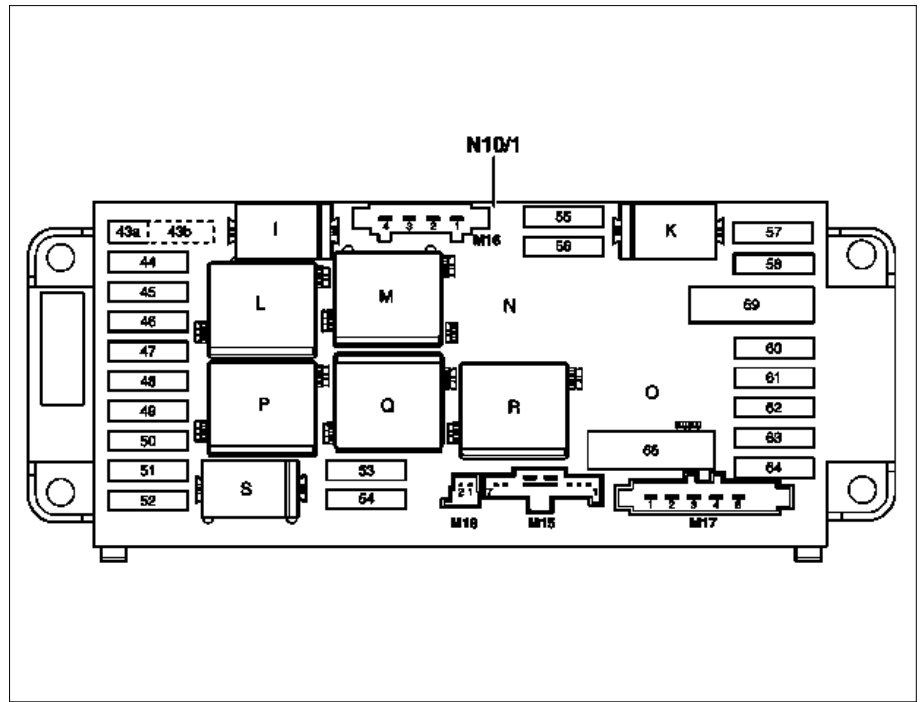


43a to 65 Socket

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	-	-	<ul style="list-style-type: none"> Fanfare horn relay (N10/1kl) 	15
43 B	N10/1f43b	15R	-	-	<ul style="list-style-type: none"> Fanfare horn relay (N10/1kl) 	15
44	N10/1f44	15R	23	BKYE 0.5 mm ² BKYE 0.5 mm ² BKYE 0.5 mm ²	Valid for code (855) TELE AID: <ul style="list-style-type: none"> Telephone and TELE AID transmitter/receiver, D2B (A35/17) Valid for code (853) standard MB telephone: <ul style="list-style-type: none"> Telephone transmitter and receiver unit, D2B (A35/13) Valid for code (386) Preinstallation for telephone "Handy", UPCI system: <ul style="list-style-type: none"> Cell phone separation point (X39/37) 	5 5 5
45	N10/1f45	15R	12, Pin 4	PKBK 0.75 mm ²	Fused via circuit 15R connector sleeve, sidebag (Z3/31): <ul style="list-style-type: none"> Restraint systems control unit (/)N2/7 	7.5
46	N10/1f46	15	-	-	<ul style="list-style-type: none"> Wiper ON/OFF relay (N10/1kQ) Wiper speed 1 and 2 relay (N10/1kL) 	40
47	N10/1f47	15R	19, Pin 6	BKYE 0.75 mm ²	<ul style="list-style-type: none"> Glove compartment illumination with switch (E13/2) 	15
48	N10/1f48	15	3, Pin 1	BKGN 1.0 mm ²	Valid for engine 612.990 (up to 31.3.04): <ul style="list-style-type: none"> Brake booster vacuum pump control unit (N65/3) 	15
			17, Pin 3	BKYE 1.5 mm ²	Valid for engine 112 and engine 113: <ul style="list-style-type: none"> 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): <ul style="list-style-type: none"> Circuit 30 connector sleeve (Z7) 	15
			17, Pin 3	RDBK 1.5 mm ²	Valid for engine 646 (as of 1.4.04): <ul style="list-style-type: none"> O2 sensor upstream of TWC [KAT] connector (G3/2x1) 	15
49	N10/1f49	15	12, Pin 3	BKRD 0.5 mm ²	<ul style="list-style-type: none"> Restraint systems control unit (/)N2/7 	7.5
50	N10/1f50	15	19, Pin 4	BKGN 0.5 mm ²	<ul style="list-style-type: none"> Light switch module (S1) 	5
			14, Pin 1	PKRD 0.5 mm ²	Valid for engine 612.990 <ul style="list-style-type: none"> Glow output stage (N14/2) (up to 31.3.04) 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	<ul style="list-style-type: none"> AAC with integrated control additional fan motor (M4/7) 	7.5
			19, Pin 8	BKBN 0.5 mm ²	<ul style="list-style-type: none"> Instrument cluster (A1) 	7.5

