	release	5 I_n (C) 20 I_n (D)

Power frequency withstand voltage:circuit breaker is supposed to meet AC 50Hz 2500V duration 1 M IN withstand voltage test, routine experiment is 1S , no flash and breakdown.

Before your order indicate:

1.product type , 2.number of poLe , 3.rated current , 4.capacity rated breaking , 5.order quantky



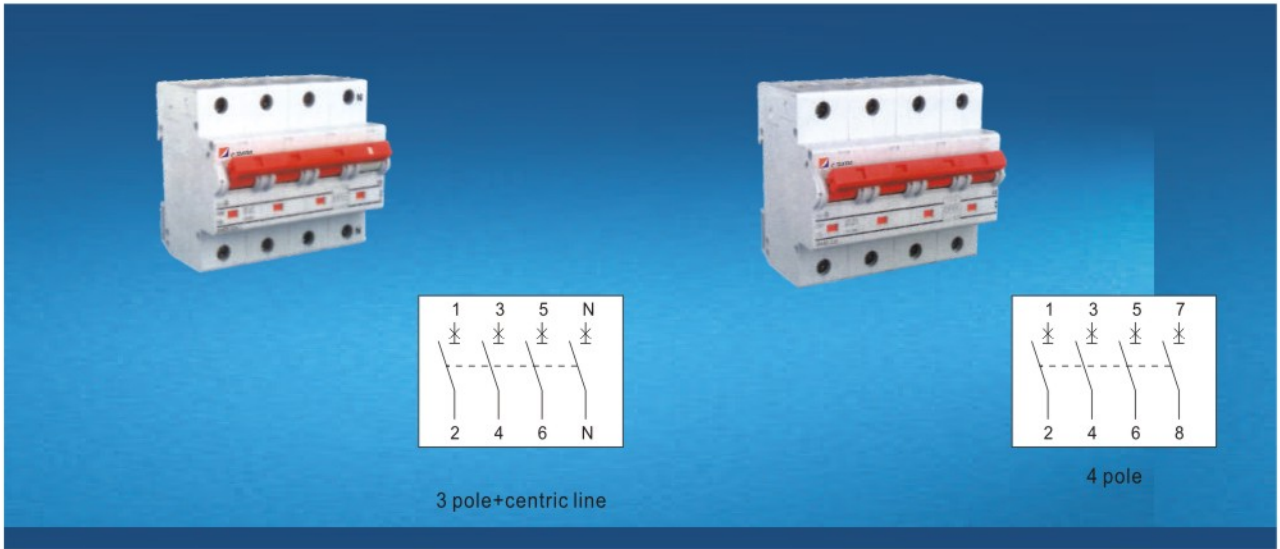
C characteristic curve

- Instantaneous characteristic 5-10 I_n
- Mainly used in the protection of commercial and civil construction domain

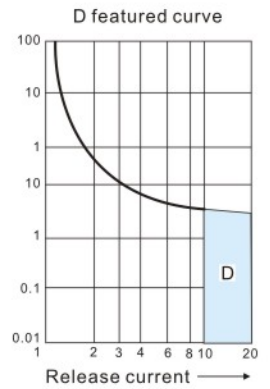
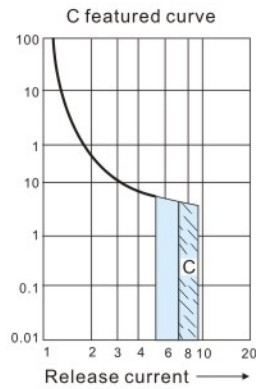
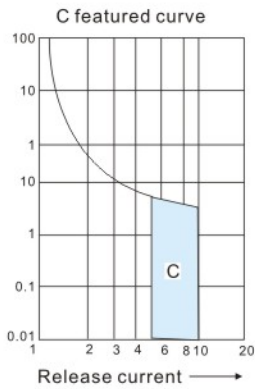
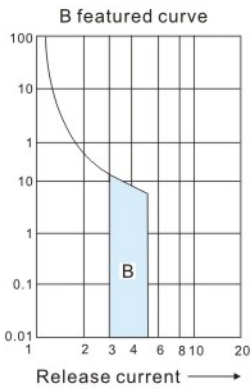
D characteristic curve

- Instantaneous characteristics 10-20 I_n
- Mainly used in industrial power domains

