

Distribution Apparatus

YCM8LE Earth Leakage MCCB

Selection Guide

YCM8LE - 160 S P / 4 300 - 160A 2 A L1 Y1 Q1 D1 Q 2

Product Code	Frame Class	Current Class	Power Supply Voltage Code of the Control Loop	Pole Number
YCM8LE	125	S	P	4
Residual-current circuit breaker	160, 250, 400, 800 Note: 125 is the upgraded 63 frame, 160 is the upgraded 100 frame, 225 is the upgraded 250 frame	S 25/18 25/18 35/25 50/35	P: electric drive operation Z: rotational handle W: operate directly	3: three poles 4: four poles

Release Type and Internal Accessory	Rated Current (A)	Application	Code of Four-pole Product
300	160A	2	A
The first digit represents release type 2: has instantaneous release only; 3: complex release Note: Later two digits are the code of accessories (see accessory table)	160: 10, 16, 20, 32, 40, 50, 63, 80, 100, 125, 140, 160 250: 100, 125, 140, 160, 180, 200, 225, 250 400: 250, 300, 315, 350, 400 800: 500, 630, 700, 800	1: power distribution 2: motor protection	A: N-pole without protection, cannot close or open B: N-pole without protection, can close and open C: N-pole with protection, can close and open D: N-pole with protection, cannot close or open Note: Unless otherwise mentioned, 4-pole products will be classified as CAT. B by default.

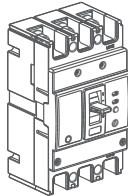
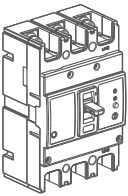
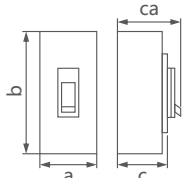
Rated residual operating current (mA)		Rated delay time (if selected)	
L1		Y1	
Delay fixed type	Quick three-gear adjustable	Delay fixity	Delay three-gear adjustable
L1: 30 L7: 200 L11: 30, 50, 100 L14: 100, 200, 300 L2: 50 L8: 300 L12: 30, 100, 200 L15: 100, 300, 500 L3: 75 L9: 500 L13: 30, 100, 500 L16: 300, 500, 1000 L4: 100 L10: 1000 L5: 150		Y1: 0.1s Y4: 0.4s Y7: 0.7s Y10: 1.0s Y13: 0.45、1、2 Y2: 0.2s Y5: 0.5s Y8: 0.8s Y11: 1.5s Y14: 1、2、3(s) Y3: 0.3s Y6: 0.6s Y9: 0.9s Y12: 2.0s	

Attachment Voltage			Electric Operating Voltage		Installation Type	With the Connector or Not
Q1			D1		Q	2
Under Voltage Release	Shunt Release	Auxiliary Alarm	DC1 Electric Operating	DC3 Electric Operating	Q: Front-board H: Back-board C: Plug-in type	1: No 2: Yes
Q1: AC220V Q2: AC240V Q3: AC380V Q4: AC415V	F1: AC220V F2: AC380V F3: DC110V F4: DC24V	J1: AC125V J2: AC250V J3: DC125V J4: DC24V	D1: AC220V D2: AC230V D3: AC380V D4: AC400V	D5: AC230V D6: AC110V D7: DC220V D8: DC110V D9: AC110-240V D10: DC100-220V		
			Note: Adaptable voltages for two electric operations. Please refer to the introduction of external accessory			

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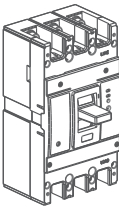
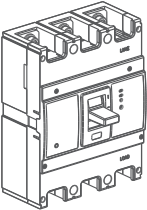
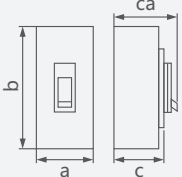
Main Technical Data

Frame Current(A)			160	250
Type			YCM8LE-160S	YCM8LE-250S
Pole number			4	4
				
Power supply system	3P	3Φ3W, 1Φ2W, 1Φ3W		3Φ3W, 1Φ2W, 1Φ3W
	4P	3Φ4W		3Φ4W
Rated Current (A)		10, 16, 20, 32, 40, 50, 63, 80, 100, 125, 140, 160		100, 125, 140, 160, 180, 200, 225, 250
Rated voltage (V)		AC400V		AC400V
Rated insulation voltage (V)		AC690V		AC690V
Leakage indication system		Button		Button
Short Circuit Breaking Capacity (kA) Icu/Ics	AC400V	25/18		25/18
Operating cycle number	ON	6000		3000
	OFF	9000		7000
Quick type	Rated residual operating current	30, 100, 500 (adjustable)		30, 100, 500 (adjustable)
	Max. actuation time	0.1		0.1
Delay type	Rated residual operating current	100, 300, 500 (adjustable)		100, 300, 500 (adjustable)
	Max. actuation time	-		-
	Max. actuation time under 21Δn (s)	0.45, 1.0, 2.0 (adjustable)		0.45, 1.0, 2.0 (adjustable)
	Inertia non-actuation time under 21Δn (s)	0.1, 0.5, 1.0		0.1, 0.5, 1.0
Dimension(mm) a-b-c-ca		4P	120-155-68-90	140-165-68-92
Weight(kg)		4P	1.2	2.5
Electric operating device (MD)			•	•
External drive handle			•	•
Automatic release			Thermal electromagnetic type	Thermal electromagnetic type

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Main Technical Data

Frame Current(A)		400	800
Type		YCM8LE-400S	YCM8LE-800H
Pole number		3,4	3,4
			
Power supply system	3P	3Φ3W, 1Φ2W, 1Φ3W	3Φ3W, 1Φ2W, 1Φ3W
	4P	3Φ4W	3Φ4W
Rated Current (A)		250, 315, 350, 400	500, 630, 700, 800
Rated voltage (V)		AC400V	AC400V
Rated insulation voltage (V)		AC690V	AC690V
Leakage indication system		Button	Button
Short Circuit Breaking Capacity (kA) Icu/Ics	AC400V	35/25	50/35
Operating cycle number	ON	2000	2000
	OFF	4000	4000
Quick type	Rated residual operating current	30, 100, 500 (adjustable)	30, 100, 500 (adjustable)
	Max. actuation time	0.1	0.1
Delay type	Rated residual operating current	100, 300, 500 (adjustable)	100, 300, 500 (adjustable)
	Max. actuation time	-	-
	Max. actuation time under 21Δn (s)	0.45, 1.0, 2.0 (adjustable)	0.45, 1.0, 2.0 (adjustable)
	Inertia non-actuation time under 21Δn (s)	0.1, 0.5, 1.0	0.1, 0.5, 1.0
Dimension(mm) a-b-c-ca	4P	185-257-103-155	280-257-103-155
			
Weight(kg)	4P	8.4	17.5
Electric operating device (MD)		•	•
External drive handle		•	•
Automatic release		Thermal electromagnetic type	