

Document number: pe32.32-p-2050-97daa  
 Document title: Electrical function schematic for Airmatic

Code:	Designation:	Position:
1	Electronic level control button, status	9F
1	Electronic level control button, status	17F
10	Central reservoir filling valve, actuation	4H
11	Pressure sensor, signal	5G
12	Level control valve, actuation	3J
13	Vehicle level, signal	5F
14	Damper speed, signal	5F
15	Damping valve units, actuation	3F
16	AIRMATIC compressor, actuation	11E
16	AIRMATIC compressor, actuation	12C
17	AIRMATIC pressure reduction valve, actuation	11C
18	Body acceleration sensor, signal	6E
19	Wake-up, signal	9F
2	Comfort and Sport button, status	9F
2	Comfort and Sport button, status	17F
20	Battery, status	10F
20	Battery, status	16D
3	Warning and system messages, actuation	7J
4	Engine speed, signal	9G
5	Wheel speed, signal	7E
6	Braking torque, signal	8E
7	Steering angle, signal	7D
8	Brake light switch, signal	8D
9	Shift stage, status	8D
A1	Instrument cluster	7J
A9/1	AIRMATIC compressor	11A
A9/1y1	AIRMATIC pressure reduction valve	11B
B22/10	Right rear level sensor	2H
B22/7	Left rear level sensor	2G
B22/8	Left front level sensor	2H
B22/9	Right front level sensor	2H
B24/3	Left front body lateral acceleration sensor	3D
B24/4	Right front body lateral acceleration sensor	3D
B24/5	Left rear body lateral acceleration sensor	3D
CAN E	Chassis CAN	7H
CAN E	Chassis CAN	11F
CAN E	Chassis CAN	7D
CAN E	Chassis CAN	15D
CAN E	Chassis CAN	11G
K67	AIRMATIC relay	11E
LIN 1	Instrument panel LIN	18F
N10/1	Front SAM control unit with fuse and relay module	15E
N10/2	Rear SAM control unit with fuse and relay module	15A
N3/10	ME-SFI [ME] control unit	14H
N3/9	CDI control unit	11H
N30/4	Electronic Stability Program control unit	7A
N30/6	Regenerative braking system control unit	7A
N30/7	Premium Electronic Stability Program control unit	7A
N51/3	AIRMATIC control unit	7E
S77s1	Electronic level control button	20E
S77s2	Comfort and Sport button	20E
U74	Valid for diesel engines	10H
U75	Valid for gasoline engines	13H
U938	Valid for ESP Basic	6A
U939	Valid for ESP Premium	6A
U968	Valid for mild hybrid drive	6A
U984	Not valid for steel/air suspension	1K

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Y36/6	AIRMATIC valve unit	2J
Y36/6b1	AIRMATIC pressure sensor	2J
Y36/6y1	Left front level control valve	2K
Y36/6y2	Right front level control valve	2K
Y36/6y3	Left rear level control valve	2K
Y36/6y4	Right rear level valve	2L
Y36/6y5	AIRMATIC central reservoir filling valve	2L
Y51	Left front axle damping valve unit	2F
Y52	Right front axle damping valve unit	2F
Y53	Left rear axle damping valve unit	2F
Y54	Right rear axle damping valve unit	2F

