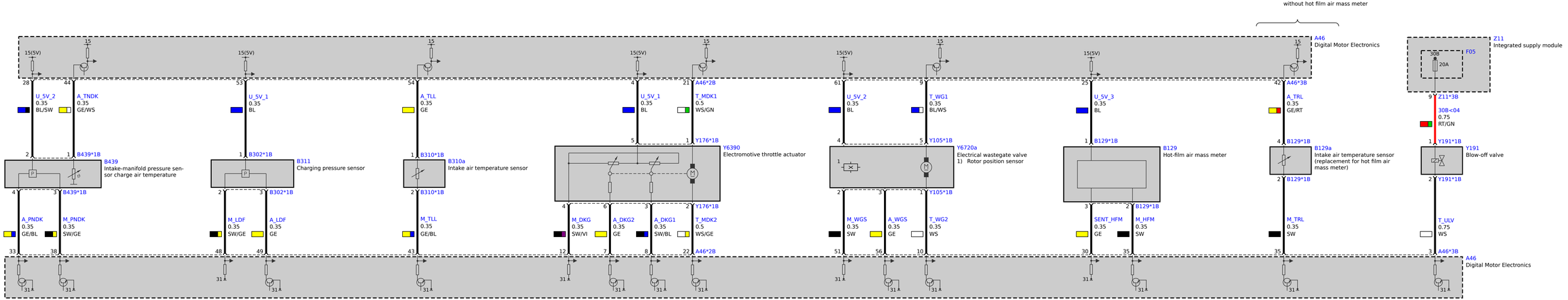
without hot film air mass meter
15(5V)
15
A46
Digital Motor Electronics
Z11
Integrated supply module
F05
30B
20A
28
44
U_5V_2
0.35
BL/SW
A_TNDK
0.35
GE/WS
2
1
B439*1B
B439
Intake-manifold pressure sen-
sor charge air temperature
4
3
B439*1B
A_PNDK
0.35
GE/BL
M_PNDK
0.35
SW/GE
33
38
31
53
U_5V_1
0.35
BL
1
B302*1B
B311
Charging pressure sensor
2
3
B302*1B
M_LDF
0.35
SW/GE
A_LDF
0.35
GE
48
49
54
A_TLL
0.35
GE
1
B310*1B
B310a
Intake air temperature sensor
2
B310*1B
M_TLL
0.35
GE/BL
43
4
21
A46*2B
U_5V_1
0.35
BL
T_MDK1
0.5
WS/GN
5
1
Y176*1B
Y6390
Electromotive throttle actuator
4
6
3
2
Y176*1B
M_DKG
0.35
SW/VI
A_DKG2
0.35
GE
A_DKG1
0.35
SW/BL
T_MDK2
0.5
WS/GE
12
7
8
22
A46*2B
61
9
U_5V_2
0.35
BL
T_WG1
0.35
BL/WS
4
5
Y105*1B
Y6720a
Electrical wastegate valve
1) Rotor position sensor
1
2
3
1
Y105*1B
M_WGS
0.35
SW
A_WGS
0.35
GE
T_WG2
0.35
WS
51
56
10
25
U_5V_3
0.35
BL
1
B129*1B
B129
Hot-film air mass meter
3
2
B129*1B
SENT_HFM
0.35
GE
M_HFM
0.35
SW
30
35
42
A46*3B
A_TRL
0.35
GE/RT
4
B129*1B
B129a
Intake air temperature sensor
(replacement for hot film air
mass meter)
2
B129*1B
M_TRL
0.35
SW
35
9
Z11*3B
30B<04
0.75
RT/GN
1
Y191*1B
Y191
Blow-off valve
2
Y191*1B
T_ULV
0.75
WS
3
A46*3B
A46
Digital Motor Electronics