

TWOMASTER

Fuse Switch Disconnecter



TWOMASTER FSD Series

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Application

FSD series fuse disconnecter switch can be operated with load, rated current 6A~630A, it has input and output top and bottom, with blade inlet and arc extinguishing device; on the switch cover has closed detection holes from time to time, with built-in signal switch, detection switch. Optional fuse monitor, can also be used as a knife switch. The switch is decent in outlook, it conforms to IEC60947-3 standard.

Product Code



22x58 : 006-63A ; 010-100A ; 012-125A
 NH 00: 016-160A
 NH 1 : 025-250A
 NH 2 : 040-400A
 NH 3 : 063-630A

2-2 Poles ; 3-3 Poles ; 4-4 Poles

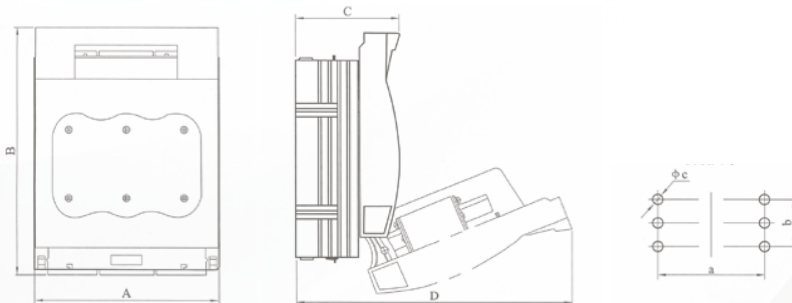
2-FSD

2-Front Opr.

2-AC

3-LBS

Outline and mounting size mm



Model	No. of Poles	Overall size (mm)				Mounting size(mm)		
		A	B	C	D	a	b	φ c
FSD-40	2P	56	116	76	150	25	-	φ 6
	3P	77	116	76	150	44	-	φ 6
FSD-100	2P	74	121	76	150	31	-	φ 6
	3P	105	121	76	150	62	-	φ 6
FSD-160	3P	106	200	83	205	66	25	φ 7
FSD-250	3P	185	247	110	295	114	50	φ11
FSD-400	3P	210	290	125	340	130	50	φ11
FSD-630	2P	175	300	145	360	90	50	φ11
	3P	256	300	145	360	162	50	φ11
FSD-800	4P	340	300	145	360	243	50	φ11

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Main Technical Data

				FSD-40	FSD-125	FSD-160		FSD-250		FSD-400	FSD-630	FSD-800		
Electrical data	with fuse	Rated working voltage	Ue	V	AC380	AC380	AC380	AC690	AC380	AC690	AC380	AC380	AC380	
		Rated working current	Ie	A	40	125	160	100	250	200	400	630	800	
		Conventional thermal current	Ith	A	40	125	160	100	250	200	400	630	800	
		Rated limited short-circuit current		KA	50	50	100	50	100	50	50	50	50	
		Rated insulation voltage	Ui	V	690	690	800		800		800	800	800	
		Rated impulse withstand voltage	Uimp	KV	4	4	8		8		12	12	12	
		Utilization Category			AC-21B	AC-21B	AC-23B		AC-23B		AC-23B	AC-23B	AC-23B	AC-23B
							AC-22B		AC-22B		AC-22B	AC-22B	AC-22B	AC-22B
			AC-21B				AC-21B		AC-21B	AC-21B	AC-21B	AC-21B	AC-21B	
			AC-20B				AC-20B		AC-20B	AC-20B	AC-20B	AC-20B	AC-20B	
Electrical lifes		cycles	300	300	200		200		200	200	200			
with isolating blades	Rated working voltage	Ue	V			AC380		AC380		AC380	AC380	AC380		
	Rated working current	Ie	A			160		250		400	630	630		
	Conventional thermal current	Ith	A			160		250		400	630	630		
	Rated short-time withstand current	Iow	KA/S			8		13		15	18	18		
	Rated insulation voltage	Ui	V			690		690		1000	1000	1000		
	Rated impulse withstand voltage	Uimp	KV			8		8		12	12	12		
	Utilization Category					AC-20A		AC-20A		AC-23B	AC-23B	AC-23B		
	Electrical lifes		cycles			200		200		200	200	200		
common data	Rated frequency		Hz	50/60	50/60	50/60		50/60		50/60	50/60	50/60		
	Number of poles			2	3	3		3		3	3	3		
Fuse	Size 22x58/NH/NT IEC60269-2			22x58-40	22x58-125	00		1		2	3	3		
	Working current	In	A	40	125	160	100	250	200	400	630	800		
	Power consumption	P	W		5.5	12	12	18	32	28	40			
Mechanism	Mechanical life		cycles	1700	1700	1400		1400		800	800	800		
Protection	Frontal	On		IP20	IP20	IP20		IP20		IP20	IP20	IP20		
		Off		IP30	IP30	IP30		IP30		IP30	IP30	IP30		
Others	On-off signal feedback(micro switch)					Optional		Optional		Optional	Optional	Optional		
Working conditions	Ambient temp.		°C	-5~+55										
	Working mode			Continuous duty										
	Operation			Handle										
	Mounting			Vertical										
	Altitude		M	≤2000										
	Pollution calss			3										
	Overtoltage			III										

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İvedik OSB Melih Gökçek Bulvarı Eminel İş Merkezi

No:18/101 Yenimahalle / ANKARA / TÜRKİYE

Tel : +90 312 394 6772 / +90 312 394 OSSA

Fax : +90 312 394 6771

Email : info@twomaster.com.tr

Web : www.twomaster.com.tr