

**telergon**  
gorlan

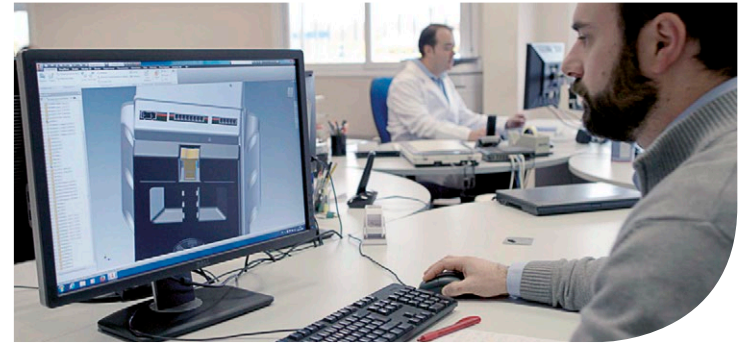


**Railway engineering  
solutions**



[www.telergon.com](http://www.telergon.com) > > >

**gorlan**



**Manufacturers since 1953**  
The switch specialist

[www.telergon.com](http://www.telergon.com)



**At Telergon, we have a wide expertise in railway applications. In fact, it is one of our main business areas since the acquisition of Bihplat in 2015, a brand with an experience of more than 60 years that was integrated into our offer of specific products for this sector.**

All this has led us to acquire a deep knowledge in the development of rolling stock and fixed installation solutions for 1000 Vac and 1500 Vdc, allowing us to be part in nearly a hundred projects around the world thanks to our products.

In addition, Telergon's accumulated experience in other industries allows

us to complete our rolling stock offer with other products and solutions for low-voltage electrical power control for fixed sites (stations, signalling, etc.).

Our range of products for the railway sector is applicable to cabins, wagon access, air conditioning, traction and fixed installation.



