

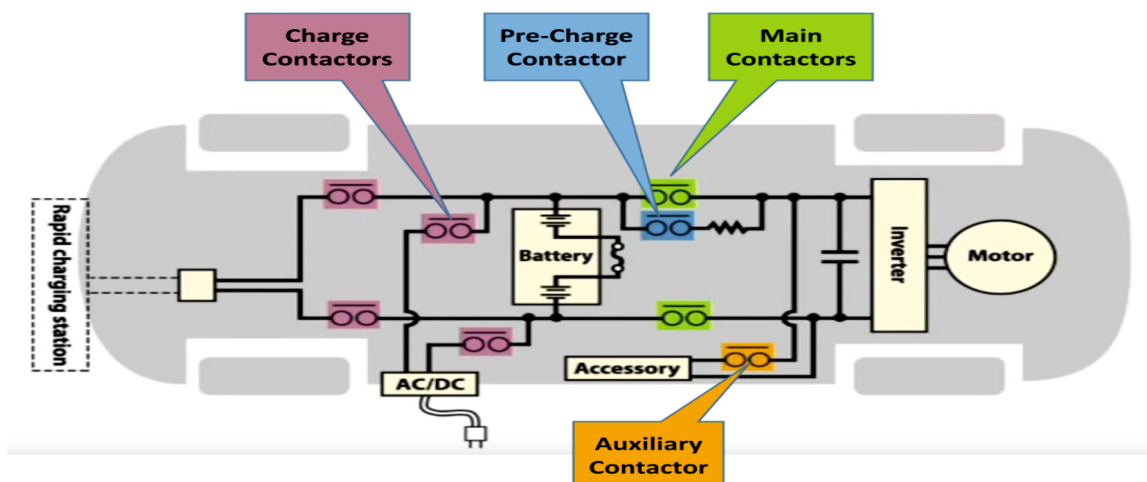


DC Contactor Selection Chart

Parameter	ASEV30	ALEV50	ALEV100	AEV150	AEVT150	ALEV200	AEV250	AEVT350	AEVT400	AEVT500
Contact Arrangement	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO
Carry Current	30A	50A	100A	150A, 200A (65°C)	150A (65°C)	200A	250A (65°C)	350A	400A	500A
Rated Operating Voltage	12 – 900 VDC	12 – 750 VDC	12 – 750 VDC	12 – 900 VDC	12 – 750 VDC	12 – 900 VDC	12 – 900 VDC	12 – 1,800 VDC	12 – 1,800 VDC	12 – 1,800 VDC
Max. Short Circuit Rating	1,250A (½ Cycle, 60Hz)	1,250A (½ Cycle, 60Hz)	1,250A (½ Cycle, 60Hz)	2,000A @320 VDC	1,500A @450 VDC	2,000A @320 VDC	2,000A @320 VDC	2,300A @450 VDC	2,300A @450 VDC	3,300A @320 VDC
Operating Temp.	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
Coil Voltage	12 & 24VDC	12, 24, 48VDC	12, 24, 48VDC	12-24VDC	12 & 24 VDC	12, 24, 48, 72VDC	12-24, 72, 48-72VDC	12 & 24VDC	12 & 24VDC	12 & 24VDC
Aux. Switch (Optional)	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Built-in Coil Economizer	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes
Certifications	UL US CE	UL US CE	UL US CE	UL US CE	UL US		UL US CE	UL US CE	UL US	UL US



EV Applications for High Voltage (HV) Contactors



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