

Document number: pe54.21-p-2106-97daJ

Document title: Wiring diagram of front SAM control unit with fuse and relay module (N10/1)

Code:	Designation:	Position:
A0	Color code key	64A
A1	Instrument cluster	37L
A9/5	Electric refrigerant compressor	62L
B7/6/1	Condensation sensor for fuel filter with heating element	41L
B7/6/1	Condensation sensor for fuel filter with heating element	48L
CAN B	Interior CAN	36K
CAN B	Interior CAN	13K
CAN E	Chassis CAN	9K
CAN E1	Chassis CAN 1	9K
Code 340	Frontal display accessory (head-up display)	32G
Code 4U7	Start/stop voltage dip protection	1G
Code 71o	Heated fuel filter retrofit	43G
Code 71o	Heated fuel filter retrofit	45A
Code B03	ECO start/stop function	1G
Code ME04	Hybrid drive 20 KW VARIANT	1H
F32	Front electrical prefuse box	1H
F32f154	Prefuse 154	5L
F32f156	Prefuse 156	2K
F32f157	Prefuse 157	3K
F32f162	Prefuse 162	2K
N10/1	Front SAM control unit with fuse and relay module	3K
N10/1	Front SAM control unit with fuse and relay module	4A
N10/1	Front SAM control unit with fuse and relay module	12A
N10/1	Front SAM control unit with fuse and relay module	20A
N10/1	Front SAM control unit with fuse and relay module	28A
N10/1	Front SAM control unit with fuse and relay module	36A
N10/1	Front SAM control unit with fuse and relay module	44A
N10/1	Front SAM control unit with fuse and relay module	52A
N10/1	Front SAM control unit with fuse and relay module	59A
N10/1f16	Fuse 16	56A
N10/1f28	Fuse 28	38A
N10/1f4	Fuse 4	47A
N10/1f5	Fuse 5	16A
N10/2	Rear SAM control unit with fuse and relay module	17L
N118	Fuel pump control unit	51L
N15/5	Electronic selector lever module control unit	58L
N150	DIRECT SELECT INTERFACE	55L
N30/4	Electronic Stability Program control unit	21L
N30/7	Premium Electronic Stability Program control unit	21L
N3/7	Control unit of condensation sensor for fuel filter with heating element	44L

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Code:	Designation:	Position:
U1028	Valid for engine 157	49G
U115	Valid for networked exterior lights switch	38G
U165	Valid for AMG	53G
U209	Valid without code (340) Frontal display accessory (head-up display)	30G
U240	Valid for all except ECO start/stop function	1G
U458	Not valid for fuel filter module retrofit	40G
U458	Not valid for fuel filter module retrofit	45A
U527	Valid for electronic transmission control	57G
U880	Valid for diesel engine 642	46G
U938	Valid for ESP Basic	19G
U939	Valid for ESP Premium	19G
U948	Valid for diesel engine 651	39G
U948	Valid for diesel engine 651	42G
U968	Valid for mild hybrid drive	60G
U986	Not valid for AMG	57G
X18/7	Vehicle interior and engine compartment electrical connector	62H
X255	Instrument cluster and head-up display electrical connector	33H
X26	Interior and engine wiring harness electrical connector	41H
X26	Interior and engine wiring harness electrical connector	45H
X30/30	Vehicle floor chassis CAN voltage distributor electrical connector	47H
X30/32	Left vehicle floor interior CAN voltage distributor electrical connector	9L
		13L
Z100/30z1	Power supply connector sleeve for control unit of condensation sensor for fuel filter with heating element	43H
Z37/6z2	CAN bus high connector sleeve	28H
Z37/7z2	CAN bus low connector sleeve	29H



