

YZM1 SERIES MOULDED CASE CIRCUIT BREAKER



APPLICATION

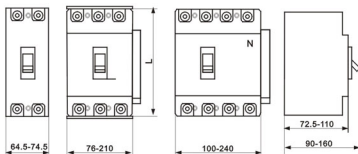
The breaker is mainly used in distribution network of AC 50Hz/60Hz, rated voltage up to 690V, rated working current up to 1250A to distribute electric power and to protect the line and the equipment from being damaged due to overload, short circuit and under-voltage. It can also be used for unfrequent motor start and for motor overload, short circuit and under-voltage protections.

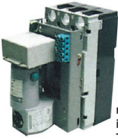
MAIN TECHNICAL PARAMETER

Model	Number of poles	Frame size rated current(A)	Rated operation voltage(V)	Rated Insulation voltage(V)	Rated limit short circuit breaking capacity(kA) 400V/690V	Rated operation short circuit breaking capacity (kA)400V/690V
YZM1-63L	3	≤63	400	500	15*	7.5*
YZM1-63M	3,4	≤63	400	500	35*	17.5*
YZM1-100L	3	≤100	690	800	30/2	15/1
YZM1-100M	2,3,4	≤100	690	800	50/5	25/2.5
YZM1-100H	3	≤100	690	800	65/8	32/4
YZM1-225L	3	≤225	690	800	30/2	15/1
YZM1-225M	2,3,4	≤225	690	800	50/5	25/2.5
YZM1-225H	3	≤225	690	800	65/8	32.5/4
YZM1-400L	3,4	≤400	690	800	40/5	20/2.5
YZM1-400M	3	≤400	690	800	55/8	27/4
YZM1-400H	3	≤400	690	800	70/10	35/5
YZM1-630L	3,4	≤630	690	800	40/5	20/2.5
YZM1-630M	3	≤630	690	800	55/8	27/4
YZM1-630H	3	≤630	690	800	70/10	35/5
YZM1-800M	3	≤800	690	800	60*	30*
YZM1-800H	3	≤800	690	800	70*	35*
YZM1-1250M	3	≤1250	690	800	65*	32.5*

Note: *means test parameter at 400V

Outline and installation size

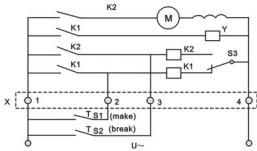




All accessories, including shunt release, under-voltage release, auxiliary contact and alarm contact, are made into individual module and can be fitted into breaker conveniently. They have reliable working performance.



Open/close wiring diagram of motor operation



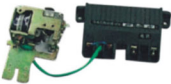
S1, S2 operation button (prepared by user)
 X wiring terminal
 K1, K2 self-locking relay S3 inching switch
 M special series motor Y brake electromagnetic



Operating mechanism



Shunt tripping



Under-voltage tripping



Auxiliary contact and alarm contact



Double auxiliary contacts



Alarm contact