**Quality Telergon**

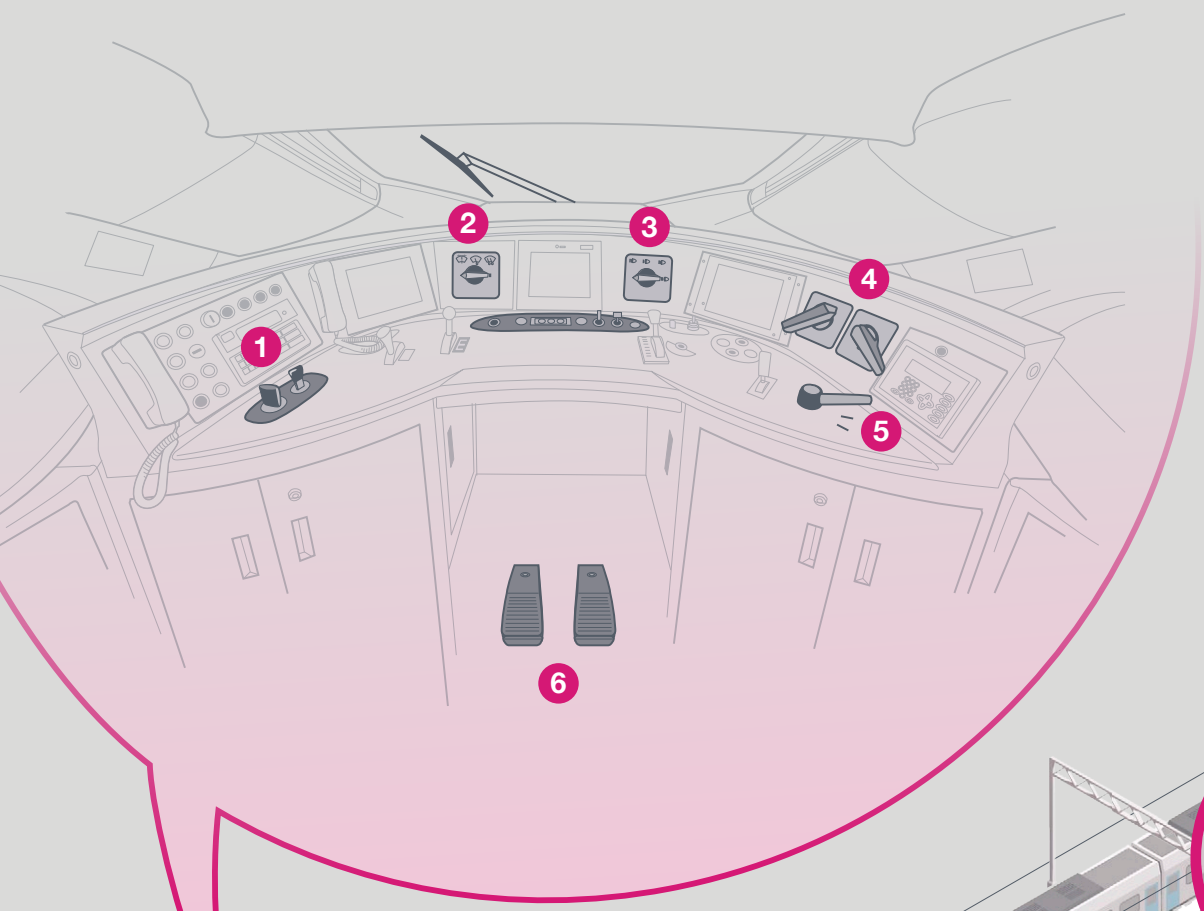


**General standards\***

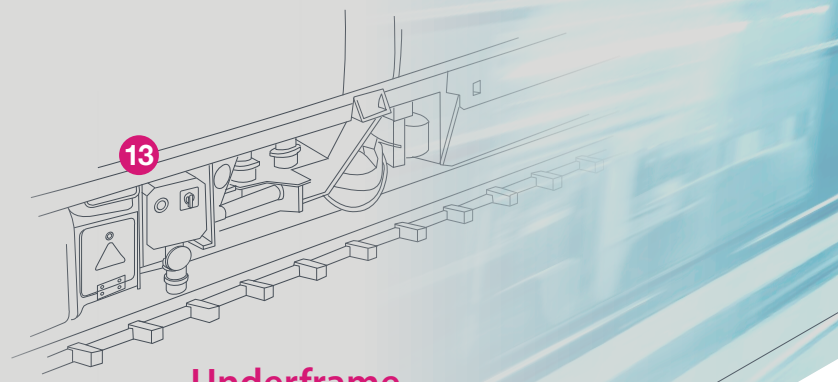


IEC 600077-1  
IEC 61373  
EN 45545-2

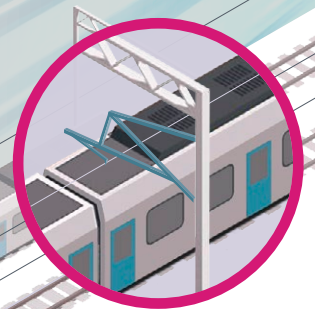
\* Please, consult.



**Control and Selectors**  
Indoor



**Underframe**  
Outdoor

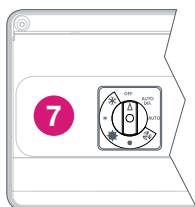


**Earthing and Safety**  
Indoor / Outdoor

14

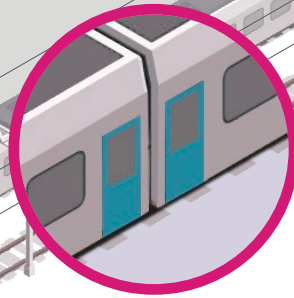


**HVAC**  
Indoor

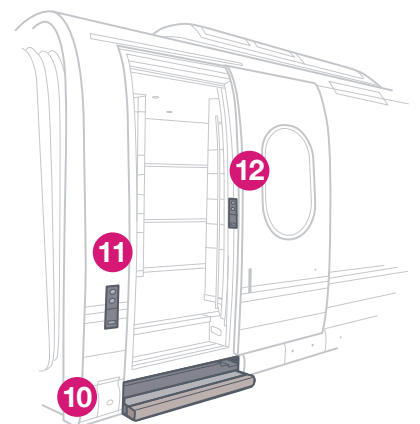


**Battery disconnectors**  
Indoor

8



**Onboard access switches**  
Indoor / Outdoor



10

11

12



## ▶ Operating switches and selectors

V and K Series cam switches offer a wide application field in rolling-stock and unlimited switching possibilities and configurations.

TELERGON range of specialised key switches can be adapted to suit a variety of locks including Dormakaba, Assa Abloy and Dom, among others.

Our solutions are waterproof, shock/vibration and climatic tested.

## ▶ Traction systems Up to 1500V DC

TELERGON offers standard and custom solutions for DC traction, including electrical safety: earthing switches, changeover switches, pneumatic interlocking valves, key multipliers, door locks, etc.



1

### Driver's cab



#### Directional switches

Cab active and inverter switch in tandem operation with interlocking.

Extensive adaptation to cylinders and security keys of recognised brands.

2



#### Light and wiper switches

Customised electrical diagram and inscriptions.

4



#### Selector switches

Anti-vandal, push to turn, different actuators.

5



#### Operating mode selectors

Metal handles in reinforced rotary device.

Multiple contacts, up to 30 contacts per column.

7



### HVAC control switches

Golden contacts available. Plates design with different colours.

### Foot-operated switches

Aluminium extruded cover  
With cam switch or micro switch execution.  
Special switching sequence available.

6



### Onboard access switches

Wide range of electrical and front parts combination: changeover switches with spring return or steady positions, customized aluminium or stainless-steel front plates, actuators for security and operator keys.

9

#### Toilet



10

#### Ramp switches



11

#### Crew changeover switch internal external



12



### Battery disconnect switches

Isolation only and ON-load models  
2 pole and multipole versions  
Front, door and frame mounting.

8



### Underframe

AC/DC Power supply combinations.  
Plugs and sockets mounted in plastic or metallic enclosures, including control switches and indicator lights.

13



### Earthing and Safety

Up to 16 poles earthing switches 1500VDC in robust, compact and light weight design.  
Safety devices with key interlocking: pneumatic valves, key multipliers and door locks.  
ON-OFF or I – II functions.

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TDM-RAIL-ENG-052022



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