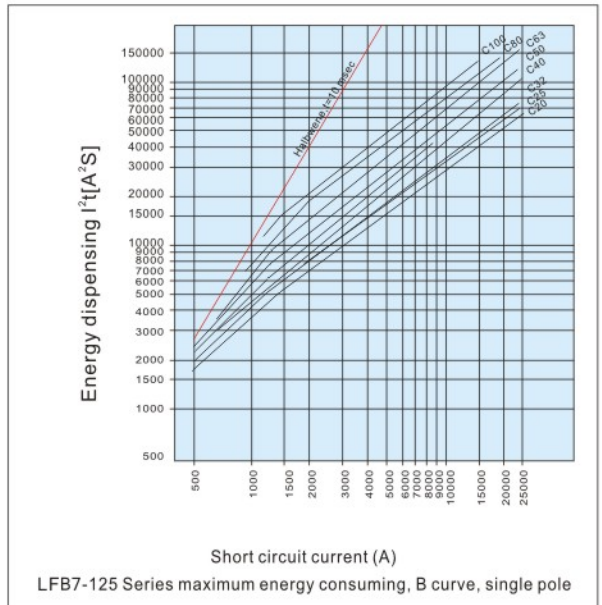
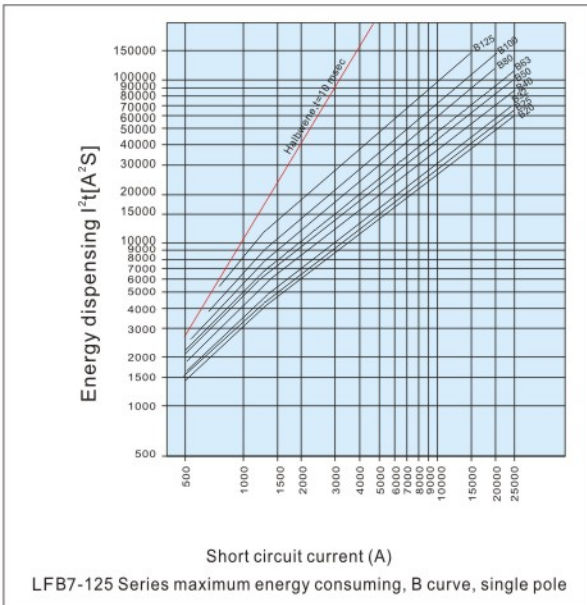
Used in the overload protection due to short circuit of industrial commercial and civil

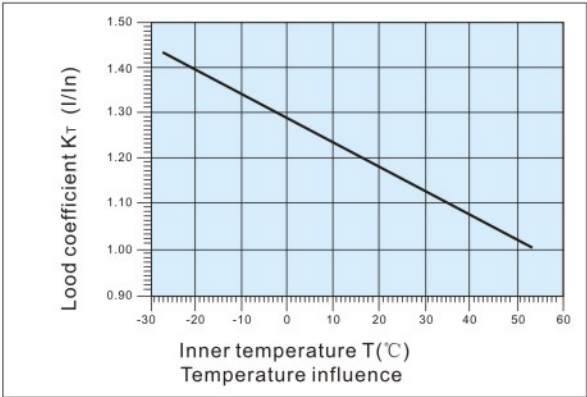
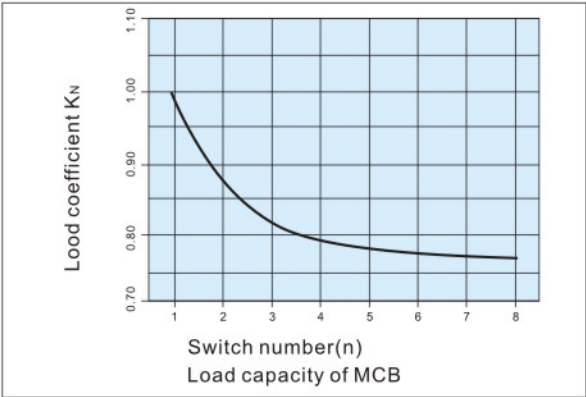


- Release characteristics according to IEC898(EN60898)
- B featured curve: used in lighting power distribution system
- C featured curve: used in lighting distribution, socket loop circuit or partial power distribution system
- D featured curve: used in power or other intensive conduct load loop circuit



Technical parameter





- LFB7-125 and fuse ratio D0 or short circuit features of NH
- 1.4 High selection to 1.4kA; ☐ No this function

MCB (LFB9-125)		Fuse gL rated current (A)					
Rated current		25	35	50	63	80	100
C featured curve	20	0.5	1.0	2.0	2.9	3.9	7.6
	25		1.0	1.9	2.8	3.8	7.3
	32		1.0	1.8	2.7	3.6	7.0
	40			1.6	2.2	3.0	5.6
	50				2.1	2.8	5.2
	63					2.7	4.8
	80						4.3
	100						
	125						
D featured curve	20	0.5	0.9	1.7	2.5	3.4	6.7
	25		0.9	1.6	2.3	3.2	6.2
	32		0.9	1.5	2.3	3.0	6.0
	40			1.4	2.0	2.6	4.7
	50				1.8	2.3	4.3
	63					2.1	3.7
	80						3.1
	100						

The selection of fuse NH-00

MCB (LFB9-125)		Fuse gL rated current (A)									
Rated current		25	35	40	50	63	80	100	125	160	200
C featured curve	20	0.5	1.0	1.3	1.9	2.7	3.7	6.7	17.0		
	25		0.9	1.3	1.8	2.6	3.5	6.5	17.0	25.0	
	32		0.9	1.2	1.7	2.4	3.3	6.0	15.0	23.0	
	40				1.4	2.1	2.9	4.8	12.0	18.0	
	50					1.9	2.7	4.5	11.0	17.0	
	63							4.2	10.0	15.0	
	80							3.8	8.5	12.0	
	100								7.0	10.0	
	125									7.5	
D featured curve	20	<0.5	0.8	1.1	1.5	2.3	3.1	5.6	16.0	25.0	
	25		0.7	1.0	1.4	2.1	3.0	5.3	14.0	23.0	
	32		0.7	1.0	1.3	2.1	2.9	5.0	13.0	22.0	
	40				1.1	1.8	2.5	4.2	10.0	15.0	25.0
	50					1.6	2.3	3.8	8.5	13.0	22.0
	63						2.1	3.2	7.0	10.5	18.0
	80							2.8	5.5	8.4	15.0
	100								4.8	7.5	12.5