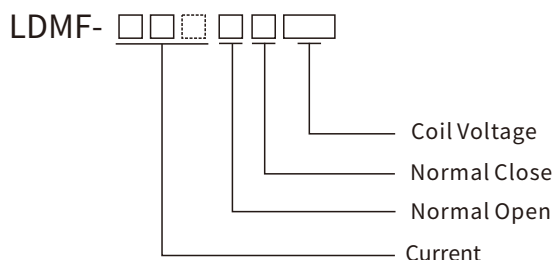


Applicable Scope

The LDMF modular contactor (hereinafter referred to as contactor) is mainly suitable for Ac 50Hz (or 60Hz), rated working voltage to 400v and rated current operation in the circuit up to 125A, it can control the low-inductance and low-inductance load of household appliances and similar purposes; it can also be used to control the load of household motors. The power should be reduced accordingly.

The LDMF contactors according to standard IEC/EN61095, IEC60947-4-1 and are used mainly in buildings for switching and controlling lighting, heating, ventilation and pumps. They are part of the complete range of Din rail products and can be integrated easily in dedicated panels.

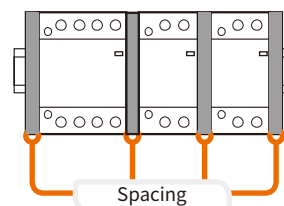
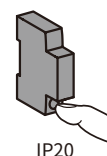
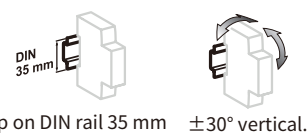
Modular Contactor



(eg. LDMF-2520-230. It is 25A, 2NO, 230VAC current coil voltage)

Main Technical Data

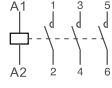
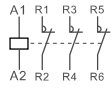
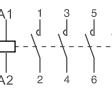
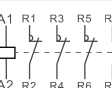
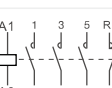
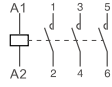
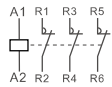
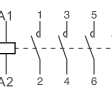
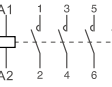
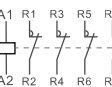
Rated operational voltage (Ue)	250VAC	1P(1NO,1NC),2P(2NO,2NC,1NO+1NC)
	400VAC	3P(3NO,3NC),4P(4NO,4NC,2NO+2NC,3NO+1NC)
Frequency	50/60Hz	
Mechanical life	1,000,000 cycles	
Electrical life	100,000 cycles	
Maximum number of switching operation a day	100	
Insulation voltage (Ui)	500V AC	
Pollution degree	2	
Rated impulse withstand voltage (Uimp)	2.5kV (4kV for 12/24/48VAC)	
Degree of protection (IEC 60529)	IP20	
Operating temperature	-5°C~+60°C (1)	
Storage temperature	-40°C~+70°C	
Tropicalization (IEC 60068.1)	Treatment 2 (relative humidity 95% at 55°C)	
ELSV compliance (Extra Low Safety Voltage) for 12/24/48VAC versions		
The product control conforms to the SELV (safety extra low voltage) requirements		



(1) In the case of contactor mounting in a enclosure for which the interior temperature is in range between 50 °C and 60 °C, it is necessary to use a spacer, between each contactor

Automatic Type Product Selection Form

Width	Coil voltage VAC	Poles	Contacts NO+NC	Contactor Model	Rated Current		Circuit Diagram
					AC-1, AC-7a	AC-3, AC-7b	
 1 Modules	24 110 230	1P	1NO	LDMF-1610	16A	6A	
				LDMF-2010	20A	7A	
				LDMF-2510	25A	9A	
			1NC	LDMF-1601	16A	6A	
				LDMF-2001	20A	7A	
				LDMF-2501	25A	9A	
		2P	2NO	LDMF-1620	16A	6A	
				LDMF-2020	20A	7A	
				LDMF-2520	25A	9A	
			1NO+1NC	LDMF-1611	16A	6A	
				LDMF-2011	20A	7A	
				LDMF-2511	25A	9A	
 2 Modules	24 110 230	1P	1NO	LDMF-3210	32A	12A	
				LDMF-4010	40A	18A	
				LDMF-6310	63A	25A	
			1NC	LDMF-3201	32A	12A	
				LDMF-4001	40A	18A	
				LDMF-6301	63A	25A	
		2P	2NO	LDMF-3220	32A	12A	
				LDMF-4020	40A	18A	
				LDMF-6320	63A	25A	
			1NO+1NC	LDMF-3211	32A	12A	
				LDMF-4011	40A	18A	
				LDMF-6311	63A	25A	
 3 Modules	24 110 230	2P	2NO	LDMF-8020	80A	32A	
				LDMF-10020	100A	40A	
				LDMF-12520	125A	50A	
			1NO+1NC	LDMF-8011	80A	32A	
				LDMF-10011	100A	40A	
				LDMF-12511	125A	50A	
			2NC	LDMF-8002	80A	32A	
				LDMF-10002	100A	40A	
				LDMF-12502	125A	50A	

Width	Coil voltage VAC	Poles	Contacts NO+NC	Contactor Model	Rated Current		Circuit Diagram
					AC-1, AC-7a	AC-3, AC-7b	
 2 Modules	24 110 230 380	3P	3NO	LDMF-1630	16A	6A	
				LDMF-2030	20A	7A	
				LDMF-2530	25A	9A	
			3NC	LDMF-1603	16A	6A	
				LDMF-2003	20A	7A	
				LDMF-2503	25A	9A	
		4P	4NO	LDMF-1640	16A	6A	
				LDMF-2040	20A	7A	
				LDMF-2540	25A	9A	
			4NC	LDMF-1604	16A	6A	
				LDMF-2004	20A	7A	
				LDMF-2504	25A	9A	
			2NO+2NC	LDMF-1622	16A	6A	
				LDMF-2022	20A	7A	
				LDMF-2522	25A	9A	
			3NO+1NC	LDMF-1631	16A	6A	
				LDMF-2031	20A	7A	
				LDMF-2531	25A	9A	
 3 Modules	24 110 230 380	3P	3NO	LDMF-3230	32A	12A	
				LDMF-4030	40A	18A	
				LDMF-6330	63A	25A	
			3NC	LDMF-3203	32A	12A	
				LDMF-4003	40A	18A	
				LDMF-6303	63A	25A	
		4P	4NO	LDMF-3240	32A	12A	
				LDMF-4040	40A	18A	
				LDMF-6340	63A	25A	
			4NC	LDMF-3204	32A	12A	
				LDMF-4004	40A	18A	
				LDMF-6304	63A	25A	
			2NO+2NC	LDMF-3222	32A	12A	
				LDMF-4022	40A	18A	
				LDMF-6322	63A	25A	
			3NO+1NC	LDMF-3231	32A	12A	
				LDMF-4031	40A	18A	
				LDMF-6331	63A	25A	
 6 Modules	24 110 230 380	4P	4NO	LDMF-8040	80A	32A	
				LDMF-10040	100A	40A	
				LDMF-12540	125A	50A	
			4NC	LDMF-8004	80A	32A	
				LDMF-10004	100A	40A	
				LDMF-12504	125A	50A	
			2NO+2NC	LDMF-8022	80A	32A	
				LDMF-10022	100A	40A	
				LDMF-12522	125A	50A	
			3NO+1NC	LDMF-8031	80A	32A	
				LDMF-10031	100A	40A	
				LDMF-12531	125A	50A	