

Bi-stable memory relay Type 8587

8587



Control unit Type 8517 Bi-stable memory relay Type 8587

Description

The bi-stable memory relay type 8587 functions as a memory relay for capturing transient switching states or events. Due to its low input switching capacity and fast response speed, it is practical for any potential-free switching contact. Another special feature of this relay is that it retains its switch position even in a power failure until an on-site or a remote reset contact is actuated.

Function

The relay is constructed as a bi-stable relay with state-of-the-art components. Through voltage and current limiting measures the control circuit voltage is restricted to ≤ 10 V DC, and the short-circuit current (the maximum current that flows over a closed switch contact) is restricted to ≤ 1.4 mA. The integrated voltage-stabilized switch amplifier and flawless triggering of the switch amplifier enable accurate and

unequivocal switching behavior even with creeping or poor contact.

The switch amplifier is also ready to process a switching impulse, for example to K2, if the K1 contact is not closed (or vice versa). Please see the complete Product Binder for additional special relays.



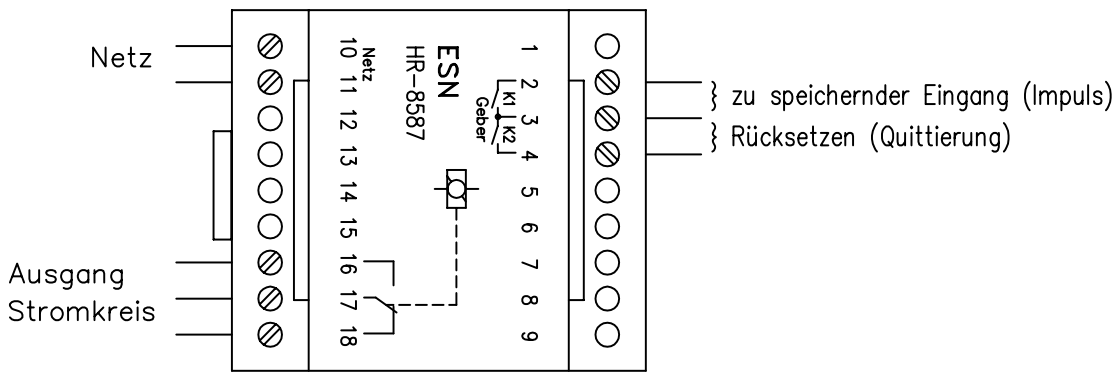
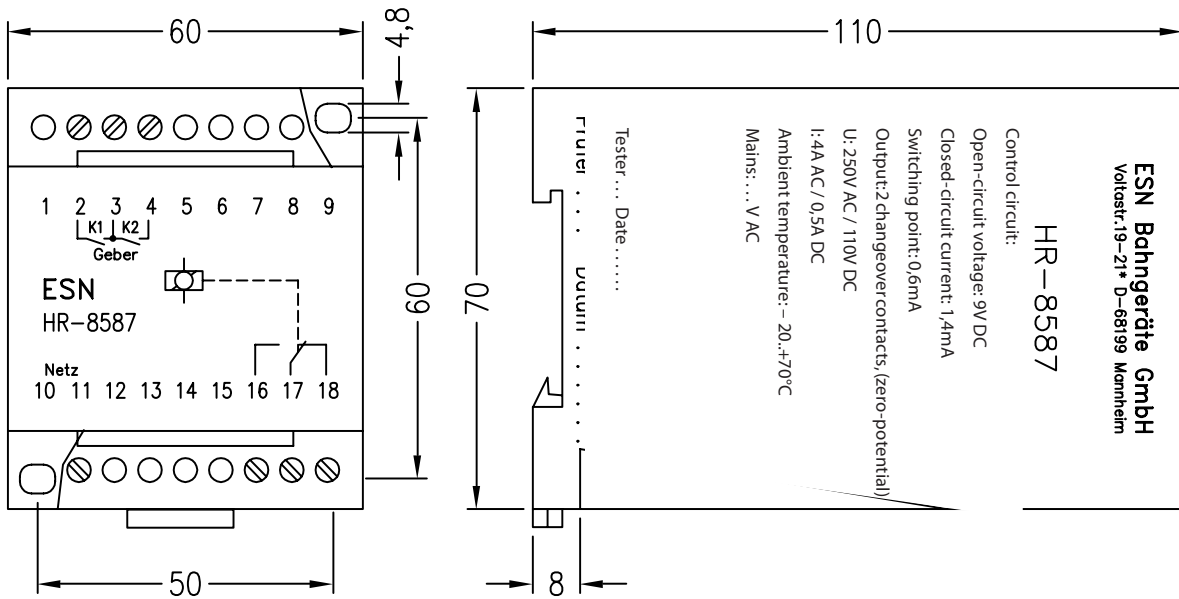
Technical data

Dimensions	W/H/D = 60/70/110 mm	
Housing	Polystyrol	
Mounting	2 bores per DIN 43604 or standard support rails per DIN EN 50022	
Protection class	Housing: IP 30; Terminals: IP 20	
Ambient temperature	-20°C to +70°C	
Supply voltage	AC 230 V, 115 V, 24 V DC 24 V	
Current consumption	approx. 1.5 VA	
Control circuit		
No-load voltage	≤ 10 V DC	
Short-circuit current	≤ 1.4 mA	
Switch point	approx. 0.6 mA	
Output	1 change-over contact (potential-free)	
	Voltage	Current
	AC 250 V	4.0 A
	DC 110 V	0.5 A
Switch state indication	LED	
Relay function "bi-stable"	switch position remains in place even during power failure	
Trigger behavior "dynamic"	minimum impulse duration 50 ms	
Accessories	Actuation module type 908101, order no. 320101	

Ordering Information

Type	Order No.
8587	320100

8587



Anschlußbeispiel
(bei Verwendung des Betätigungs-Bausteines HR-808101)

