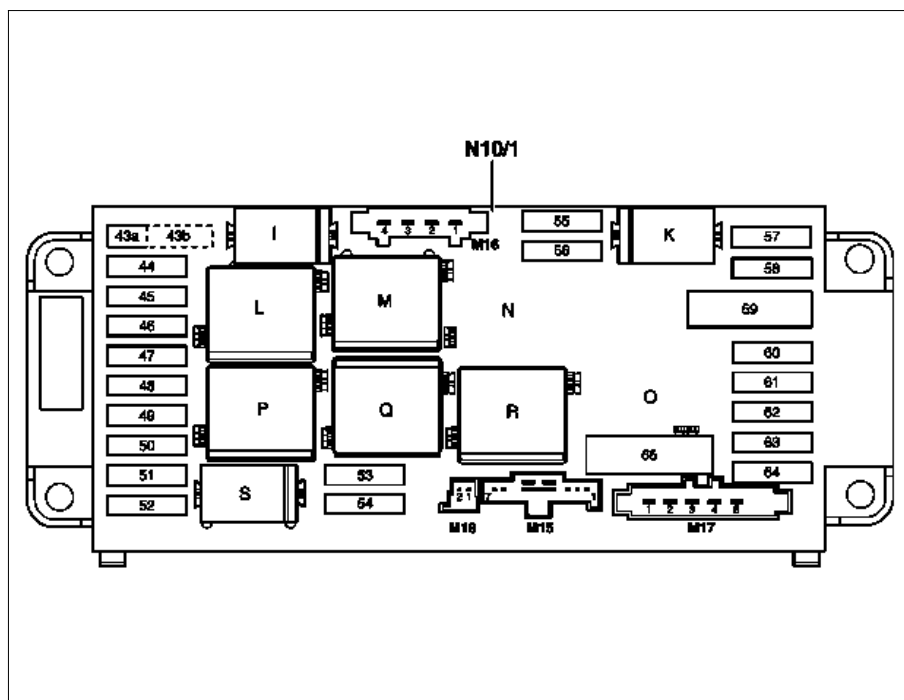


43a to 65 Socket

N10/1 Front SAM control unit with
fuse and relay module

I to S Relays



P54.15-2205-06

Bay	Fuse	Circuit	Plug cage	Fused line	Fused function	Rating in amperes (A)
43a	N10/1f43a	30	-	-	α Fanfare horn relay (N10/1kI)	15
43 B	N10/1f43b	15R	-	-	α Fanfare horn relay (N10/1kI)	15
44	N10/1f44	15R	23	BKYE 0.5 mm ²	Valid for code (855) TELE AID: α Telephone and TELE AID transmitter/receiver, D2B (A35/17)	5
				BKYE 0.5 mm ²	Valid for code (853) standard MB telephone: α Telephone transmitter and receiver unit, D2B (A35/13)	5
				BKYE 0.5 mm ²	Valid for code (386) Preinstallation for telephone "Handy", UPCI system: α Cell phone separation point (X39/37)	5
45	N10/1f45	15R	12, Pin 4	PKBK 0.75 mm ²	Fused via circuit 15R connector sleeve, sidebag (Z3/31): α Restraint systems control unit (/)N2/7	7.5
46	N10/1f46	15	-	-	α Wiper ON/OFF relay (N10/1kQ) α Wiper speed 1 and 2 relay (N10/1kL)	40
47	N10/1f47	15R	19, Pin 6	BKYE 0.75 mm ²	α Glove compartment illumination with switch (E13/2)	15
			19, Pin 6	BKYE 1.0 mm ²	α Front cigar lighter (with illumination) (R3)	15
48	N10/1f48	15	3, Pin 1	BKGN 1.0 mm ²	Valid for engine 612.990 (up to 31.3.04): α Brake booster vacuum pump control unit (N65/3)	15
			17, Pin 3	BKYE 1.5 mm ²	Valid for engine 112 and engine 113: α Circuit 15 connector sleeve (fused) (Z3/29z1)	15
			17, Pin 3	RDBK 1.5 mm ²	Valid for engine 646, with code (926) Low emission EURO4 or code (494) USA version (up to 31.3.04): α Circuit 30 connector sleeve (Z7)	15
			17, Pin 3	RDBK 1.5 mm ²	Valid for engine 646 (as of 1.4.04): α O2 sensor upstream of TWC [KAT] connector (G3/2x1)	15
49	N10/1f49	15	12, Pin 3	BKRD 0.5 mm ²	α Restraint systems control unit (/)N2/7	7.5
50	N10/1f50	15	19, Pin 4	BKGN 0.5 mm ²	α Light switch module (S1)	5
			14, Pin 1	PKRD 0.5 mm ²	Valid for engine 612.990 α Glow output stage (N14/2) (up to 31.3.04) α Hot film mass air flow sensor (B2/5) (1.4.04 up to 30.11.04)	5
51	N10/1f51	15	2, Pin 6	BKWH 0.75 mm ²	α AAC with integrated control additional fan motor (M4/7)	7.5

