

Document number: pe83.40-p-2101-97dae

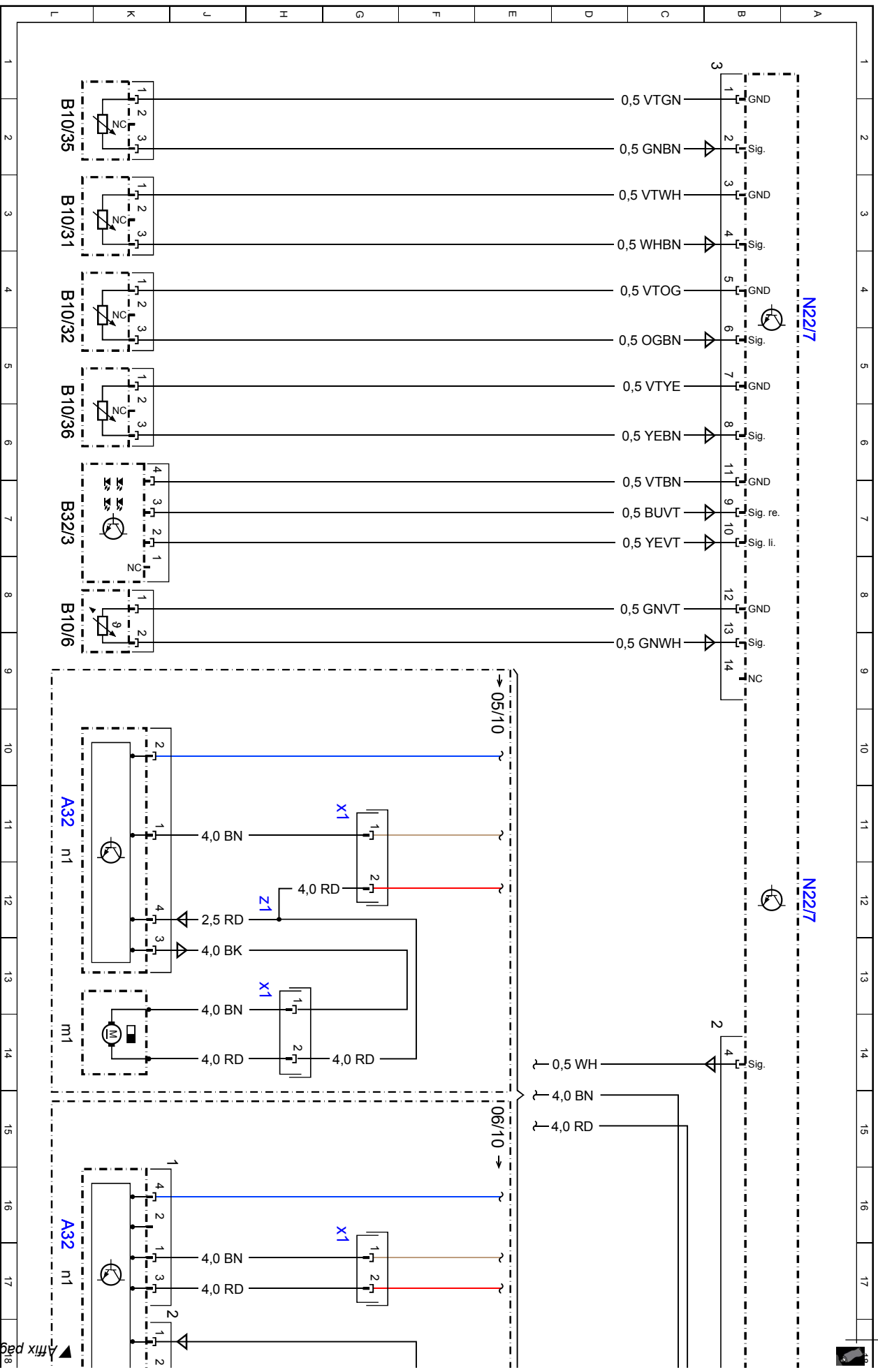
Document title: Wiring diagram of automatic air conditioning (AAC) control unit

Code:	Designation:	Position:
A0	Color code key	64L
A32	AC housing	11L
A32	AC housing	16L
A32m1	Blower motor	14L
A32m1	Blower motor	19L
A32m1x1	Blower motor electrical connector	13H
A32n1	Blower regulator	11L
A32n1	Blower regulator	17L
A32x1	Air conditioner housing electrical connector	11G
A32x1	Air conditioner housing electrical connector	16G
A32z1	Air conditioner housing connector sleeve	12H
B10/31	Left side air outlet temperature sensor	3L
B10/32	Right side air outlet temperature sensor	4L
B10/35	Left front footwell air outlet temperature sensor	2L
B10/36	Right front footwell air outlet temperature sensor	5L
B10/6	Evaporator temperature sensor	8L
B11/12	Dew point sensor	39L
B32/3	Sun sensor	7L
Code 4U7	Start/stop voltage dip protection	26G
Code B03	ECO start/stop function	26G
Code ME04	Hybrid drive 20 KW VARIANT	26G
F32	Front electrical prefuse box	31L
F32f155	Prefuse 155	31K
F32f158	Prefuse 158	28K
F32f160	Prefuse 160	28K
LIN B8	Climate control LIN	50B
M2/10	Left footwell flap actuator motor	56L
M2/11	Right footwell flap actuator motor	49L
M2/12	Left center air outlet flap actuator motor	53L
M2/13	Right center air outlet flap actuator motor	51L
M2/21	Diffuse flap actuator motor	62L
M2/34	Ram air flap actuator motor	43L
M2/35	Rear blend air flap actuator motor	54L
M2/5	Fresh air/air recirculation flap actuator motor	41L
M2/6	Left blending air flap actuator	60L
M2/7	Right blending air flap actuator	45L
M2/8	Left defroster vent flap actuator motor	58L
M2/9	Right defroster vent flap actuator motor	47L
N10/1	Front SAM control unit with fuse and relay module	24L

