

MCCB

Moulded Case Circuit Breaker

With Residual Current
Circuit Breaker

Electronic Plastic Shell
Type Circuit Breaker

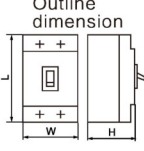


Product Type

YE M 3 - 125 H / 4 300 100A 2 Z A R

Enterprise code	Product category	Design code	Current rank	Breaking capacity	Pole	Part NO	Rated current	operation type	Use NO	N Pole shape	Wiring
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Technical parameter

Mode	YEM3-125			YEM3-160			YEM3-250			YEM3-400			YEM3-630			YEM3-800														
Current rank	125			160			250			400			630			800														
Rated current In(A)	10/16/20 25/32/40 50/63/80 100/125			16/20/25 32/40/50 63/80/100 125/160			100/125/140 160/180/200 225/250			200/225/250 315/350/400			200/250/315/350 400/500/630			400/500 630/700/800														
Rated working voltage Ue(V)	AC415																													
Rated insulation voltage Ui(V)	AC690						AC800																							
Pole	3	3	4	3	3	4	3	4	3	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	
Class of rated ultimate shortcircuit breaking capacity	L	M		L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H	L	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	AC690V	8												10																
	AC415V	36	50	36	50	75	36	50	75	50	75	100	50	75	100	50	75	100	50	75	100	50	75	100						
Rated service short-circuit breaking capacity Ics(kA)	AC690V	4	8	4	8		4	8		5	10		5	10		5	10		5	10										
	AC415V	25	36	25	36	50	25	36	50	36	50	75	36	50	75	36	50	75	36	50	75									
Operation performance (times)	Electrified	40000			40000			40000			20000			20000			10000													
	Unelectrified	20000			20000			20000			10000			10000			5000													
Outline dimension 	L	130			150			165			257			257			275													
	W (3P/4P)	76/101			92/122			107/142			140/184			150/198			210/280													
	H (L/M, H)	60/76			68/85.5			76/88			102.5			102.5			123													
Unit:mm																														
Arc-over distance(mm)	≤50			≤50			≤50			≤75			≤75			≤75														

Outline and installation dimension



□ YEM3-125

□ YEM3-125

Unit: mm

Type	H	H1	H2	H3
YEM3-125L	24	60	65.6	81
YEM3-125M/3P	24	76	81.6	98
YEM3-125M/4P	24	76	81.6	98



□ YEM3-160

□ YEM3-160

Unit:mm

Type	H	H1	H2	H3
YEM3-160L	24	68	72.5	90
YEM3-160M/3P	24	85.5	90	108
YEM3-160M/4P	24	85.5	90	108



□ YEM3-250

□ YEM3-250

Unit:mm

Type	H	H1	H2	H3
YEM3-250L	24	76	80.5	106
YEM3-250M/3P	24	88	92.5	120
YEM3-250M/4P	24	88	92.5	120



□ YEM3-400



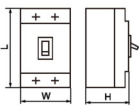
□ YEM3-630

Product Type

YE M 1 - 100 H / 4 300 100A 2 Z A R

Enterprise code	Product category	Design code	Current rank	Breaking capacity	Pole	Part NO	Rated current	operation type	Use NO	N Pole shape	Wiring
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Technical parameter

Mode	YEM1-63			YEM1-100			YEM1-225			YEM1-400			YEM1-630			YEM1-800			YEM1-1250						
Current rank	63			100			225			400			630			800			1250						
Rated current In(A)	6/10/16 20/25/32 40/50/63			16/20/25 32/40/50 63/80/100			100/125/160 180/200/225			200/250 315/350/400			400/500/630			630/700/800			630/700 800/1000 1250						
Rated working voltage Ue(V)	AC400																								
Rated insulation voltage Ui(V)	AC690																		AC800						
Pole	3	3	4	3	3	4	3	3	3	4	3	3	3	4	3	3	3	4	3	3	4	3	3	4	3
Class of rated ultimate short-circuit breaking capacity	L	M		L	M		H		L	M		H		L	M		H		M	H		M	H		
Rated ultimate short-circuit breaking capacity Icu(kA)	AC690V	/		8		8		8		10		10		10		10		10		20		25			
	AC400V	30	50	35	50	85	35	50	85	50	65	100	50	65	100	65	100	65	100	65	100	65	85		
Rated service short-circuit breaking capacity Ics(kA)	AC690V	/		4		8		4		8		5		10		5		10		10		18		20	
	AC400V	20	35	22	35	50	22	35	50	35	42	60	35	42	60	42	60	42	60	42	60	32.5	50		
Operation performance (times)	Electrified	4500			3000			2500			1500			1500			1000			500					
	Unelectrified	8500			7000			6500			4000			4000			2500			2500					
Outline dimensions 	L	135			150			165			257			270			280			467					
	W	78	78	101	92	92	122	92	107	107	141	107	150	198	150	182	240	182	210	280	210	210			
	H	72	81.5	81.5	69	86	86	86	86	103	103	103	107.5			112			116			137			
Unit:mm																									
Arc-overdistance(mm)	≤50			≤50			≤50			≤50			≤50			≤50			≤100			≤100			

