

Titel: PDN Connector Specification

PDN Connector Specification



Name of signal	Connector pin	S/mm2	Input/Output	Current	I max/t	Description
NonStep0	J1-15	0.35	Input	signal		
Outdoor Temperature	J1-16	0.35	Input	signal		J1-16
Door switch	J1-13	0.35	Input	signal		
Actuator switch	J1-14	0.35	Input	signal		
CAN L	J1-11	0.35	Input/Output	signal		
CAN H	J1-10	0.35	Input/Output	signal		
Door Lamp	J1-1	0.35	Output	420 mA		
Mirror Heater	J1-2	0.35	Output	1.1 Amp	2.5 Amp	
Actuator Motor 1	J1-6	0.35	Output	2.5 Amp		Only for maximum 1000ms
Actuator Motor 2	J1-5	0.35	Output	2.5 Amp		
Mirror Motor Com	J1-9	0.35	Output	200 mA		
Mirror Motor 1	J1-8	0.35	Output	200 mA		
Mirror Motor 2	J1-7	0.35	Output	200 mA		
Mirror Flasher (LED)	J1-3	0.35	Output	300 mA		
Mirror Folging Motor 2	J1-18(Com)	0.35	Output	700 mA	2 Amp	
Mirror Folding Motor 1	J1-4	0.35	Output	700 mA	2 Amp	
Window Winder Motor 1	J2-4	2	Output	10 Amp	30 Amp	The maximum duration of I _{max} is 100ms
Window Winder Motor 2	J2-3	2	Output	10 Amp	30 Amp	
GND	J2-2	2	Power Supply	15 Amp		
VBAT2(F13)	J2-1	2	Power Supply	29.57 Amp		Fuse value = 40 Amp
VBAT1 (F12)	J2-5	1.5	Power Supply	6.5 Amp		Fuse value = 10 Amp

Pin Count = 21

J1 : MQS 28 pins connector

J2 : Power 5 pins connector