

Distribution Apparatus

YCM8T/A,RT Thermomagnetic Adjustable MCCB

Selection Guide

YCM8 RT - 160 H Z / 3 300 2 A 2

Product Code	Adjustable type	Code of frame size current	Current Class
YCM8	RT	160	H
Moulded-case circuit breaker (MCCB)	RT: thermomagnetic adjustable T/A: single adjustable (i.e. thermal adjustable\magnetic fixed)	160, 250, 400, 630, 800 Note: 160 is the upgraded 100 frame, 225 is the upgraded 250 frame, 630 is the upgraded 400 frame	S H 160 25/18 35/25 225 25/18 35/25 400 35/25 50/35 630 35/25 50/35 800 - 50/35

Code of operating mode	Pole Number	Release Type and Internal Accessory	Rated Current (A)
Z	3	300	160A
DC1, DC2, DC3 P: electric operation Z: rotary handle W: direct operation ① Electric operation DC1, DC2, DC3	3: three poles 4: four poles	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)	125: 20-25, 25-32, 32-40, 40-50, 50-63, 63-80, 80-100, 100-125, 125-160 250: 100-125, 125-160, 160-200, 200-250 400: 200-250, 250-320, 320-400 630: 400-500, 500-630 800: 400-500, 500-630, 630-800

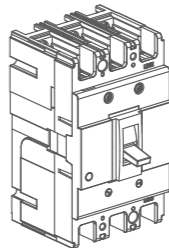
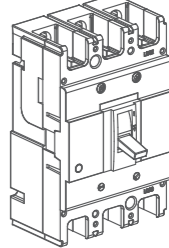
Application	Code of Four-pole Product	Attachment Voltage
2	A	Q1
1: power distribution 2: motor protection	A: N-pole without protection, cannot close or open B: N-pole without protection, can close and open C: N-pole with protection, can close and open D: N-pole with protection, cannot close or open	Under Voltage Release Q1: AC220V Q2: AC240V Q3: AC380V Q4: AC415V Shunt Release F1: AC220V F2: AC380V F3: DC110V F4: DC24V Auxiliary Alarm J1: AC125V J2: AC250V J3: DC125V J4: DC24V

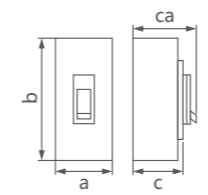
Electric Operating Voltage	Installation Type	With the Connector or Not
D1	Q	2
DC1 Electric Operating D1: AC220V D2: AC230V D3: AC380V D4: AC400V DC3 Electric Operating D5: AC230V D6: AC110V D7: DC220V D8: DC110V D9: AC110-240V D10: DC100-220V Note: Adaptable voltages for two electric operations. Please refer to the introduction of external accessory	Q: Front-board H: Back-board C: Plug-in type	1: No 2: Yes

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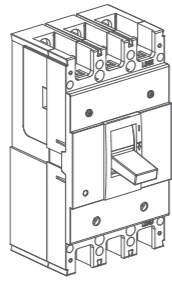
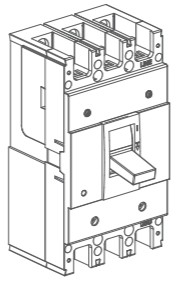
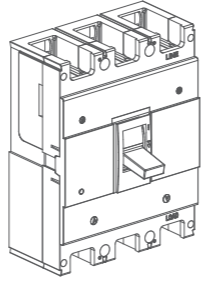
Frame Current(A)	160		250	
Type	YCM8RT-160S	YCM8RT-160H	YCM8RT-250S	YCM8RT-250H
Pole number	3,4		3,4	
				
Rated Current (A)	20-25, 25-32, 32-40, 40-50, 50-63, 63-80, 80-100, 100-125, 125-160		100-125, 125-160, 160-200, 200-250	
Rated voltage (V)	AC400V		AC400V	
Rated insulation voltage (V)	AC1000V		AC1000V	
Short Circuit Breaking Capacity (kA) Icu/Ics	AC400V	25/18 35/25	25/18	35/25
Operating Circle Times	Charged ON	3000		3000
	Not charged OFF	7000		7000
Dimension(mm) a-b-c-ca	3P	90-155-68-90		105-165-68-92
	4P	120-155-68-90		140-165-68-92
Weight(kg)	3P	1.0	1.0	1.5
	4P	1.1	1.4	1.9
Electric operating device (MD)	•		•	
External drive handle	•		•	
Automatic release	Thermal electromagnetic type		Thermal electromagnetic type	

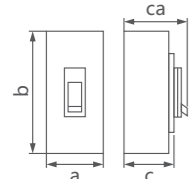


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Frame Current(A)		400		630		800
Type		YCM8RT-400S	YCM8RT-400H	YCM8RT-630S	YCM8RT-630H	YCM8RT-800H
Pole number		3,4		3,4		3,4
						
Rated Current (A)		200-250, 250-320, 320-400		400-500, 500-630		400-500, 500-630, 630-800
Rated voltage (V)		AC400V		AC400V		AC400V
Rated insulation voltage (V)		AC1000V		AC1000V		AC1000V
Short Circuit Breaking Capacity (kA) Icu/Ics	AC400V	35/25	50/35	35/25	50/35	50/35
Operating Circle Times	Charged ON	2000		2000		1500
	Not charged OFF	4000		4000		4000
Dimension(mm) a-b-c-ca	3P	140-257-103-155		140-257-103-155		210-275-103-155
	4P	185-257-103-155		185-257-103-155		280-275-103-155
Weight(kg)	3P	5.5		5.7		9.5
	4P	7.0		7.5		12.5
Electric operating device (MD)		•		•		•
External drive handle		•		•		•
Automatic release		Thermal electromagnetic type		Thermal electromagnetic type		Thermal electromagnetic type



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