

RELAY TERMINAL DESIGNATIONS ACCORDING TO DIN 72552

Terminal	Designation
15	Switch-controlled plus downstream from battery (from ignition switch)
15a	In-line resistor terminal leading to coil and starter
30	Line from battery positive terminal (direct)
30a	Series/parallel battery switch 12/24V Line from battery positive terminal II
31	Return line from battery negative terminal or ground (direct)
31b	Return line to battery negative terminal or ground via switch or relay (switch-controlled ground)
31a	Battery changeover relay 12/24 V Return line to Battery II negative pole
48	Terminal on starter and start-repeating relay for monitoring starting process
49 49a 49b	Flasher relay (pulse generator) Input Output Output to second flasher relay
50	Starter Starter control (direct)
50a	Battery switching relay Output for starter control
50b	Starter control Dual starters in parallel operation with sequential control
50c 50d	Starting relay for sequential control of engagement current for dual starters in parallel operation Starter I input at starter relay Starter II input at starter relay
50e 50f	Start-locking relay Input Output
50g 50h	Start repeating relay Input Output
52	Trailer signalling devices Supplementary signal transmission from trailer to towing vehicle
54	Trailer signalling equipment Trailer gladhand assembly and light combinations Stop lamps
81 81a 81b 82 82a 82b 82z 82y	Switches, NC contacts and changeover contacts Input First output on NC-contact side Second output on NC-contact side NO contacts Input First output Second output First input Second input Multiple position switch
83 83a 83b 83L	Input Output (Pos.1) Output (Pos. 2) Output (Pos. left)

Terminal	Designation
84 84a	Current relay Input: Actuator and relay contacts Output: Actuators
85 86 86a	Switching relay Output: Actuator (negative winding end or ground) Input: Actuator Start of winding Start of winding or first winding coil
87 87a 87b 87c 87z 87y	Relay contact for NC and changeovers contacts Input First output (NC-contact side) Second output Third output First input Second input
88	Relay contact for NO contact Input
88a 88b	Relay contact for NO contact and changeover contacts (NO side) First output Second output
88z 88y	Relay contact for NO contact First input Second input
B+ B- D+ D- DF DF1	Generator/alternator and voltage regulator Battery positive terminal Battery negative terminal Generator positive terminal Generator negative terminal Generator field winding Generator field winding 1
U, V, W	Alternator Three-phase terminals
C C0 C2 C3 L	Turn signals (turn signal flasher) Indicator lamp 1 Main terminal connection for indicator lamp not connected to turn-signal flasher Indicator lamp 2 Indicator lamp 3 (eg for dual trailer operations) Left-side turn signals

