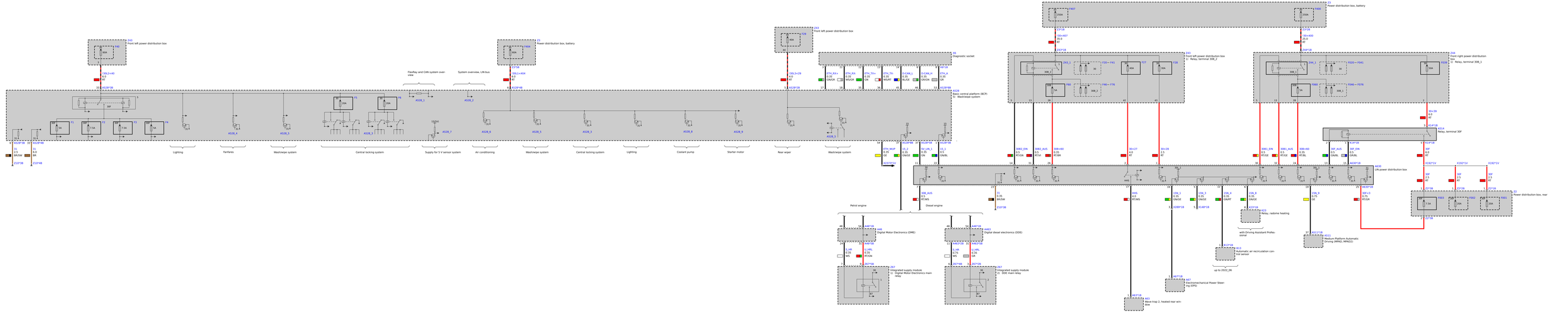
J243
Front left power distribution box
F40
60A
130L2=40
6.0
RT
A528*9B
30F
F1
5A
F2
7.5A
F3
7.5A
F4
5A
X1
2.5
BK/SW
Z10*3B
X2
6.0
GR
Z10*3B
Z3*4B
Lighting
F14.4
Fanfares
F14.5
A528_4
Wash/wipe system
F14.6
A528_5
F5
20A
F6
20A
Central locking system
F14.7
A528_1
A528_2
A528_7
Supply for 5 V sensor system
F14.8
A528_6
Air conditioning
F14.9
A528_5
Wash/wipe system
F14.10
A528_3
Central locking system
F14.11
A528_8
Lighting
F14.12
A528_9
Coolant pump
F14.13
A528_5
Starter motor
F14.14
A528_5
Rear wiper
F14.15
A528_5
Wash/wipe system
FlexRay and CAN system overview
System overview, LIN bus
J3
Power distribution box, battery
F404
60A
130L1=404
6.0
OR
A528*4B
F29
60A
130L3=29
6.0
RT
A528*2B
J43
Front left power distribution box
J6
Diagnostic socket
ETH_RX+
0.35
OR/GR
ETH_RX-
0.35
WS/GR
ETH_TX+
0.35
BR/WT
ETH_TX-
0.35
BL/GR
D-CAN_L
0.35
BL/GE
D-CAN_H
0.35
GR/GR
ETH_9
0.35
GR
A528*8B
A528
Basic central platform (BCP)
1) Wash/wipe system
ETH_WUP
0.35
GE
A528*6B
A528*7V
J1_2
0.35
GN/GE
A528*8B
TV_VR_1
0.35
GN
A528*5B
X1.5
0.5
GN/BL
A528*5B
Petrol engine
Diesel engine
A46
Digital Motor Electronics (DME)
A46*1B
A46*5B
S_VR
0.35
WS
G_VR
0.35
RT/GN
A67*1B
A67*5B
Z67
Integrated supply module
1) Digital Motor Electronics main relay
Z67*6B
Z67*4B
A463
Digital diesel electronics (DDE)
A463*1B
A463*5B
S_HR
0.75
WS
G_HR
0.35
GR
A67*1B
A67*5B
Z67
Integrated supply module
2) DDE main relay
Z67*6B
Z67*4B
J31
0.35
BR/SW
Z10*3B
SBR_AUS
0.5
RT/WS
A630
LIN power distribution box
F407
25A
130<=407
35.0
RT
Z1*1B
Z43*1B
J3
Power distribution box, battery
F400
25A
130<=400
35.0
RT
Z2*1B
A34*1B
J43
Front left power distribution box
1) Relay, terminal 30B_2
F43_1
30B_2
30
F35<=F41
F27
60A
F28
30A
F80
30B_1
F46<=F76
F48
30B_2
30B1_EIN
0.5
RT/GN
30B2_AUS
0.5
RT/WS
30B<60
0.35
RT/BR
30<27
4.0
RT
30<28
2.5
RT
30B1_EIN
0.5
RT/GE
30B1_AUS
0.5
RT/GE
30B<60
0.35
RT/BL
CAN_2
0.35
GN/GE
CAN_3
0.35
GN/GE
CAN_4
0.35
GN/RT
CAN_9
0.35
GN/GE
CAN_5
0.75
GE
SDF<1
0.75
RT/GR
A67*1B
A67
Electromechanical Power Steering (EPS)
A63*1B
A63
Rear trap 2, heated rear window
A63*5B
A34*1B
J48
Front right power distribution box
1) Relay, terminal 30B_1
F33_3
30
F35<=F041
F39
30A
F80
30B_1
F046<=F076
30<39
4.0
RT
A14*1B
A014
Relay, terminal 30F
K34*1B
30F
4.0
RT
K1B*2V
K1B2*2V
K1B2*1V
30F
2.5
RT
30F
2.5
RT
30F
2.5
RT
Z1*1B
Z2*1B
Z2*1B
F403
7.5A
F402
25A
F401
25A
J2
Power distribution box, rear
Z2*1B
A23*1B
A23
Relay, radiome heating
with Driving Assistant Professional
A13*1B
A13
Automatic air recirculation control sensor
up to 2022_06
A111*1B
A111
Medium Platform Automatic Driving (MPAD, MPAD2)