

Fuse Box in the Engine Bay - Front SAM Control Unit - N10/1

RELAYS

Relay	Purpose
A	Air Pump Relay
B	Air Suspension Compressor Relay
C	Engine terminal 87
D	Relay 15 -terminal
R	Terminal 87 relay
F	Horn Relay
G	15R Relay
H	Starter - Circuit 50 relay
J	Starter - Circuit 15
K	Wiper park heater relay

FUSES

FUSE	AMERE RATING	PURPOSE
F20	10	Control Unit N3/9 or N3/10
F21	20	Circuit 87 - Fuel Pump Relay
F22	15	Connector sleeve
F23	20	Rear SAM Control Unit Fuse Box
F24	25	CDI Control Unit N3/9
F25	7.5	Instrument Cluster - Dashboard
F26	10	Left headlight - lamp unit
F27	10	Right Headlight - lamp unit
F28	7.5	EGS Unit Transmission control unit.
F29	5	Rear fuse box and relay module Rear SAM N10/2
F30	7.5	Fusel System Control Unit , Engine Control Unit N3/9 N3/10 N118
F31	5	Refrigerant Compressor
F32	15	Transmission oil pump control unit N89
F33	5	ESP Control Unit, Battery Management, Power Electronics
F34	5	Braking System N30/6
F35	5	Electric parking brake -A13
F36	10	Data link connector - 16 PinX11/4
F37	7.5	EIS Control Unit N73
F38	7.5	CGW Central Gateway control unit, Audio, Sound

MercedesMedic.com

F39	7.5	Instrument cluster
F40	7.5	Upper control panel N72/1
F41	30	Wiper motor M6/7
F42	30	Master wiper motor M6/6
F43	15	Front cigar lighter with ashtray illumination
F44	-	Unused
F45	5	Power electronics pump M13/8
F46	15	ABC Control Unit N51/2 or AIRMATIC N51
F47	15	Steering column adjustment motor up or down
F48	15	Steering column adjustment motor in / out
F49	10	Steering column N80
F50	15	AAC Unit N22/1
F51	5	COMAND Display
F52A	15	Horns
F52B	15	Horns
F53	-	Unused
F54	40	Air Recirculation AC
F55	60	Electric Air Pump
F56	40	AirMatic Compressor Pump A9/1
F57	30	Wiper Heater R2/10
F60	5	Power Steering A91-1
F61	7.5	SRS Airbag Restraint System N2/7
F62	5	Night View Assist N101
F63	15	Fuel Filter Sensor B76/1
F64	10	NECK PRO Head Restraint Solenoids Y24/12 - Driver, Y24/13-Passenger
F65	15	Outlet in glove box
F66	7.5	DTR Unit A89

Fuses in the right side of the dash F1/6

Fuse Number	Ampere Rating	Designation
F70	40	Door Control Unit - Right N69/2
F71	15	Keyless Go Control Unit N69/5
F72	7.5	Pyrotechnical Separator K88
F73	5	Emergency Call System Control Unit
F74	30	TLC Control Unit
F75	10	Battery Management
F76	15	Vacuum pump relay

F77	50	Sound Amplifier A2/13
F78	25	AdBlue Relay/ Additional Fan/ Charge Air Cooler Circulation Pump
F79	7.5	Alarm H3/1
F80	40	Door Control Unit - Left Door N69/1
F81	30	Rear control unit CL model Rear door control unit S Class
F82	30	Rear door control unit
F83	30	Intellignet Servo Unit. Direct Select
F84	20	Sound Proceeding Unit A2/69
F85	10	Illumination for Door Sills
F86	-	Not used
F87	-	Not used
F88	-	Not used
F89	-	Not used
F90	20	Heater unit
F91	5	Front SAM unit

Fuses in the Left side of dash F1/7

Side of dash. Left side. Driver Side

Fuse Number	Ampere Rating	Designation
F92	40	Left front seat N32/1
F93	7.5	Weight sensing system N2/13
F94	5	Camera
F95	-	Spare
F96	5	TPM RDK Unit N88
F97	7.5	DVD Player
F98	-	Spare
F99	7.5	COMAND
F100	5	Media Interface N125/1
F101	10	Rear Displays Left A40/5 RightA40/6
F102	40	Right front seat N32/2
F103	7.5	ESP Electronic Stability Program
F104	40	Audio Radio Tuner
F105	-	Not used
F106	5	Navigation / TV Tuner/ Toll Collection
F107	5	HD Tuner N87/8, Audio

		Broadcsting N87/3, SDAR Sirius Unit
F108	5	Rear A/C N22/4
F109	15	Rear Air conditioner blower motor N29/2
F110	7.5	Rear Back rest control Unit N32/20 N32/21
F111	5	RCP Control Unit N72/2
F112	5	Fuse box, Front SAM
F113	5	DC Converter
F114	-	Not used

- Prefuse Box Hidden behind the dash, passenger side. P32/4

Fuse Location	Ampere Rating	Purpose
F3	150	Rear SAM control unit N10/2
F4	150	Heated Windshield, DC Converter, ECO start/stop function
F5	40	Vacum Pump
F6	80	Right dashboard fuse box F1/6
F7	150	Heater booster R22/3
F8	80	Front SAM module N10/1
F9	80	Left dashboard fuse box F1/7
F10	150	Rear SAM N10/2

Fuses in trunk - Rear Sam Control Unit - N10/2

Fuse	Ampere Rating	Designation
F115	50	Rear window heater
F116	10	Power electronic pump
F117	15	Rear cigar outlet
F117	30	Fuel Pump
F118	15	AC Compressor/ Power electronics pump/ fuel pump
F119	7.5	Front central unit A40/9
F120	-	Not used
F121	10	Audio radio tuner
F122	7.5	COMAND A40/3
F123	40	Emergency tension retractor - Right front A76/1
F124	40	Emergency tensioner retractor - left front A76

MercedesMedic.com

F125	5	Voice Control VCS N41/3
F126	25	Overhead control panel N70
F127	30	Pneumatic pump seat control M40/1, Seat pneumatic pump M40, Lumbar pmp M25/1
F128	25	Fuel pump N118
F129	25	Universal portable cell phone control unit UPCI N123/1
F130	30	Parking brake - Electric A13
F131	7.5	Rear window antenna amplifier A2/12
F133	5	Rear camera B84/3
F134	15	Rear trunk outlet socket X58/12
F135	7.5	Radar sensor / parktronic PTS N62
F136	7.5	AdBlue N118/5
F137	7.5	Rear Camera B84/3
F138	5	TV/ tuner / emergency call / navigator
F139	15	Rear back rest refrigerator A39/1
F140	15	120 outlet socket, rear cigarete lighter outlet
F141	5	Rear camera N66/2
F142	7.5	Video and radar sensor N62
F143	25	Rear seat N25/6
F144	25	Rear seat N25/6
F145	20	Rear trailer hitch socket - 13 pin type - X58
F146	25	Trailer N28/1
F147	-	Spare
F148	25	Panoramic sliding sunroof
F149	25	Panoramic sliding sunroof A98
F150	7.5	TV Tuner
F151	20	Trailer
F152	25	AC Converter from DC N24/3
F153	-	Not used

Relays in trunk - Rear Sam Control Unit - N10/2

Relay	Purpose of relay
M	Circuit 15 N10/2
N	Terminal 15R
O	Power outlet relay
R	Cigar lighter relay
S	Fuel Pump

--	--