

# RCBOs TLB Series



Frame size (AF)		125		125		250		250		800		
Type		TLB-125E		TLB-125S		TLB-250E		TLB-250S		TLB-800H4		
Number of poles		3		3 4		3		3 4		3 4		
Rated current(A) at ambient temperature 40°C		15 40 75 20 50 100 30 60 125		15 40 75 20 50 100 30 60 125		125 200 150 225 175 250		125 200 150 225 175 250		500 700 600 800 630		
Phases and wires		1 φ 2W 1 φ 3W 3 φ 3W		1 φ 2W 3 φ 4W 1 φ 3W 3 φ 3W		1 φ 2W 1 φ 3W 3 φ 3W		1 φ 2W 3 φ 4W 1 φ 3W 3 φ 3W		1 φ 2W 3 φ 4W 1 φ 3W 3 φ 3W		
Rated insulation voltage (V)		220-440		220-440		220-440		220-440		220-440		
Rated sensitivity current (mA) ( ) : rated non-tripping current (mA)	Standard goods	30(15)		30(15)		30(15)		30(15)		100(50),200(100), 300(150),500(250) Changeover ③		
	Order goods	100(50),200(100), 300(150) changeover ③		100(50),200(100), 300(150) changeover ③		100(50),200(100), 300(150) changeover ③		100(50),200(100), 300(150) changeover ③		Delay 100(50), 200(100),300(150), 500(250) Changeover ③④		
Max. operation time (sec.)						≤ 0.1				—		
5 IΔn operation time (s)						≤ 0.04						
Earth leakage indication						Leakage Indication				Mechanical button		
Rated beaking capacity (kA)												
CNS 5422 JIS C8371	AC 440V	18/15		30/25		18/15		30/25		105/90		
	AC 380V	25/22		35/30		25/22		35/30		105/90		
Asym./sym	AC 220V 240V	35/30		60/50		35/30		60/50		150/125		
	AC 100V 110V	—		—		—		—		—		
CNS 14816-2 IEC 60947-2	AC 440V	15/7.5		25/13		15/7.5		25/13		90/45		
	AC 415V	22/11		30/15		22/11		30/15		90/45		
EN 60947-2	AC 380V	22/11		30/15		22/11		30/15		90/45		
	AC 220V	30/15		50/25		30/15		50/25		125/63		
Dimensions (mm)	a	90		90 120		105		105 140		210 280		
	b	155		155		165		165		275		
	C (high)	68		86		68		86		97.5		
	ca	86		106		89		108		155		
	aa	30		30		35		35		70		
	bb	130-132		132		126		126		243		
	Diagram											
Weight (kg)		1.3		1.55 2		1.75		2.1 2.7		12.5 16		
Automatic tripping device						Fixed-thermal and fixed-magnetic						
Earth leakage tripping device						Electronic						
Trip button						●						
Connections						Terminal screw				Busber		
Internally mounted	Shunt trip SHT	●		●		●		●		●		
	Under voltage trip UVT	—		—		—		—		●		
	Auxiliary switch AUX	●		●		●		●		●		
	Alarm switch ALT	●		●		●		●		●		
	Auxiliary switch + Alarm switch AUX+ALT	—		—		—		—		●		
Externally mounted	Electrical operation mechanics CD	—		—		—		—		●		
	External operating handle	FH	—		—		—		—		—	
		FL	●		●		●		●		—	
		FG	●		●		●		●		—	
		TFJ	—		—		—		—		—	
	Extension handle EHA	—		—		—		—		●		
	Attached flat bar TBB	—		—		●		●		●②		
Interpole barrier TQO	●①		●①		●①		●①		●①			
Terminal cover XPR	●		● —		●		● —		—			

Note : ● : Available — : Not available ① : Standard accessory ② : Built in ③ : Supplied to order.  
 ④ : Delay: 2 IΔn operating time(s):0.45-1-2 adjustable ; 2 IΔn max. non-operating time(s):0.1,0.5,1