

Finder Railway Applications

Relays used for railway rolling stock are subject to increasingly higher technical demands – such as the need for wider operating ranges; higher resistance to shock and vibration; operation over a wider range of temperature and humidity; and above all, the fire resistance properties of the relay's constituent parts.



Mechanical and Climate Characteristics

The resistance against random vibrations and shock of the relays and their sockets and accessories is in compliance with the prescription of EN 61373 standard for Category 1, Class B products.

Their resistance to temperature and humidity is in compliance with the prescription of EN 50155 standard, TX class (for relay and sockets) or T1 class (for timers and control relays).



Coupler
70T Series
83T Series



Bogie monitoring
56T Series



Signalling
75T Series
39T Series



Exterior light control
11T Series
39T Series
46T Series
55T Series



Driver's control console
46T Series
80T Series
83T Series
11T Series



Door control
46T Series
75T Series
80T Series
83T Series
86T Series



Pantograph management
46T Series
56T Series



Air conditioning
39T Series
55T Series
70T Series



46T Series
Miniature industrial relays



55T Series
General purpose relays



56T Series
Miniature power relays



39T Series
Relay interface module



86T Series
Timer modules



11T Series
Light dependent relays



70T Series
Line monitoring relays



75T Series
Relay module with forcibly guided contacts



80T Series
Modular timers, 17.5 mm



83 Series
Modular timers, 22.5 mm

Fire and Smoke Characteristics of the Materials

The relays and their sockets and accessories are manufactured using specific insulating materials, which satisfy the requirement R26 of fire protection prescribed by the standard EN 45545-2 +A1:2016 for product category EL10.

The requirement R26, for Hazardous levels HL1 to HL3, is the conformity to V0 class following vertical small flame test according to EN 60695-11-10.



Ancillary equipment

55T Series
22 Series
86T Series



Message panels infotainment

46T Series
55T Series
80T Series



Door control

75T Series
39T Series
46T Series
55T Series



Internal light management

46T Series
55T Series
56T Series
11T Series



Mobile device charging

56T Series
22 Series



46T Series
Miniature industrial
relays



55T Series
General purpose
relays



56T Series
Miniature power
relays



39T Series
Relay interface
module



86T Series
Timer modules



11T Series
Light dependent
relays



22 Series
Modular contactors



80T Series
Modular timers,
17.5 mm



75T Series
Relay module with forcibly
guided contacts