



## Features

- Standard housing Flame Proof Mounting in line with DIN 43880 - 2 TE
- Zero Switching Lag
- New heavy duty relay
- 2 NO Contact Terminal
- Shortest switching time
- Status Indicator
- Screw terminals (181H) & DuoFix terminals(181D)
- Quiet Operation noise
- Upto 60% Power savings
- Permanent ON/OFF switch
  - Operating Modes :
    - Automatic
- Mounting method: Wall mounting, DIN rail
- Central European CE compliant

## Product types

Model numbers	Description	Operating voltage	Pole
ECMC-32A (2 P)	Modular Contactor with Override Switch , 32 Amps 2 pole	220-240VAC	2 Pole
ECMC-40A (2 P)	Modular Contactor with Override Switch , 40 Amps 2 pole	220-240VAC	2 Pole
ECMC-63A (2 P)	Modular Contactor with Override Switch , 63 Amps 2 pole	220-240VAC	2 Pole

## Technical Data

Model number	ECMC 2P		
Type	Standard DIN Rail mounting type		
Primary Function	Mechanical Switching Contactor with Manual override Switching capability		
Operating voltage	AC 220V 50/60HZ 85%~110%		
Frequency	50-60Hz		
Contact	2NO		
Switching capacity			
Rated Current (In) AC.7a	32A @ 250VAC	40A @ 250VAC	63A @ 250VAC
Rated Current (In) AC.7b	12A / 250VAC	18A / 250VAC	25A / 250VAC
Module	2 module		
Wire Size			
Control Loop ( Screw Driver Torque )	1.5 sq mm ( 0.8 Nm)		
Power Circuit ( Screw Driver Torque )	6 sq mm ( 2.5 Nm )		
Life Time			
Electrical Life	100,000 times		
Mechanical Life	10,000,000 times		
Insulation Voltage (Ui)	500 V AC		
Rated Impulse Withstand Voltage	2.5 kV		
Protection Degree	Protection degree II when mounted properly Ip20 according to En60529 High-temperature resistant, self-extinguishing thermoplastic		
Dimension ( H x W x D mm )	73 x 36 x 85		
Auxillary contact	Yes		
Pollution Degree	2		
Operation Temperature	-5 to 60 deg centigrade		
Storage Temperature	-40 to 60 deg centigrade		
Moisture Resitance	IEC 60529		
Mounting	DIN Rail 35mm		



## MODULARITY

ECMC Series modular contactors are one of a kind din rail mount power contactors. The design is intelligent & compact. These contactors can easily fit into any standard electrical distribution board. The modularity enables the users to use these ultra low noise contactors in various environments. The body is made of high grade flame retardant ABS which can withstand mechanical & physical wear & tear. It provides great flexibility over all.



## LONG ELECTRICAL LIFE

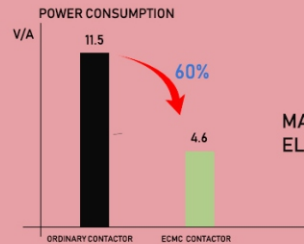
Contactors are used for frequent switching of circuits, and their electrical life is the most important indicator of the product quality. The M-Series contactors have been tested & proven to withstand 100,000 full load ON & OFF in the AC-7a load capacity

**ELECTRICAL LIFE**  
100,000 OPERATIONS

**MECHANICAL LIFE**  
10,000,000 OPERATIONS



## ENERGY SAVINGS & LOW NOISE



MASSIVE 60% SAVING IN ELECTRICITY CONSUMPTION



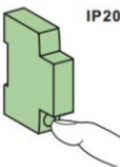
SONOGRAM TEST REPORTS  
RED - ORDINARY CONTACTOR  
BLACK - ECMC CONTACTOR



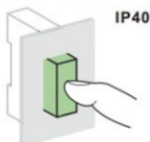
Clip on DIN rail 35 mm.



± 30° vertical.



IP20



IP40