Outline and installation dimension



□ YEM1-63

□ YEM1-63

Unit:mm

Type	H	H1	H2
YEM1-63L	72	91	18.5
YEM1-63M	81.5	98.5	27
YEM1-63/4P			



□ YEM1-100

□ YEM1-100

Unit:mm

Type	H	H1	A	B
YEM1-100L	69	93	34.5	20
YEM1-100M、H	86	110		
YEM1-100/4P				



□ YEM1-225

□ YEM1-225

Unit:mm

Type	H	H1	A	B
YEM1-225L	86	110		
YEM1-225M、H	103	127	36	22.5
YEM1-225/4P				



□ YEM1-400



□ YEM1-630



□ YEM1-800

Product Type

YE M 1 L - 100 H / 4 300 100A 2 Z / A R W I

Enterprise code	Product category	Design code	Product code	Breaking capacity	Breaging capacity	Pole	Part NO	Rated current	Use NO	Operation type	Npole shape	Wiring	Release form	Alarm module
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Technical parameter

Mode		YEM1L-100			YEM1L-225			YEM1L-400			YEM1L-630				
Current rank(A)		100			225			400			630				
Pole		3	4		3	4		3	4		3	4			
Rated curent In(A)		16/20/25/32/40/50/63/80/100			100/125/140/160/180/200/225			225/250/315/350/400			400/500/630				
Rated insulation voltage Ui(V)		AC800													
Rated impulse withstand vltge Uimp(V)		8000													
Rated working voltage Ue(V)50Hz/60Hz		AC400													
Arc-over distance(mm)		≥50(0) ²⁾			≥50(0) ²⁾			≥100(0) ²⁾			≥100(0) ²⁾				
Class of rated ultimate short-circuit breaking capacity		M	H	L	M	H	L	M	H	L	M	H	L		
Rated ultimate short-circuit breaking capacity Icu(kA)		50	85	50	50	85	50	65	100	65	65	100	65		
Rated sevice short-circuit breaking capacity Ics(kA)		35	50	35	35	50	35	42	65	42	42	65	42		
Rated residual operating current IΔn(A)	AC type residual current protection	U type release, non delay	0.03/0.1/0.3/0.5			0.03/0.1/0.3/0.5			/			/			
		V type release, non delay, adjustable delay	0.1/0.3/0.5			0.1/0.3/0.5			0.1/0.3/0.5			0.3/0.5/1			
	W type release, non delay, adjustable delay	0.3/1/3/10			0.3/1/3/10			1/3/10/30			1/3/10/30				
IΔn(A)	A type residual current protection	VA type release, non delay, adjustable delay	0.1/0.3/0.5			0.1/0.3/0.5			0.1/0.3/0.5			0.3/0.5/1			
			1/2IΔn			1/2IΔn			1/2IΔn			1/2IΔn			
Rated residual short-circuit connect(breaking) capacity IΔm(kA)		1/4Icu			1/4Icu			1/4Icu			1/4Icu				
Use category		A			A			A			A				
Electrical life(times) ¹⁾		8000			8000			7500			7500				
Mechanical life(times) ¹⁾		Maintenance free		20000			20000			10000			10000		
		Maintenance		40000			40000			20000			20000		
Outline dimension (mm)		W		92	122	107	142	150	198	210	280				
		L		150			165		257		280				
		H		92			90		106.5		115.5				

Product Type

YE	M	1	E	- 100 / 4	300	100A	2	Z	R	
Enterprise code	Product category	Design code	Product code	Current rank	Pole	Part No	Rated current	Use No	Operation type	Wiring



Technical parameter

Mode	YEM1E-100		YEM1E-250		YEM1E-400		YEM1E-800		
Current rank(A)	100		250		400		800		
Pole	3	4	3	4	3	4	3	4	
Rated current In(A)	32(12.5~32) 63(25~63) 100(40~100)		250(100~250)		400(160~400)		630(250~630) 800(315~800)		
Rated insulation voltage Ui(V)	AC800								
Rated impulse withstand voltage Uimp(V)	8000								
Rated working voltage Ue(V)50Hz/60Hz	AC400								
Arc-over distance(mm)	≥50(0) ²⁾		≥50(0) ²⁾		≥100(0) ²⁾		≥100(0) ²⁾		
Class of rated ultimate short-circuit breaking capacity	50		50		65		75		
Rated service short-circuit breaking capacity Ics(kA)	35		35		42		50		
Rated short-time tolerant current Icw(KA)/1s	-		-		5		10		
Use category	A		A		B		B		
Electrical life(times) ¹⁾	8000		8000		7500		7500		
Electrical life(times) ¹⁾	Maintenance free	20000		20000		10000		10000	
	Maintenance	40000		40000		20000		20000	
Outline dimension (mm)	W	92	122	107	142	150	198	210	280
	L	150		165		257		280	
	H	92		90		106.5		115.5	