

Enclosed Contactors

Sprecher + Schuh's entire contactor line housed in a variety of enclosures

Sprecher + Schuh's broad line of IEC/UL HP rated contactors can be purchased pre-installed in a variety of standard enclosures. Cataloged enclosures include:

Type 1 (M1)	General Purpose
Type 12 (M12)	Industrial Dusttight
Type 3R (M3)	Raintight (outdoor)
Type 4 (M4)	Watertight
Type 4X (F4)	Watertight, Corrosion Resistant Non-Metallic

Even though these are the most popular enclosure types for most industrial applications, we can house any contactor in a custom enclosure of your choice.

Quality enclosures ensure the highest confidence



Sprecher + Schuh only sources enclosures from name brand manufacturers, ensuring the highest quality. We primarily use enclosures that meet UL Standards, i.e., Type 1, Type 3R, etc., however, we can also source IEC-type enclosures at your request. Enclosures are sized first to accommodate the depth of the contactor and offer sufficient electrical clearances to satisfy UL.

Add a variety of modifications

If you need a larger enclosure than what is specified in our catalog, your sales representative and our Engineering department will work with you to customize any of our enclosed products to suit your exact specifications. Any combination of enclosure types, sizes, pilot devices, meters and other modifications can be combined to provide exactly the panel you need.



Precisely match the contactor to the application

Unique to IEC-style contactors is the ability to select the exact device required for a specific application. By identifying the conditions under which the contactor will be used, i.e., resistive loads, reversing, inching and plugging, etc., published "life-curve" data predicts contact life in millions of operations. This information enables you to select the precise contactor for your application... without buying too much or too little. Refer to Section A in this catalog for detailed technical information on all Sprecher + Schuh contactors.

Other unique features...

Virtually all Sprecher+Schuh contactors offer one or more of the latest design techniques and innovations, such as electronically controlled coils, field installable auxiliary contacts or universal accessories across the entire contactor family.



Type 1



Type 3R



Type 4



Type 4X

Three Phase, Non-Reversing CA7, CA6 & CA5

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Three Phase				Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose	Price	D I M ①	Type 12, (M12) [Type 3R (M3) ②] Industrial Dusttight	Price	D I M ①
	Enclosed	200V	230V	460V	575V	NO	NC	Catalog Number		Catalog Number		
25	2	2	5	7.5	1	0	CA7-9-* GO	218	A	CA7-9-* DO	319	L
25	3	3	7.5	10	1	0	CA7-12-* GO	252	A	CA7-12-* DO	352	L
30	5	5	10	15	1	0	CA7-16-* GO	268	A	CA7-16-* DO	368	L
30	5	7.5	15	15	1	0	CA7-23-* GO	285	A	CA7-23-* DO	386	L
55	7.5	10	20	25	1	0	CA7-30-* GO	335	A	CA7-30-* DO	436	L
60	10	10	25	30	1	0	CA7-37-* GO	377	A	CA7-37-* DO	478	L
75	10	15	30	30	1	0	CA7-43-* GO	537	A	CA7-43-* DO	570	L
90	15	20	40	50	1	0	CA7-60-* GO	578	B	CA7-60-* DO	620	M
90	20	25	50	60	1	0	CA7-72-* GO	637	B	CA7-72-* DO	670	M
100	25	30	60	60	1	0	CA7-85-* GO	696	B	CA7-85-* DO	738	M
120	30	30	75	75	1	0	CA7-97-* GO	876	B	CA7-97-* DO	919	O
160	40	40	75	100	1	1	CA6-115-* GO	1424	E	CA6-115-* DO	1592	Q
220	40	50	100	125	1	1	CA6-140-* GO	1843	E	CA6-140-* DO	2011	Q
220	50	60	150	150	1	1	CA6-180-* GO	2178	E	CA6-180-* DO	2681	R
300	60	75	150	200	1	1	CA6-210-EI-* GO	2681	F	CA6-210-EI-* DO	3392	T
300	75	100	200	250	1	1	CA6-250-EI-* GO	3016	F	CA6-250-EI-* DO	3727	T
340	100	125	250	300	1	1	CA6-300-EI-* GO	3518	H	CA6-300-EI-* DO	4021	H
420	150	175	350	400	1	1	CA6-420-EI-* GO	6198	H	CA6-420-EI-* DO	6701	H
630	200	250	500	600	1	1	CA6-630-EI-* GO	R/ F	~	CA6-630-EI-* DO	R/ F	~
860	250	300	600	700	1	1	CA6-860-EI-* GO	R/ F	~	CA6-860-EI-* DO	R/ F	~
1215	450	450	900	900	1	2	CA5-1200-* GO	R/ F	~	CA5-1200-* DO	R/ F	~

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.



Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② For M3 outdoor applications, replace "D" in catalog number with an "R". Price remains the same, dimensions may change. Example: CA7-23-* DO becomes CA7-23-* R0.
- ③ Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ④ CA6-115...CA6-180 contactors are available with electronic interface coil "EI." Change catalog number to include "-EI". Example: CA6-115-* becomes CA6-115-EI-*. See page C86 for price adder.

Three Phase, Non-Reversing CA7, CA6 & CA5

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Three Phase				Auxiliary Contacts per Contactor ❷		Type 4 (M4) Watertight		D I M	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M
	Enclosed	200V	230V	460V	575V	NO						
							Catalog Number	Price	❶	Catalog Number	Price	❶
25	2	2	5	7.5	1	0	CA7-9-❖-W0	461	N	CA7-9-❖-C0	344	S1
25	3	3	7.5	10	1	0	CA7-12-❖-W0	495	N	CA7-12-❖-C0	377	S1
30	5	5	10	15	1	0	CA7-16-❖-W0	511	N	CA7-16-❖-C0	394	S1
30	5	7.5	15	15	1	0	CA7-23-❖-W0	530	N	CA7-23-❖-C0	411	S1
55	7.5	10	20	25	1	0	CA7-30-❖-W0	578	N	CA7-30-❖-C0	461	S1
60	10	10	25	30	1	0	CA7-37-❖-W0	620	N	CA7-37-❖-C0	503	S1
75	10	15	30	30	1	0	CA7-43-❖-W0	637	N	CA7-43-❖-C0	520	S1
90	15	20	40	50	1	0	CA7-60-❖-W0	779	O	CA7-60-❖-C0	679	U1
90	20	25	50	60	1	0	CA7-72-❖-W0	838	O	CA7-72-❖-C0	738	U1
100	25	30	60	60	1	0	CA7-85-❖-W0	897	O	CA7-85-❖-C0	796	U1
120	30	30	75	75	1	0	CA7-97-❖-W0	1017	O	CA7-97-❖-C0	978	U1
160	40	40	75	100	1	1	CA6-115-❖-W0 ❸	2011	Q	CA6-115-❖-C0 ❸	1810	W2
220	40	50	100	125	1	1	CA6-140-❖-W0 ❸	2178	Q	CA6-140-❖-C0 ❸	2262	W2
220	50	60	150	150	1	1	CA6-180-❖-W0 ❸	2882	R	CA6-180-❖-C0 ❸	3853	X1
300	60	75	150	200	1	1	CA6-210-EI-❖-W0	3518	T	CA6-210-EI-❖-C0	4523	X1
300	75	100	200	250	1	1	CA6-250-EI-❖-W0	3853	T	CA6-250-EI-❖-C0	4858	X1
340	100	125	250	300	1	1	CA6-300-EI-❖-W0	4523	H	CA6-300-EI-❖-C0	5696	Y1
420	150	175	350	400	1	1	CA6-420-EI-❖-W0	7203	H	CA6-420-EI-❖-C0	8376	Y1
630	200	250	500	600	1	1	CA6-630-EI-❖-W0	R/ F	~	CA6-630-EI-❖-C0	R/ F	~
860	250	300	600	700	1	1	CA6-860-EI-❖-W0	R/ F	~	CA6-860-EI-❖-C0	R/ F	~
1215	450	450	900	900	1	2	CA5-1200-❖-W0	R/ F	~	CA5-1200-❖-C0	R/ F	~

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.

Ordering Instructions

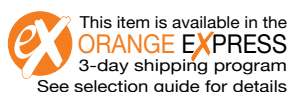
Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ③ CA6-115...CA6-180 contactors are available with electronic interface coil "EI". Change catalog number to include "-EI". Example: CA6-115-* -W0 becomes CA6-115-EI-* -W0. See page C86 for price adder.

