

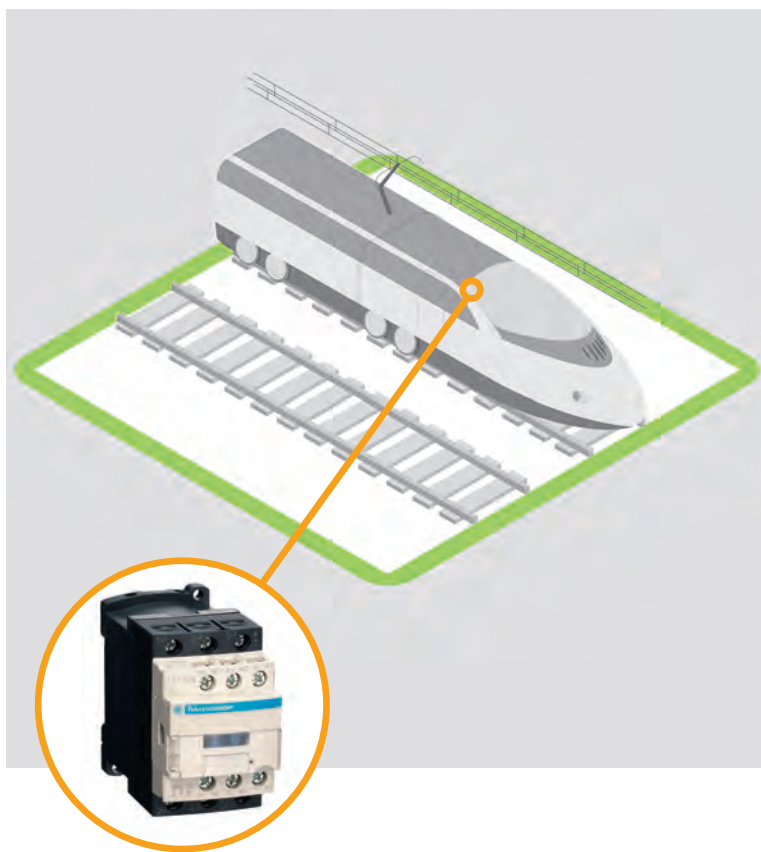


TeSys D ... S207 contactors for railway applications

Main or urban line trains, underground trains or trams

TeSys D S207 contactors meet the needs of all railway applications.

For brake or air conditioning compressors, heating, lighting, door control, signalling, communication or propulsion control, TeSys D S207 contactors are designed for all power switching and control applications, while complying with regulations relating to railway rolling stock.



Benefits

Choose SNCF (French National Railways) certification

- Solution certified by the main European railway companies.

Choose the safety of persons

- Conforming to standard NF 16101 Flame/Smoke, requirement 3 (I2F3)
- Allowing installation of the products without any restrictions.

Choose the "Railway tested" solution:

- Developed in accordance with standard IEC 60077
- Wide range coil 0.7 to 1.25 U_c to compensate for voltage drops
- Shock and vibration resistance conforming to IEC 61373.

Characteristics

- **NF 16-101 & 16-102: Category A1 (equipment frequently operating underground)**
 - installed in passengers or driver cabins
 - weight >100g (side by side products installation)
 - Severity level 3 (material rating I2F3) →** Power & Control terminal blocks, Base of TeSysD S207
 - parts close to Electrical Arc
 - Severity level 4 (material rating I2F1) →** Arc Shield of TeSys D S207
- **Shock/Vibration IEC 61-373 Category 1 class B : body mounted, inside an equipment case :**
 - Fonctional random vibration tests: 5 - 150Hz ==> 1 ms⁻² eff axe /10 min
 - Accelerated random vibration tests: 5 - 150Hz ==> 5,50ms⁻² eff axe / 5 hours
 - Shock tests : 5g / 30ms / 3 shocks per sens, OX, 3g / 30ms / 3 shocks per sens , OY & OZ
- **Wide range coil**
 - To withstand voltage fluctuations of: 0.7...1.25 Uc
 - From -25°C to 70°C
 - Low consumption (4w)
 - Even when mounted side-by-side

Selection guide

Contactors	LC1D	09	6	B	L	S207
Number of poles	3P (AC3) 4P (AC1) 2P+2R (AC3)	T	8			
Ratings AC3	9A 12A 18A 25A 32A 38A	09 12 18 25 32 38				
Ratings AC1 (4-pole only)	20A 25A 32A 40A	20 25 32 40				
Connection by lugs			6			
DC coil voltage	24V 72V 110V			B S F		
DC supply	Low consumption Standard				L D	
Specification number						S207
Auxiliary contacts	CAD	32	6	B	L	S207
Type of contacts	3NO+2NC 5NO	32 50				
Connection by lugs			6			
DC coil voltage	24V 72V 110V			B S F		
DC supply	Low consumption Standard				L D	
Specification number						S207

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Owing to changes in standards and equipment, the characteristics given in the text and images in this document are not binding until they have been confirmed with us.
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Photos : Schneider Electric