

WOCON225NO
WOCON240NO
WOCON425NO
WOCON440NO
WOCON463NO

*See current catalogue for further detail

Wolverine Contactor series



Wolverine Din Rail mounted contactors (WOCON series) offer fast and flexible installation and is suitable for residential and light commercial applications in normally open or normally closed format. Offering reliable performance for board configurations suited from 25A in 2 and 4 pole up to 63A in 4 pole with 230V coils along with the flagging indication of internal contact positions.

Perfect for applications where control of larger circuits and isolation is required either in the main or in local sub boards the WOCON series offers great flexibility.

The working principle of the contactor: Upon energization, the circuit with current will create a magnetic field and generate sufficient magnetic adhesion to overcome counterforce, close armature and connect the contacts. When the coil voltage dies out or reduces to a certain value (i.e. at the state of voltage release), for the flux generated at the end face of the armature decreases, the magnetic adhesion becomes weaker than the counterforce generated by the reaction spring, contact spring, etc. Under the counterforce, the armature will be released and free from the field yoke, and then the contacts will be disconnected.

Cleaning Guide:

Spraying cleaning products on to electrical products is not recommended. It is important to ensure that switches are turned off before cleaning.

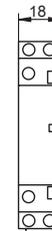
Do not use any cleaning sprays - only wipe down with damp cloth or rub with dry cloth. (Do not use an abrasive cloth as it may scratch the plastic).

Do not use harsh chemical cleaners as these can break down the plastic and cause it to crack.

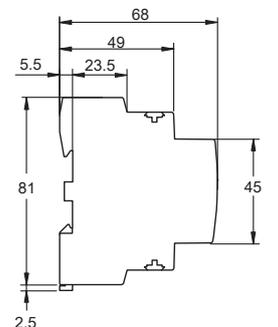
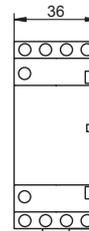


Parameter / Specification		25A	32A	40A	63A	
Rated Current In(A)	AC-7a	25	32	40	63	
	AC-7b	9	12	18	25	
Conventional Free Air Thermal Current Ith(A)		25	32	40	63	
Rated Insulation Voltage Ui(V)		500				
Rated Voltage Ue(V)		250V(2P)		400V(3P 4P)		
Main Contacts	2P	2NO				
	3P	3NO				
	4P	4NO				
Controlled power (kW)	AC-7a	250V	5	6	7.5	12
		400V	16	20	26	40
	AC-7b	250V	1.2	2.5	3	4
		400V	4	6	7.5	11
Electrical durability(times)		10x10 ⁴				
Mechanical durability(times)		100 x 10 ⁴				
Operation frequency /1h		30				
Coil Voltage Us(V)		AC230V				
Wiring Ability (mm ²)	Control circuit	Rigid wire	1.5 - 2.5		2 x 1.5	
		Flexible wire	1.5 - 2.5		2 x 2.5	
	Main Circuit	Rigid wire	1.5 - 6		6 - 25	
		Flexible wire	1.5 - 4		6 - 16	
Fastening torque (Nm)	Main circuit terminal	0.8		3.5		
	Control circuit terminal	0.8				

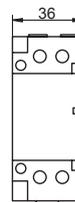
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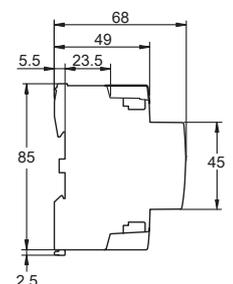
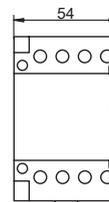
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Certification Number:
TBC

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Data Specification Sheet
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