

▷ ACB (Air Circuit Breaker)

- Nuclear Power Plant certificate (Class1E, KEPIC EED1000-3000)
- Compact size User priority structure & design
- Multi Function Digital Trip Relay (RS485 Communication port)



Frame Size	(AF)		630	800	1000	1250	1600	2000	2500	3200	4000		
Rated Current(In)	(A) at 40°C		200 400 630	8000	1000	1250	1600	630 800 1000 1250 1600 2000	2500	2500 3200	4000		
Rated Operating Voltage (Ue)	(V)		690				690						
Rated Insulation Voltage (Ui)	(V)		1000				1000						
Rated Impulse Withstand Voltage (Uimp)	(kV)		12				12						
Frequency	(Hz)		50/60				50/60						
Number of Poles	(P)		3, 4				3, 4						
Set Current (In)	(A) x In		0.5/0.6/0.7/0.8/0.9/1.0				0.5/0.6/0.7/0.8/0.9/1.0						
N-Phase Rated Current	(% In)		100				100						
Rated Ultimate Short Circuit Breaking Capacity (Icu) AC 50/60Hz	(kA)	IEC60947-2	690V/600V/550V		50		50		85				
			500V/480V/460V		65		65		100				
			415V/380V/230V/200V		65		65		100				
Rated Service Breaking Capacity (Ics)	(%Icu)		100				100						
Rated Making Capacity (Icm)	(kA)	IEC60947-2	690V/600V/550V		143		143		187				
			500V/480V/460V		187		187		220				
			415V/380V/230V/200V		187		187		220				
Rated Short time Withstand current (Icw)	(kA)/1s		50,1s				50		85				
Operation Time	(ms)	Breaking Time		40				40					
		Closing Time		80				80					
Endurance	(Times)	Mechanical	Under Maintenance		30,000				30,000				
			Under Maintenance-Free		20,000				20,000				
		Electrical	Under Maintenance		20,000				20,000				
			Under Maintenance-Free		10,000				10,000				
Installing Method	Fixed Type (Horizontal Type)		ok				ok		ok				
	Draw-Out Type (Horizontal Type)		ok				ok		ok				
Dimensions W x D	(mm)	Fixed Type	H : 310		3P		316 x 300		316 x 300		376 x 300		
			4P		411 x 300		411 x 300		492 x 300				
		Draw-Out Type	H : 432		3P		353 x 407		353 x 407		413 x 407		
			4P		448 x 407		448 x 407		528 x 407				
Weight	(kg)	Fixed Type	3P		41	41	41	43	43	45	48	59	65
			4P		53	53	53	55	55	58	62	77	83
		Draw-Out Type	3P		65	65	65	68	68	70	75	90	98
			4P		84	84	84	88	88	92	95	117	125