Three Phase, Reversing CAU7, CAU6 & CAU5

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Three Phase				Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose	Price	D I M	Type 12, (M12) [Type 3R (M3) ②] Industrial Dusttight	Price	D I M
	Enclosed	200V	230V	460V	575V	NO	NC ④					
								Catalog Number		Catalog Number		
25		2	2	5	7.5	1	1	CAU7-9-*GO ⑤	580	A CAU7-9-*DO ⑤	639	M
25		3	3	7.5	10	1	1	CAU7-12-*GO ⑤	654	A CAU7-12-*DO ⑤	704	M
30		5	5	10	15	1	1	CAU7-16-*GO ⑤	696	A CAU7-16-*DO ⑤	746	M
30		5	7.5	15	15	1	1	CAU7-23-*GO ⑤	715	A CAU7-23-*DO ⑤	791	M
55		7.5	10	20	25	1	1	CAU7-30-*GO ⑤	833	A CAU7-30-*DO ⑤	883	M
60		10	10	25	30	1	1	CAU7-37-*GO ⑤	917	A CAU7-37-*DO ⑤	1043	M
75		10	15	30	30	1	1	CAU7-43-*GO ⑤	984	B CAU7-43-*DO ⑤	1111	M
90		15	20	40	50	1	1	CAU7-60-*GO ⑤	1313	C CAU7-60-*DO ⑤	1338	O
90		20	25	50	60	1	1	CAU7-72-*GO ⑤	1430	C CAU7-72-*DO ⑤	1456	O
100		25	30	60	60	1	1	CAU7-85-*GO ⑤	1540	C CAU7-85-*DO ⑤	1565	O
120		30	30	75	75	1	1	CAU7-97-*GO ⑤	1780	C CAU7-97-*DO ⑤	1805	O
160		40	40	75	100	1	1	CAU6-115-*GO ⑤	2681	E CAU6-115-*DO ⑤	2848	Q
220		40	50	100	125	1	1	CAU6-140-*GO ⑤	3351	E CAU6-140-*DO ⑤	3518	Q
220		50	60	150	150	1	1	CAU6-180-*GO ⑤	4356	E CAU6-180-*DO ⑤	4691	R
300		60	75	150	200	1	1	CAU6-210-EI-*GO	5528	F CAU6-210-EI-*DO	6031	T
300		75	100	200	250	1	1	CAU6-250-EI-*GO	6198	F CAU6-250-EI-*DO	6701	T
340		100	125	250	300	1	1	CAU6-300-EI-*GO	6868	H CAU6-300-EI-*DO	7371	H
420		150	175	350	400	1	1	CAU6-420-EI-*GO	12731	H CAU6-420-EI-*DO	13233	H
630		200	250	500	600	1	1	CAU6-630-EI-*GO	R/ F	~ CAU6-630-EI-*DO	R/ F	~
860		250	300	600	700	1	1	CAU6-860-EI-*GO	R/ F	~ CAU6-860-EI-*DO	R/ F	~
1215		450	450	900	900	1	1	CAU5-1200-*GO	R/ F	~ CAU5-1200-*DO	R/ F	~

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.



Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② For M3 outdoor applications, replace "D" in catalog number with an "R". Price remains the same, dimensions may change. Example: CAU7-23-*DO becomes CAU7-23-*RO.
- ③ Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ④ One N.C. auxiliary contact is used for electrical interlocking. On CAU7 reversing contactors, the N.C. contact comes from the Mechanical/Electrical Interlock unit (Cat # CM7-02).
- ⑤ CAU6-115...CAU6-180 reversing contactors are available with electronic interface coil "EI." Change catalog number to include "-EI". Example: CAU6-115-*GO becomes CAU6-115-EI-*GO. See page C86 for price adder.

Three Phase, Reversing CAU7, CAU6 & CAU5

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Three Phase				Auxiliary Contacts per Contactor ②		Type 4 (M4) Watertight		D I M ❶	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M ❶	
	Enclosed	200V	230V	460V	575V	NO							NC ③
	25	2	2	5	7.5	1	1	CAU7-9-❖-W0	690	N	CAU7-9-❖-C0	673	U1
	25	3	3	7.5	10	1	1	CAU7-12-❖-W0	757	N	CAU7-12-❖-C0	740	U1
	30	5	5	10	15	1	1	CAU7-16-❖-W0	799	N	CAU7-16-❖-C0	782	U1
	30	5	7.5	15	15	1	1	CAU7-23-❖-W0	841	N	CAU7-23-❖-C0	824	U1
	55	7.5	10	20	25	1	1	CAU7-30-❖-W0	934	N	CAU7-30-❖-C0	917	U1
	60	10	10	25	30	1	1	CAU7-37-❖-W0	1094	N	CAU7-37-❖-C0	1010	U1
	75	10	15	30	30	1	1	CAU7-43-❖-W0	1161	N	CAU7-43-❖-C0	1077	U1
	90	15	20	40	50	1	1	CAU7-60-❖-W0	1363	O	CAU7-60-❖-C0	2062	V1
	90	20	25	50	60	1	1	CAU7-72-❖-W0	1481	O	CAU7-72-❖-C0	2188	V1
	100	25	30	60	60	1	1	CAU7-85-❖-W0	1590	O	CAU7-85-❖-C0	2289	V1
	120	30	30	75	75	1	1	CAU7-97-❖-W0	1830	O	CAU7-97-❖-C0	2529	V1
	160	40	40	75	100	1	1	CAU6-115-❖-W0 ❷	3282	Q	CAU6-115-❖-C0 ❷	3030	W2
	220	40	50	100	125	1	1	CAU6-140-❖-W0 ❷	3955	Q	CAU6-140-❖-C0 ❷	3913	W2
	220	50	60	150	150	1	1	CAU6-180-❖-W0 ❷	5134	R	CAU6-180-❖-C0 ❷	6396	X1
	300	60	75	150	200	1	1	CAU6-210-EI-❖-W0	6691	T	CAU6-210-EI-❖-C0	7575	X1
	300	75	100	200	250	1	1	CAU6-250-EI-❖-W0	7364	T	CAU6-250-EI-❖-C0	7953	X1
	340	100	125	250	300	1	1	CAU6-300-EI-❖-W0	7911	H	CAU6-300-EI-❖-C0	9174	Y1
	420	150	175	350	400	1	1	CAU6-420-EI-❖-W0	13803	H	CAU6-420-EI-❖-C0	14892	Y1
	630	200	250	500	600	1	1	CAU6-630-EI-❖-W0	R/ F	~	CAU6-630-EI-❖-C0	R/ F	~
	860	250	300	600	700	1	1	CAU6-860-EI-❖-W0	R/ F	~	CAU6-860-EI-❖-C0	R/ F	~
	1215	450	450	900	900	1	2	CAU5-1200-❖-W0	R/ F	~	CAU5-1200-❖-C0	R/ F	~

