

Table of Specification _ MCCB

Molded Case Circuit Breaker



Frame Size(AF)		30AF				
Type		Economic Type		Standard Type		
Type Number		DB32Cb	DB33Cb	DB32Sb	DB33Sb	DB34Sb
NO. of Poles		2	3	2	3	3
ZCT Internal Type					○	
Rated	Rated Current(In) A	[5, 10], 15, 20, 30	[5, 10], 15, 20, 30	5, 10, 15, 20, 30	5, 10, 15, 20, 30	5, 10, 15, 20, 30
	Rated Operational Voltage (Ue) AC[V]	460	460	600	600	600
	Rated Operational Voltage (Ue) DC[V]	125	125	250	250	-
	Rated Insulation Voltage, (Ui) V	460	460	690	690	690
Rated Short-Circuit Breaking Capacity(kA) KS C 8321(sym) IEC60947-2(lcu)	AC690/600V	-	-	5	5	5
	AC480/500V	-	-	7.5	7.5	7.5
	AC415/460V	5	5	10	10	10
	AC380V	2.5	2.5	14	14	14
	AC220/250V Note 1)	(5)10	(5)10	25	25	25
	DC500V(3P)	-	-	5	5	-
Endurance(times)	DC250V(2P)	-	-	10	10	-
	Mechanical	4,000	4,000	4,000	4,000	4,000
Dimension(mm)	Electrical	6,000	6,000	6,000	6,000	6,000
	A	50	75	50	75	100
	B	96	96	130	130	130
	C	60	60	60	60	60
Weight(kg)	D	82	82	80	80	80
	Standard	0.30	0.42	0.45	0.65	0.85
	Type of Trip Unit	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)
	Optional	-	-	-	-	-
Connection	Standard	○	○	○	○	○
	Optional	-	-	-	-	-
Mounting(standard)	Standard	Screw Din Rail			Screw	
	Optional	-	-	-	-	-
Accessories	Auxiliary Switch AX	-	-	○	○	○
	Alarm Switch AL	-	-	○	○	○
	Shunt Trip SHT	-	-	○	○	○
	Under Voltage Trip UVT	-	-	-	-	-
	Rotary Handle DH(Direct)	-	-	○	○	○
	Terminal Cover	○	○	○	○	○
	Insulation Barrier	-	-	Standard(ON/OFF)	Standard(ON/OFF)	Standard(ON/OFF)
Certification	KS.CE	KS.CE	KS.CE	KS.CE	KS.CE	

Note 1) [5,10]Rated current is for reference at 220V.



Frame Size(AF)		50AF					
Type		Economic Type			Standard Type		
Type Number		DB52Cb	DB53Cb	DB54Cb	DB52Sb	DB53Sb	DB54Sb
NO. of Poles		2	3	4	2	3	4
ZCT Internal Type		-		○	-		○
Rated	Rated Current(In) A	5, 10, 15, 20, 30, 40, 50	5, 10, 15, 20, 30, 40, 50	5, 10, 15, 20, 30, 40, 50	15, 20, 30, 40, 50	15, 20, 30, 40, 50	15, 20, 30, 40, 50
	Rated Operational Voltage (Ue) AC[V]	600	600	600	600	600	600
	Rated Operational Voltage (Ue) DC[V]	250	250	-	250	250	-
	Rated Insulation Voltage, (Ui) V	690	690	690	690	690	690
Rated Short-Circuit Breaking Capacity(kA) KS C 8321(sym) IEC60947-2(lcu)	AC690/600V	5	5	5	7.5	7.5	7.5
	AC480/500V	7.5	7.5	7.5	10	10	10
	AC415/460V	10	10	10	14	14	14
	AC380V	14	14	14	18	18	18
	AC220/250V Note 1)	25	25	25	25	25	25
	DC500V(3P)	5	5	-	7.5	7.5	-
Endurance(times)	DC250V(2P)	10	10	-	14	14	-
	Mechanical	4,000	4,000	4,000	4,000	4,000	4,000
Dimension(mm)	Electrical	6,000	6,000	6,000	6,000	6,000	6,000
	A	50	75	100	50	75	100
	B	130	130	130	130	130	130
	C	60	60	60	60	60	60
Weight(kg)	D	80	80	80	80	80	80
	Standard	0.45	0.65	0.85	0.45	0.65	0.85
	Type of Trip Unit	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)	Hydraulic Magnetic(ODP)
	Optional	○	○	○	○	○	○
Connection	Standard	○	○	○	○	○	○
	Optional	-	-	-	-	-	-
Mounting(standard)	Standard	Screw			Screw		
	Optional	-	-	-	-	-	-
Accessories	Auxiliary Switch AX	○	○	○	○	○	○
	Alarm Switch AL	○	○	○	○	○	○
	Shunt Trip SHT	○	○	○	○	○	○
	Under Voltage Trip UVT	-	-	-	-	-	-
	Rotary Handle DH(Direct)	○	○	○	○	○	○
	Terminal Cover	○	○	○	○	○	○
	Insulation Barrier	Standard(ON/OFF)	Standard(ON/OFF)	Standard(ON/OFF)	Standard(ON/OFF)	Standard(ON/OFF)	Standard(ON/OFF)
Certification	KS.CE	KS.CE	KS.CE	KS.CE	KS.CE	KS.CE	

Note 1) [5,10]Rated current is for reference at 220V.