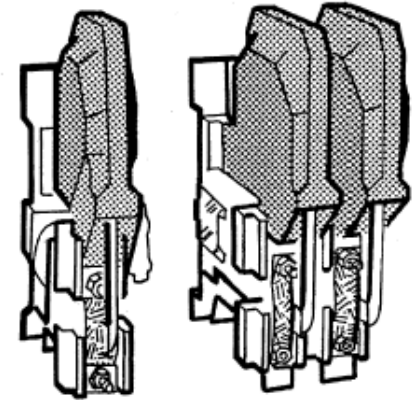


LT CONTACTOR FOR RAILWAY APPLICATION

Max operating voltage $V = 2000 \text{ V dc} + 20\%$
 Thermal current $I_{th} = 1300 \text{ A}$
 Mechanical life $\geq 2 \cdot 10^6$ operations
 Breaking circuit direct blow out coil
 Coil voltage range $U_c = -20 + 30\%$



		DATA SHEET					DOC NO: LTHS1250/1P		
		LT CONTACTOR by Microelettrica							
Partno. LTHS1250/1P									
General									
Poles no.	1	Disconnecter		Aux blocks chart no.	SK11	Max aux blocks	4	Power terminals	M12
Bidirectional	X	Contactora	X	Optional NC poles		Optional latch		Coil terminals	M4
Basic				Insulation					
Nominal voltage [V]				1500		Insulation voltage			1500
Max operating voltage [V]				2000		Dielectric test – pole to pole [Vac-50Hz-1min]			4500
Thermal current per pole [A]				1300		Dielectric test – poles to grounded aux [Vac-50Hz-1min]			6000
Operating current per pole at 75°C [A]				1200		Dielectric test – aux to ground [Vac-50Hz-1min]			2000
Characteristics per pole*					Control coil				
Maximum breaking (occasional – fault)		Regular breaking [IEC77]		Short Circuit withstand		Control coil power pick up [W]			60
Voltage [Vdc]		Voltage [Vdc]		Current [kA]		Control coil power holding [W]			60
Current [A]		Current [A]		Duration [ms]		Opening time [msec]			30
L/R [ms]		L/R [ms]		Mechanical life		Closing time [msec]			280
Power [kW]		Power [kW]		operations		L/R when closed [msec]			210
2826		2700		2X10E6		L/R when open [msec]			195
*) Characteristics may vary with mounting position									
Spare parts			Documentation			Sample Drawings			
Arc chute		864002801		Coil chart no.		TU0204S		LTHS1250/1PNO/./N	D46573
Main contacts		0100077+0100148		Instruction Manual no.		MI-9561251			
Arc contacts		0109495+0100141		Exploded view no.		ER0046-D			
Extended part number									
Series, type, size and total number of poles				LTHS1250/1P					
Type of poles: [NO, NC, CO]* (example)				NO					
Mounting position: [V=vertical / H=horizontal] (example)				V					
Coil voltage: [24, 36, 48, 72, 96, 110Vdc] (example)				24					
Number of aux contacts blocks: [0, 1, 2, 3, 4]** (example)				2					
Mechanical latch: [TAN=latch / N=no latch]*** (example)				N					
Extended part number example				LTHS1250/1PNO/V/24/2/N					
*) CO only possible on 2 poles contactors if NC poles marked available									
**) Each block = 1NO+1NC standard or 2NO contacts on request									
***) Latch only if marked available									

Characteristics may vary without notice

