



Relay operating state table

Relay	J1 (main-)	J2 (DC/DC pre-charge)	J3 (DC/DC)	J4 (Air conditioning pre-charge)	J5 (Controller)	J6 (controller)	J7 (recharge)
OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
ACC	ON (time-delay after 2s)	ON (time-delay after 4s)	ON (time-delay after 4s)	ON	OFF	OFF	OFF
ON	ON	OFF	ON	ON	ON (time-delay after 18s)	OFF	OFF
charge	ON (time-delay after 2s)	ON (time-delay after 18s)	ON (time-delay after 4s)	ON	OFF	OFF	ON

14-8-Nkey Pin definition table

No.	Pin	Line-mark	Definition	Remark
1	A	---	Common CAN-H	
2	B	---	Common CAN-L	Use two cores twisted-pair
3	C	---	Common CAN line shielding layer	
4	D	---	24V	Bender IMD
5	E	---	GND	Low voltage
6	F	EG	use aperture 5mm lug connect to Ground	1.5mm ²
7	G	---	T+	tripping coil
8	H	---	T-	

Title
HV main circuit schematic(add HV switch&Bender)
 2017-1

*J2&J5are pre-chg relays, type EVR50, the others areEV200
 *both J1A and J1B are two relays in parallel, operating at the same time
 *both J6A and J6B are two relays in parallel, operating at the same time