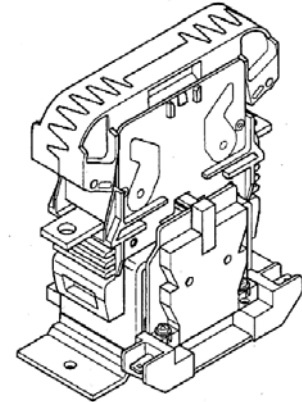


# LT CONTACTOR FOR RAILWAY APPLICATION

Max operating voltage  $V = 2000 \text{ V dc} + 20\%$   
 Thermal current  $I_{th} = 250 \text{ A}$   
 Mechanical life  $> 10^6$  operations without maintenance  
 Breaking circuit double breaking with permanent magnets  
 Coil voltage range  $U_c = -20 + 30\%$



		<b>DATA SHEET</b>						DOC NO: LTCS250/2P		
		<b>LT CONTACTOR</b> by Microelettrica								
<b>Part no. LTCS 250/2P</b>										
<b>General</b>										
Poles no.	2	Disconnecter		Aux blocks chart no.	SK11	Max aux blocks	2	Power terminals	M8	
Bidirectional		Contactors	X	Optional NC poles		Optional latch		Coil terminals	F	
<b>Basic</b>					<b>Insulation</b>					
Nominal voltage [V]				1500	Insulation voltage				2000	
Max operating voltage [V]				2000	Dielectric test – pole to pole [Vac-50Hz-1min]				5500	
Thermal current per pole [A]				250	Dielectric test – poles to grounded aux [Vac-50Hz-1min]				7000	
Operating current per pole at 75°C [A]				200	Dielectric test – aux to ground [Vac-50Hz-1min]				2000	
<b>Characteristics per pole*</b>						<b>Control coil</b>				
<b>Maximum breaking (occasional – fault)</b>		<b>Regular breaking [IEC77]</b>		<b>Short Circuit withstand</b>		Control coil power pick up [W]		32		
Voltage [Vdc]		Voltage [Vdc]		Current [kA]		Control coil power holding [W]		32		
Current [A]		Current [A]		Duration [ms]		Opening time [msec]		20		
L/R [ms]		L/R [ms]		<b>Mechanical life</b>		Closing time [msec]		90		
Power [kW]		Power [kW]		operations		L/R when closed [msec]		85		
120		60		2X10E6		L/R when open [msec]		60		
*) Characteristics may vary with mounting position										
<b>Spare parts</b>				<b>Documentation</b>			<b>Sample Drawings</b>			
Arc chute		8640250		Coil chart no.			TU0329S		LTCS250/2PNO/..N	D47954
Main contacts		862251101		Instruction Manual no.			MI-96060050			
Arc contacts		N/A		Exploded view no.			ER0037-D			
<b>Extended part number</b>										
Series, type, size and total number of poles				LTCS250/2P						
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				LTCS250/2PNO/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