			2, Pin 6	GNRD 0.75 mm ²	Valid for AMG vehicles: α Charge air cooler circulation pump (M44) Valid for code (581) comfort automatic air conditioning: Via cockpit/climate sensors connector (X85/9): α C-AAC [K-KLA] multifunction sensor (B31) α C-AAC [K-KLA] sun sensor (4 in total) (B32/2) α Left front lamp unit (E1) α Right front lamp unit (E2) Valid for model 203.0 (up to 31.7.01): α SPS [PML] control unit (N49/1)	7.5
			19, Pin 8	BKBN 0.5 mm ²		7.5
			24, Pin 1	BKPK 0.75 mm ²		7.5
			24, Pin 1	BKPK 0.75 mm ²		7.5
52	N10/1f52	50	17, Pin 1	VT 2.5 mm ²	α Starter (M1)	15
53	N10/1f53	87	-	-	Valid for diesel engines: α Starter relay (N10/1kS) α Rear SAM control unit with fuse and relay module (/)N10/2 Valid for gasoline engines: α Starter relay (N10/1kS) α Rear SAM control unit with fuse and relay module (/)N10/2 Valid for engine 111: α ME-SFI [ME] control unit (/)N3/10 Valid for engine 112/113: α ME-SFI [ME] control unit (/)N3/10 α Circuit 87M1e connector sleeve (Z7/35z1) Valid for engine 271/272: α ME-SFI [ME] control unit (/)N3/10 Valid for engine 611/612/642/646: α CDI control unit (N3/9)	25
			13, Pin 3	VTBU 0.5 mm ²		15
			13, Pin 3	VTBU 0.5 mm ²		15
			2, Pin 9	RDBU 1.5 mm ²		15
			2, Pin 9 17, Pin 2	RDBU 0.75 mm ² RDBU 1.5 mm ²		15
			2, Pin 9 3, Pin 8	RDBU 1.5 mm ² RDBU 1.5 mm ²		15
			2, Pin 9 3, Pin 8	RDBU 2.5 mm ² RDBU 2.5 mm ²		25
54	N10/1f54	87	2, pin 2 2, pin 2	BKRD 1.5 mm ² BKRD 1.0 mm ²	Valid for engine 271.940: α ME-SFI [ME] control unit (/)N3/10 α Purge control valve (Y58/1) (except code (494) USA version) α Activated charcoal canister shutoff valve (Y58/4) Valid for engine 271.942: α NOX (nitrogen oxides) control unit (N37/4) Valid for engines 611/612 α CDI control unit (N3/9) Valid for engine 642/646: α CDI control unit (N3/9) Valid for engine 642/646: α Circuit 30 connector sleeve (Z4/3) Valid for engine 611/612 (up to 30.11.04): α Vent line heater element (/)R39/1	15
			17, Pin 4	BKPK 1.0 mm ²		15
			17, Pin 4	BKRD 1.0 mm ²		15
			2, pin 2	BKRD 2.5 mm ²		7.5
			2, pin 2	BKRD 2.5 mm ²		15
			17, Pin 4	RDGN 2.5 mm ²		15
			17, Pin 4	BKRD 1.0 mm ²		7.5
55	N10/1f55	87	7, Pin 5 21, Pin 1	RDGN 0.5 mm ² RDBN 0.75 mm ²	α Steering angle sensor (N49) Valid for code (219) Distronic (DTR): α DTR control unit (/)N63/1 Valid for transmission 722: α ETC [EGS] control unit (N15/3) (up to 31.5.04) α Electronic selector lever module control unit (/)N15/5 α Electric controller unit (VGS) (Y3/8) Valid for transmission 716: α Gear recognition switch (S16/10) α Automated manual transmission control unit (/)N15/6	7.5
			9, Pin 1 9, Pin 3	RDWH 0.75 mm ² RDBU 0.75 mm ²		7.5
			9, Pin 1	RDWH 1.0 mm ²		7.5
			9, Pin 3 9, Pin 1	RDBU 0.75 mm ² RDWH 1.0 mm ²		7.5
56	N10/1f56	87	7, Pin 3 7, Pin 4	RDBU 0.75 mm ² RDYE 0.5 mm ²	α ESP and BAS control unit (N47-5) α Stop light switch (S9/1)	5
57	N10/1f57	30z	19, Pin 1	RDBK 0.5 mm ² RDBU 0.5 mm ²	α Steering angle sensor (N49) (up to 31.5.02) α EIS [EZS] control unit (N73) α Steering column module (N80) (as of 1.6.02) Valid for engine 112/113: α ME-SFI [ME] control unit (/)N3/10	5
			2, Pin 4	RD 0.75 mm ²		5
58	N10/1f58	30	9, Pin 5	RDYE 2.5 mm ²	Valid for transmission 716: α SEQ hydraulic pump (M46)	40
59	N10/1f59	30	8, Pin 2	RD 4.0 mm ²	α ESP and BAS control unit (N47-5)	50
60	N10/1f60	30	8, Pin 1	RD 2.5 mm ²	α ESP and BAS control unit (N47-5)	40
61	N10/1f61	30	9, Pin 6	RDGN 2.5 mm ²	Valid for transmission 716: α Automated manual transmission control unit (/)N15/6	15

62	N10/1f62	30	2, Pin 11 19, Pin 2 7, pin 7	RDGN 0.75 mm ² RDYE 0.5 mm ² RDYE 0.5 mm ²	α Data link connector (/)X11/4 α Light switch module (S1) α Stop light switch (S9/1)	5
63	N10/1f63	30	19, Pin 5	RDGN 0.5 mm ²	α Light switch module (S1)	5
64	N10/1f64	30	11, Pin 2	RDBU 2.5 mm ²	Valid for code (498) Japan version with code (523) MB Audio 20 radio or code (529) HIGH Class Japan: α Radio (A2) α COMAND operating, display and control unit (/)A40/3	10
			11, Pin 2	RDBU 1.5 mm ²	Valid for code (523) MB Audio 20 radio, code (525) MB Audio 50 APS radio or code (527) COMAND APS (with navigation): α Radio (A2) α Radio and navigation unit (A2/56) α COMAND operating, display and control unit (/)A40/3	10
65	N10/1f65	15	17, Pin 5	RDWH 4.0 mm ²	Valid for engine 112/113: α Electric air pump (M33)	40