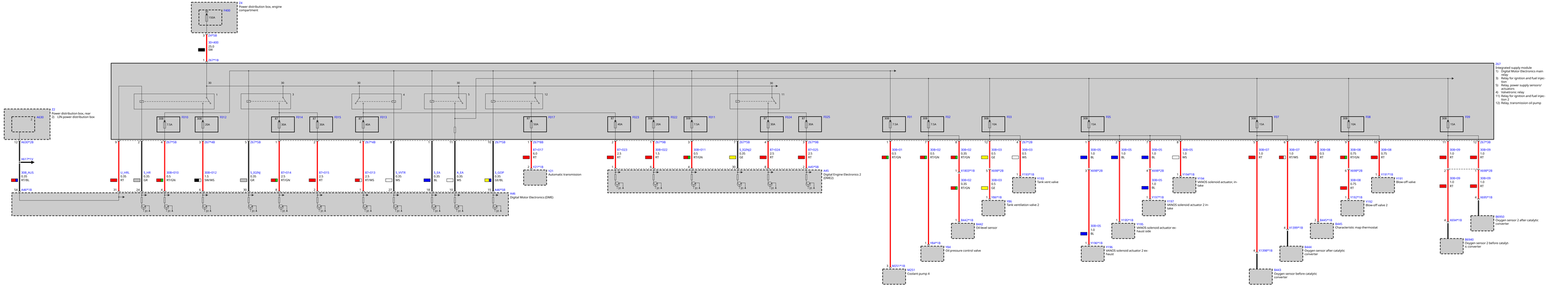
Z4
Power distribution box, engine compartment
F400
150A
Z4*1B
30=400
2.5
SW
1
Z67*1B
Z67
Integrated supply module
1) Digital Motor Electronics main relay
3) Relay for ignition and fuel injection 1
5) Relay, power supply sensors/ actuators
6) Valvetronic relay
11) Relay for ignition and fuel injection 2
12) Relay, transmission oil pump
Z2
Power distribution box, rear
2) LIN power distribution box
A630
12
A630*2B
LIN1TP5V
30B_AUS
0.35
RT/BL
54
A46*1B
F010
30B
7.5A
F012
30B
25A
F014
87
30A
F015
87
30A
F013
87
40A
F017
50A
F023
87
40A
F022
30B
25A
F011
30B
7.5A
F024
87
30A
F025
87
30A
F01
30B
7.5A
F02
30B
7.5A
F03
30B
15A
F05
30B
15A
F07
30B
15A
F08
30B
15A
F09
30B
15A
9
Z67*1B
U_HRL
0.35
RT
2
S_HR
0.35
GR
4
Z67*5B
30B=010
0.5
RT/GN
3
Z67*4B
30B=012
0.5
SW/WS
5
Z67*5B
S_DLN2
0.35
GR
1
Z67*4B
E7=014
2.5
RT/GN
2
E7=015
2.5
RT
4
Z67*4B
E7=013
2.5
RT/WS
8
S_VVTR
0.35
WS
7
S_EA
0.35
BL
11
A_EA
0.35
WS
10
Z67*5B
S_GDP
0.35
GE/BL
13
A46*5B
A46
Digital Motor Electronics (DME)
1
Z67*8B
E7=017
6.0
RT
2
V21*1B
V21
Automatic transmission
2
E7=023
2.5
RT
1
Z67*9B
30B=022
1.5
RT
3
30B=011
0.5
RT/GN
7
Z67*5B
S_DLN2
0.35
GE
4
E7=024
2.5
RT
3
Z67*9B
E7=025
2.5
RT
3
A45*5B
A45
Digital Engine Electronics 2 (DME2)
1
30B=01
0.5
RT/GN
7
30B=02
0.5
RT/GN
8
30B=02
0.35
RT/GN
5
X18D3*1B
30B=02
0.35
RT/GN
3
B442*1B
B442
Oil level sensor
1
Y84*1B
Y84
Oil pressure control valve
3
M2017*1B
M2017
Coolant pump 4
12
30B=03
0.5
GE
5
X698*2B
30B=03
0.5
GE
1
V86*1B
V86
Tank ventilation valve 2
4
Z67*2B
30B=03
WS
1
Y193*1B
Y193
Tank vent valve
1
30B=05
1.0
BL
3
X698*2B
30B=05
1.0
BL
1
Y195*1B
Y195
VANOS solenoid actuator ex-haust side
1
Y196*1B
Y196
VANOS solenoid actuator 2 ex-haust
2
30B=05
1.0
BL
4
X698*2B
30B=05
1.0
BL
1
V197*1B
V197
VANOS solenoid actuator 2 in-take
7
30B=05
1.0
WS
1
Y194*1B
Y194
VANOS solenoid actuator, in-take
5
30B=07
1.0
RT
4
X1399*1B
X1399
B443
Oxygen sensor before catalytic converter
6
30B=07
1.0
RT/WS
4
B444
Oxygen sensor after catalytic converter
9
30B=08
0.5
RT
6
B445*1B
B445
Characteristic map thermostat
10
30B=08
0.75
RT/GN
6
X698*2B
30B=08
0.75
RT
1
V192*1B
V192
Blow-off valve 2
1
30B=08
0.75
RT
1
Y191*1B
Y191
Blow-off valve
11
30B=09
1.0
RT
2
30B=09
1.0
RT
4
X699*1B
B690
Oxygen sensor 2 before catalyti-c converter
12
Z67*3B
30B=09
1.0
RT
2
X698*2B
30B=09
1.0
RT
4
X695*1B
B695O
Oxygen sensor 2 after catalytic converter