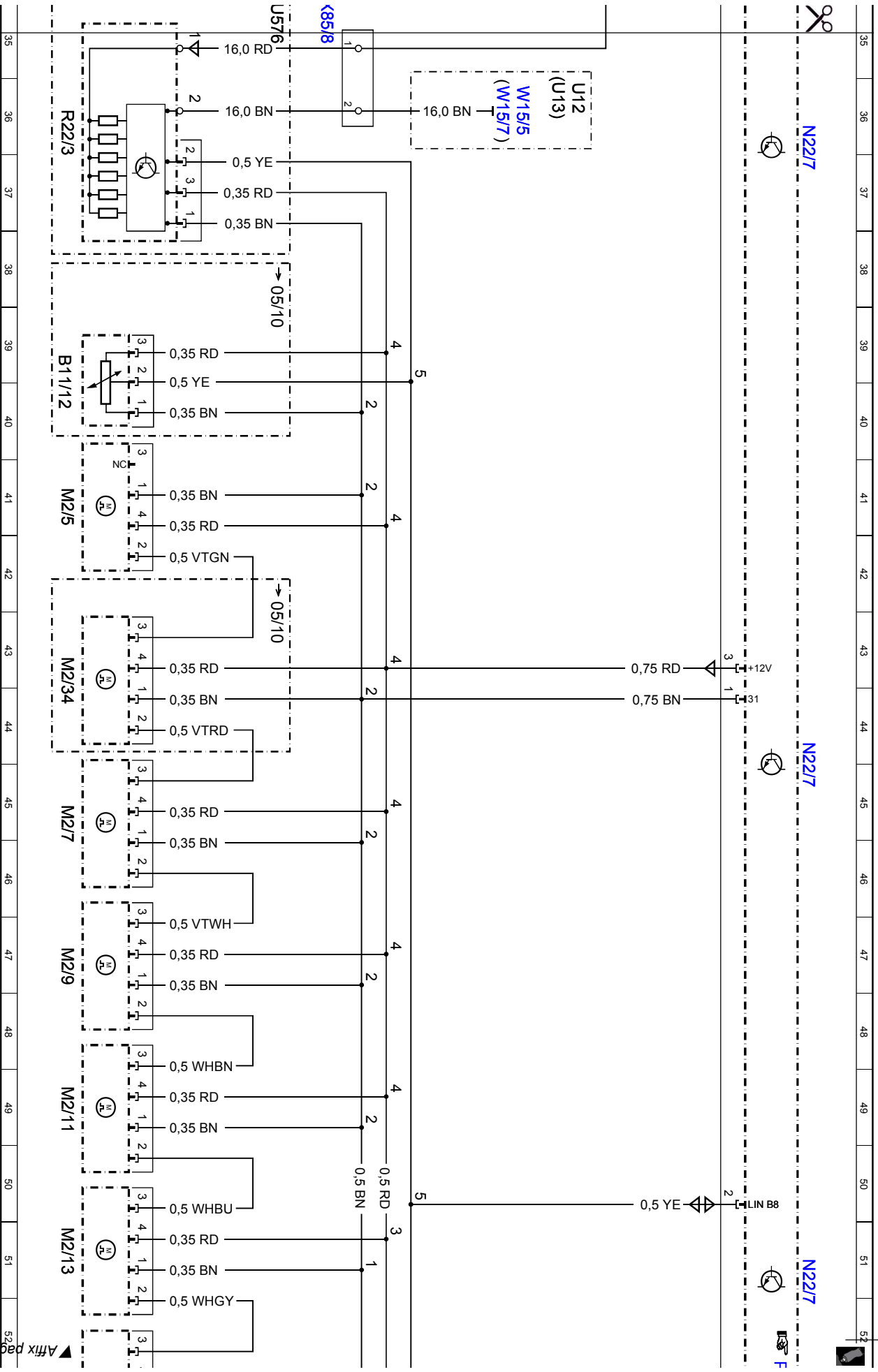
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Code:	Designation:	Position:
N10/1f1	Fuse 1	23L
N22/7	Automatic air conditioning control and operating unit	36A
N22/7	Automatic air conditioning control and operating unit	4A
N22/7	Automatic air conditioning control and operating unit	12A
N22/7	Automatic air conditioning control and operating unit	20A
N22/7	Automatic air conditioning control and operating unit	44A
N22/7	Automatic air conditioning control and operating unit	51A
N22/7	Automatic air conditioning control and operating unit	29A
R22/3	PTC heater booster	36L
U12	Valid for left-hand drive vehicles	36D
U12	Valid for left-hand drive vehicles	20G
U12	Valid for left-hand drive vehicles	26F
U13	Valid for right-hand drive vehicles	35D
U13	Valid for right-hand drive vehicles	20G
U13	Valid for right-hand drive vehicles	22F
U240	Valid for all except ECO start/stop function	26G
U576	Valid for heater booster	35H
W15/5	Left front footwell ground point	36E
W15/5	Left front footwell ground point	21L
W15/7	Right front footwell ground point	36E
W15/7	Right front footwell ground point	21L
X18	Vehicle interior and harness for tailamp electrical connector	21E
X85/8	PTC heater booster electrical connector	35H



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