			2, Pin 6	GNRD 0.75 mm ²	Valid for AMG vehicles: ● Charge air cooler circulation pump (M44)	7.5
			19, Pin 8	BKBN 0.5 mm ²	Valid for code (581) comfort automatic air conditioning: Via cockpit/climate sensors connector (X85/9): ● C-AAC [K-KLA] multifunction sensor (B31)	7.5
			24, Pin 1	BKPK 0.75 mm ²	● C-AAC [K-KLA] sun sensor (4 in total) (B32/2) ● Left front lamp unit (E1) ● Right front lamp unit (E2)	7.5
			24, Pin 1	BKPK 0.75 mm ²	Valid for model 203.0 (up to 31.7.01): ● SPS [PML] control unit (N49/1)	7.5
52	N10/1f52	50	17, Pin 1	VT 2.5 mm ²	● Starter (M1)	15
53	N10/1f53	87	-	-	Valid for diesel engines: ● Starter relay (N10/1kS) ● Rear SAM control unit with fuse and relay module (/)N10/2	25
			13, Pin 3	VTBU 0.5 mm ²		
			-	-	Valid for gasoline engines: ● Starter relay (N10/1kS) ● Rear SAM control unit with fuse and relay module (/)N10/2	15
			13, Pin 3	VTBU 0.5 mm ²		
			2, Pin 9	RDBU 1.5 mm ²	Valid for engine 111: ● ME-SFI [ME] control unit (/)N3/10	15
			2, Pin 9 17, Pin 2	RDBU 0.75 mm ² RDBU 1.5 mm ²	Valid for engine 112/113: ● ME-SFI [ME] control unit (/)N3/10 ● Circuit 87M1e connector sleeve (Z7/35z1)	15
			2, Pin 9 3, Pin 8	RDBU 1.5 mm ² RDBU 1.5 mm ²	Valid for engine 271/272: ● ME-SFI [ME] control unit (/)N3/10	15
			2, Pin 9 3, Pin 8	RDBU 2.5 mm ² RDBU 2.5 mm ²	Valid for engine 611/612/642/646: ● CDI control unit (N3/9)	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: ● ME-SFI [ME] control unit (/)N3/10 ● Purge control valve (Y58/1) (except code (494) USA version) ● Activated charcoal canister shutoff valve (Y58/4)	15
			17, Pin 4	BKPK 1.0 mm ²		
			17, Pin 4	BKRD 1.0 mm ²	Valid for engine 271.942: ● NOX (nitrogen oxides) control unit (N37/4)	15
			2, pin 2	BKRD 2.5 mm ²	Valid for engines 611/612 ● CDI control unit (N3/9)	7.5
			2, pin 2	BKRD 2.5 mm ²	Valid for engine 642/646: ● CDI control unit (N3/9)	15
			17, Pin 4	RDGN 2.5 mm ²	Valid for engine 642/646: ● Circuit 30 connector sleeve (Z4/3)	15
			17, Pin 4	BKRD 1.0 mm ²	Valid for engine 611/612 (up to 30.11.04): ● Vent line heater element (/)R39/1	7.5
55	N10/1f55	87	7, Pin 5 21, Pin 1	RDGN 0.5 mm ² RDBN 0.75 mm ²	● Steering angle sensor (N49)	7.5
			9, Pin 1 9, Pin 3	RDWH 0.75 mm ² RDBU 0.75 mm ²	Valid for code (219) Distronic (DTR): ● DTR control unit (/)N63/1	7.5
			9, Pin 1	RDWH 1.0 mm ²	Valid for transmission 722: ● ETC [EGS] control unit (N15/3) (up to 31.5.04) ● Electronic selector lever module control unit (/)N15/5 ● Electric controller unit (VGS) (Y3/8)	7.5
			9, Pin 3 9, Pin 1	RDBU 0.75 mm ² RDWH 1.0 mm ²	Valid for transmission 716: ● Gear recognition switch (S16/10) ● Automated manual transmission control unit (/)N15/6	7.5
56	N10/1f56	87	7, Pin 3 7, Pin 4	RDBU 0.75 mm ² RDYE 0.5 mm ²	● ESP and BAS control unit (N47-5) ● Stop light switch (S9/1)	5
57	N10/1f57	30z	19, Pin 1	RDBK 0.5 mm ² RDBU 0.5 mm ²	● Steering angle sensor (N49) (up to 31.5.02) ● EIS [EZS] control unit (N73) ● Steering column module (N80) (as of 1.6.02)	5
			2, Pin 4	RD 0.75 mm ²	Valid for engine 112/113: ● ME-SFI [ME] control unit (/)N3/10	5
58	N10/1f58	30	9, Pin 5	RDYE 2.5 mm ²	Valid for transmission 716: ● SEQ hydraulic pump (M46)	40
59	N10/1f59	30	8, Pin 2	RD 4.0 mm ²	● ESP and BAS control unit (N47-5)	50
60	N10/1f60	30	8, Pin 1	RD 2.5 mm ²	● ESP and BAS control unit (N47-5)	40
61	N10/1f61	30	9, Pin 6	RDGN 2.5 mm ²	Valid for transmission 716: ● 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	<ul style="list-style-type: none"> ● Data link connector (/)X11/4 ● Light switch module (S1) ● Stop light switch (S9/1) 	5
63	N10/1f63	30	19, Pin 5	RDGN 0.5 mm ²	<ul style="list-style-type: none"> ● Light switch module (S1) 	5
64	N10/1f64	30	11, Pin 2	RDBU 2.5 mm ²	<p>Valid for code (498) Japan version with code (523) MB Audio 20 radio or code (529) HIGH Class Japan:</p> <ul style="list-style-type: none"> ● Radio (A2) ● COMAND operating, display and control unit (/)A40/3 <p>Valid for code (523) MB Audio 20 radio, code (525) MB Audio 50 APS radio or code (527) COMAND APS (with navigation):</p> <ul style="list-style-type: none"> ● Radio (A2) ● Radio and navigation unit (A2/56) ● COMAND operating, display and control unit (/)A40/3 	10
			11, Pin 2	RDBU 1.5 mm ²	<ul style="list-style-type: none"> ● Radio (A2) ● Radio and navigation unit (A2/56) ● COMAND operating, display and control unit (/)A40/3 	10
65	N10/1f65	15	17, Pin 5	RDWH 4.0 mm ²	<p>Valid for engine 112/113:</p> <ul style="list-style-type: none"> ● Electric air pump (M33) 	40