



DC Contactor Selection Chart

Parameter	AEV20E	ASEV30	ALEV50	ALEV100	AEV150	ALEV200	AEV250	AREV250	AES400	AES500	AES600
		Resin	Resin	Resin	Resin	Resin	Resin	Resin	Resin	Resin	Resin
Contact Arrangement	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO, SPST-NC, Latching	SPST-NO	SPST-NO	SPST-NO
Carry Current	20A	30A	50A	100A	150A	200A	400A	400A	400A	500A	600A
Directional/Bidirectional	Directional	Directional	Both	Both	Both	Directional	Both	Both	Directional	Bidirectional	Directional
Rated Operating Voltage	12 – 750 VDC	12 – 900 VDC	12 – 750 VDC	12 – 750 VDC	12 – 900 VDC	12 – 900 VDC	12 – 900 VDC	12 – 900 VDC	12 - 1,000 VDC	12 - 1,500 VDC	12 - 1,000 VDC
Max. Short Circuit Rating		300A 1 sec	1,250A 1 sec	1,250A 1 sec	2,000A 1 sec	2,000A 1 sec	3,000A 1 sec		2,000A 20 sec	2,500A 20 sec	2,000A 30 sec
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	-40°C to +85°C
Coil Voltage	12VDC	12 & 24VDC	12, 24, 48VDC	12, 24, 48VDC	12-24VDC	12, 24, 48, 72VDC	12-24, 72, 48-72VDC	12-24, 72, 48-72VDC	12-24VDC	12-24VDC	12-24VDC
Aux. Switch (Optional)	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Coil Economizer	No	No	No	No	PWM	No	PWM	PWM	PWM	PWM	PWM
Certifications								UL Pending			



DC Contactor Selection Chart

Parameter	AEVT150	AEVE250	AEVE300	AEVTS300	AEVTS350	AEVTS400	AEVT350	AEVT400	AEVT500
Design	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic	Ceramic
Contact Arrangement	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO
Carry Current	150A (65°C)	250A	300A	300A	350A	400A	350A	400A	500A
Polar / Non-Polar Contacts	Polar	Non-Polar	Non-Polar	Polar	Polar	Polar	Polar	Polar	Polar
Rated Operating Voltage	12 – 750 VDC	12 – 750 VDC	12 – 750 VDC	12 – 1,800 VDC	12 – 1,800 VDC	12 – 1,800 VDC	12 – 1,800 VDC	12 – 1,800 VDC	12 – 1,800 VDC
Max. Short Circuit Rating	2,500A 1 sec	8,000A 5 msec	8,000A 5 msec	3,000A 1 sec	3,500A 1 sec	4,000A 1 sec	3,500A 1 sec	4,000A 1 sec	4,000A 1 sec
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
Coil Voltage	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC	12 & 24 VDC
Aux. Switch (Optional)	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Built-in Coil Economizer	No	No	No	Dual Coil	Dual Coil	Dual Coil	PWM	PWM	Dual Coil
Certifications									