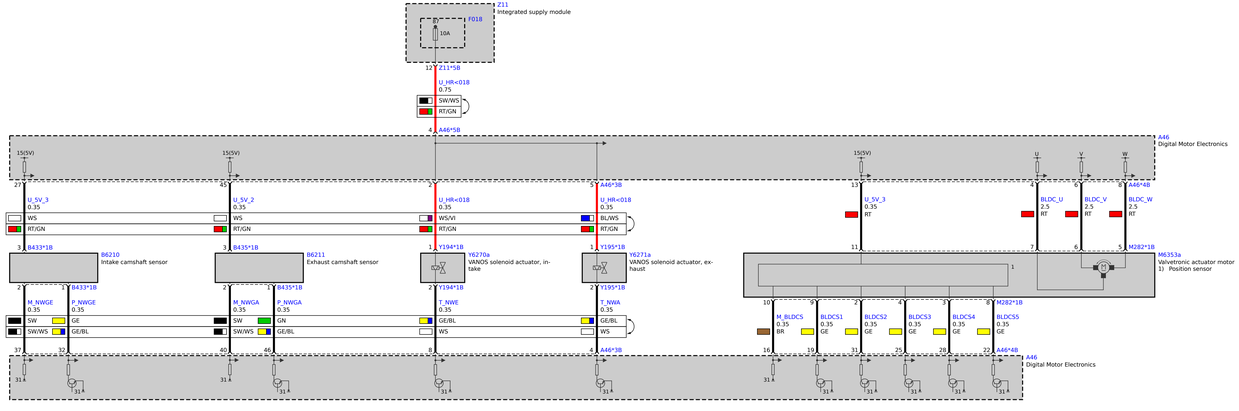
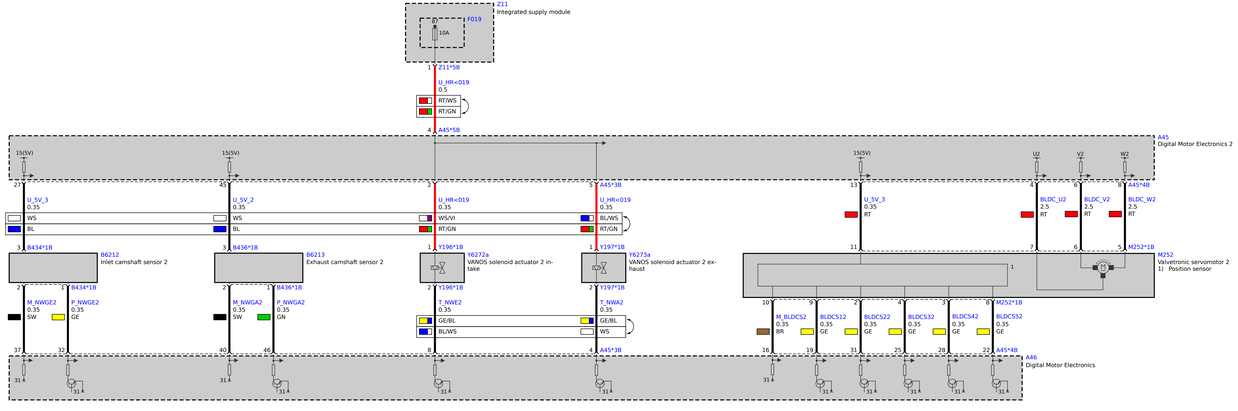

Z11
Integrated supply module
F018
10A
12
Z11*5B
U_HR<018
0.75
SW/WS
RT/GN
4
A46*5B
A46
Digital Motor Electronics
15(SV)
15(SV)
15(SV)
U
V
W
27
U_5V_3
0.35
WS
RT/GN
45
U_5V_2
0.35
WS
RT/GN
2
U_HR<018
0.35
WS/VI
RT/GN
5
A46*3B
U_HR<018
0.35
BL/WS
RT/GN
13
U_5V_3
0.35
RT
4
BLDC_U
2.5
RT
6
BLDC_V
2.5
RT
8
A46*4B
BLDC_W
2.5
RT
3
B433*1B
B6210
Intake camshaft sensor
3
B435*1B
B6211
Exhaust camshaft sensor
1
Y194*1B
Y6270a
VANOS solenoid actuator, intake
1
Y195*1B
Y6271a
VANOS solenoid actuator, exhaust
11
M282*1B
M6353a
Valvetronic actuator motor
1) Position sensor
1
2
M_NWGE
0.35
SW
SW/WS
7
P_NWGE
0.35
GE
GE/BL
2
M_NWGA
0.35
SW
SW/WS
7
P_NWGA
0.35
GN
GE/BL
2
Y194*1B
T_NWE
0.35
GE/BL
WS
2
Y195*1B
T_NWA
0.35
GE/BL
WS
10
M_BLDCS
0.35
BR
9
BLDCS1
0.35
GE
2
BLDCS2
0.35
GE
4
BLDCS3
0.35
GE
3
BLDCS4
0.35
GE
8
M282*1B
BLDCS5
0.35
GE
37
32
40
46
8
4
A46*3B
19
19
31
25
28
22
A46*4B
A46
Digital Motor Electronics
31 A
31 A
31 A
31 A
31 A
31 A
31 A
31 A


Z11
Integrated supply module
F019
10A
12
Z11*5B
U_HR<019
0.5
RT/WS
RT/GN
4
A45*5B
A45
Digital Motor Electronics 2
15(SV)
15(SV)
15(SV)
U2
V2
W2
27
U_5V_3
0.35
WS
BL
45
U_5V_2
0.35
WS
BL
2
U_HR<019
0.35
WS/VI
RT/GN
5
A45*3B
U_HR<019
0.35
BL/WS
RT/GN
13
U_5V_3
0.35
RT
4
BLDC_U2
2.5
RT
6
BLDC_V2
2.5
RT
8
A45*4B
BLDC_W2
2.5
RT
3
B434*1B
B6212
Inlet camshaft sensor 2
3
B436*1B
B6213
Exhaust camshaft sensor 2
1
Y196*1B
Y6272a
VANOS solenoid actuator 2 intake
1
Y197*1B
Y6273a
VANOS solenoid actuator 2 exhaust
11
M252*1B
M252
Valvetronic servomotor 2
1) Position sensor
1
2
M_NWGE2
0.35
SW
7
P_NWGE2
0.35
GE
2
M_NWGA2
0.35
SW
7
P_NWGA2
0.35
GN
2
Y196*1B
T_NWE2
0.35
GE/BL
BL/WS
2
Y197*1B
T_NWA2
0.35
GE/BL
WS
10
M_BLDCS2
0.35
BR
9
BLDCS12
0.35
GE
2
BLDCS22
0.35
GE
4
BLDCS32
0.35
GE
3
BLDCS42
0.35
GE
8
M252*1B
BLDCS52
0.35
GE
37
32
40
46
8
4
A45*3B
16
19
31
25
28
22
A45*4B
A46
Digital Motor Electronics
31 A
31 A
31 A
31 A
31 A
31 A
31 A
31 A