Moulded Case Circuit Breaker
Disconnector Switch ADM7 Series



DESCRIPTION / APPLICATION

The moulded case circuit breaker will provide protection for the circuit and equipment in case of overload, short circuit, and undervoltage conditions occurring in the power distribution circuit. Besides, it can also provide protection against overload, short circuit, and undervoltage for the non-frequent start of motor.

For the disconnector switch series, they are mainly used for non-frequent circuit making or breaking circuits in the distribution network.

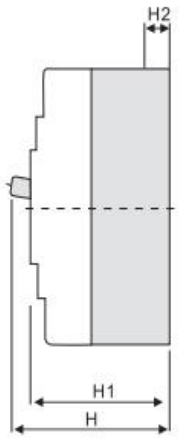
MAIN TECHNICAL DATA

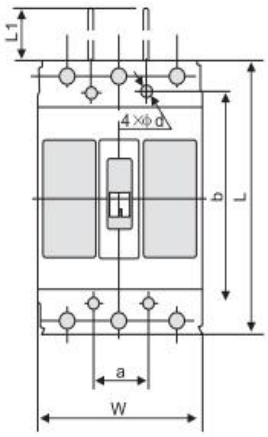
Main Parameter		100SI	250SI	400SI	630SI
Rated Operational Voltage	VAC	380/400/415V			
Poles	P	3P			
Rated Current	A	16, 20, 25, 32, 40, 50, 63, 80, 100	100, 125, 160, 180, 200, 225, 250	225, 250, 315, 350, 400	400, 450, 500, 630
Rated Frequency	Hz	50/60			
rated insulation voltage Ui	V	630V			
rated impulse withstand voltage Uimp	kV	8kV			

Degree of Protection	IP	IP40 for front cover			
Electrical Endurance Cycle	Times	3000	2500	1500	1500
Mechanical Endurance Cycle	Times	7000	6500	4000	4000
Pollution degree	/	3			
Utilization category	/	A			
Operating Temperature	℃	-5… +40			

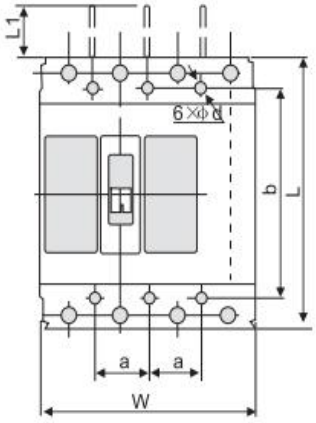
DIMENSIONS AND MOUNTING (MM)

Fix type – Front plane’ s wiring and installation dimensions

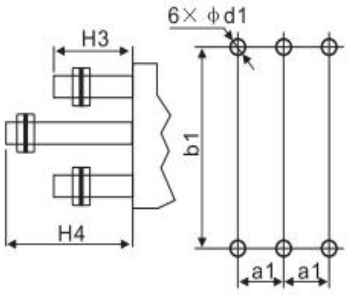




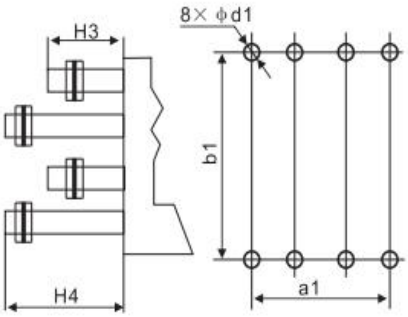
3P



4P



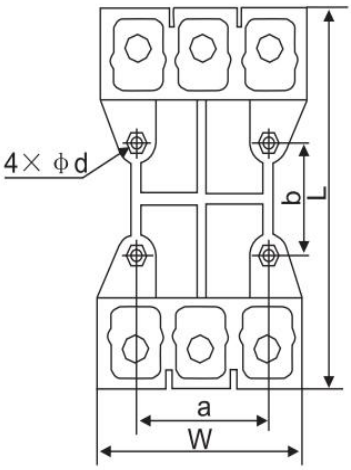
3–pole backplane wiring size

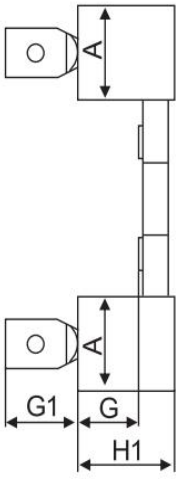


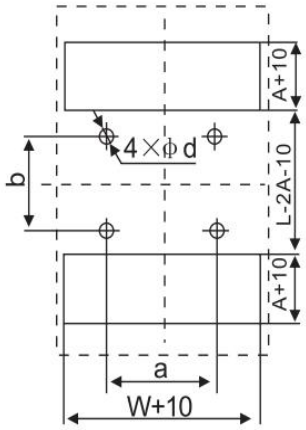
4–pole backplane wiring size

Model	Pole	Dimensions mm						Installation size			Backplane wiring size				
		L	L1	W	H	H1	H2	a	b	Φd	a1	b1	d1	H3	H4
ADM7-100SI	3	150	51	92	87	68	24	30	129	4.5	30	132	22	65	100
ADM7-250SI	3	164	64	107	124.5	86	38	35	126	5.5	35	144	24	70	110
ADM7-400SI	3	257	105	150	153	106	43	44	194	7	48	224	32	48.5	108.5
ADM7-630SI	3	270	105	182	157	111	42	58	200	7	58	234	40	70	120

Plug-in type - Backplane's wiring and installation dimensions







Mounting hole opening size

Unit (mm)

Model	W	L	A	H1	G	G1	a	b	d
ADM7-100SI	92	170	38	50	33	28	60	56	6.5
ADM7-250SI	107	186	46	50	33	40	70	56	6.5
ADM7-400SI	152	280	58	60	40	46.5	60	130	8.5
ADM7-630SI	182	300	65	60	40	53	100	123	8.5