

Electronic signalling relay

Type 8595

8595



Description

The type 8595 signal relay is a relay that can be used, without auxiliary voltage supply, on DC railway systems with a maximum direct voltage of 900 V. The influence of drops in voltage can be balanced out within certain limits.

As an output, the relay has two changeover dry contacts. The switching status of the relay is indicated by a LED.

The type 8595 signal relay has a switching power supply. Modern electronic components ensure the greatest range of voltage at the lowest power consumption. This guarantees the high safety standard and the stability of the individual characteristics as well as the relay as a whole.

Function

The type 8595 relay works without additional auxiliary voltage. It is powered directly from the measured voltage UM(+Kl. 11, -Kl. 13), which may be up to DC 900 V.

Via a jumper, the relay can be set externally via terminals 15-20 to five different switching points predefined depending on type.

If the selected switching point is exceeded, the two output relays are triggered.

The dry contacts can be used for control or signal instructions as desired.

An LED on the front panel shows the switching status of the relay.

The special electronic switching also allows for optimal adjustment to special operational problems.



Technical data

Dimensions	WxHxD 60/70/110 mm
Housing	Polystyrene
Attachment	2 holes in accordance with DIN 43604 standard carrying rail (TS35) in accordance with DIN EN 50022
Type of protection	Housing: IP 30 Terminals: IP 20 (Electrical switching completely encapsulated up to the terminals)
Ambient temperature	-20°C to +70°C
Trigger value	Adjustable in five steps by means of a jumper on terminals 15 - 20 (see type designation)
Power consumption	max. 2.5 W
Switch-on contact	Permanent contact or pulse contact lasting at least 30 ms
Operating voltage	no supply voltage
Output	2 changeover dry contacts
	Voltage Current
	AC 250 V 4.0 A
	DC 110 V 0.5 A
Electric strength	Input-output = AC 5 kV, 60s EN 50123-1:1995 7.5.2
Displays	LED

Ordering information

type	part-no.
8595 (600V - 800V)	320214
8595 (60V - 80V)	320215
8595 (450V - 650V)	320216
8595 (170V - 210V)	320217
8595 (200V - 400V)	320218

Special trigger values, drop-out delay times and special versions are available on request.