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.

Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ③ One N.C. auxiliary contact is used for electrical interlocking. On CAU7 reversing contactors, the N.C. contact comes from the Mechanical/Electrical Interlock unit (Cat # CM7-02).
- ④ CAU6-115...CAU6-180 reversing contactors are available with electronic interface coil "EI." Change catalog number to include "-EI". Example: CAU6-115-*-W0 becomes CAU6-115-EI-*-W0. See page C86 for price adder.

Single Phase, Non-Reversing CB7 and CB6

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Single Ø		Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose		D I M	Type 12 (M12) [Type 3R (M3) ②] Industrial Dusttight		D I M	Type 4 (M4) Watertight		D I M	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M
Enclosed	115V	230V	NO	NC	Catalog No.	Price	①	Catalog No.	Price	①	Catalog No.	Price	①	Catalog No.	Price	①
					CB7-			CB7-			CB7-			CB7-		
25	1/2	1 1/2	1	0	9-*G0 ④	218	A	9-*D0 ④	319	L	9-*W0	462	N	9-*C0	345	S1
25	1/2	2	1	0	12-*G0 ④	252	A	12-*D0 ④	353	L	12-*W0	496	N	12-*C0	378	S1
30	1	3	1	0	16-*G0 ④	269	A	16-*D0 ④	370	L	16-*W0	513	N	16-*C0	395	S1
30	2	3	1	0	23-*G0 ④	286	A	23-*D0 ④	387	L	23-*W0	531	N	23-*C0	412	S1
55	2	5	1	0	30-*G0 ④	336	A	30-*D0 ④	437	L	30-*W0	580	N	30-*C0	462	S1
60	3	5	1	0	37-*G0 ④	378	A	37-*D0 ④	479	L	37-*W0	622	N	37-*C0	505	S1
75	3	7 1/2	1	0	43-*G0 ④	538	A	43-*D0 ④	570	L	43-*W0	639	N	43-*C0	521	S1
90	5	10	1	0	60-*G0 ④	580	B	60-*D0 ④	622	M	60-*W0	782	O	60-*C0	681	U1
90	5	15	1	0	72-*G0 ④	639	B	72-*D0 ④	673	M	72-*W0	841	O	72-*C0	740	U1
100	7 1/2	15	1	0	85-*G0 ④	698	B	85-*D0 ④	740	M	85-*W0	900	O	85-*C0	799	U1
					CB6-			CB6-			CB6-			CB6-		
160	10	25	1	1	115-*G0 ④	1430	E	115-*D0 ④	1599	Q	115-*W0 ④	2020	Q	115-*C0 ④	1818	W2
220	15	30	1	1	140-*G0 ④	1851	E	140-*D0 ④	2020	Q	140-*W0 ④	2188	Q	140-*C0 ④	2272	W2
220	~	40	1	1	180-*G0 ④	2188	E	180-*D0 ④	2693	R	180-*W0 ④	2895	R	180-*C0 ④	3871	X1
300	~	50	1	1	210-EI-*G0	2693	F	210-EI-*D0	3408	T	210-EI-*W0	3535	T	210-EI-*C0	4545	X1
300	~	~	1	1	250-EI-*G0	3030	F	250-EI-*D0	3745	T	250-EI-*W0	3871	T	250-EI-*C0	4881	X1
340	~	~	1	1	300-EI-*G0	3535	H	300-EI-*D0	4040	H	300-EI-*W0	4545	H	300-EI-*C0	5723	Y1
420	~	~	1	1	420-EI-*G0	6228	H	420-EI-*D0	6733	H	420-EI-*W0	7238	H	420-EI-*C0	8416	Y1

Larger sizes available. Contact your Sprecher + Schuh representative.

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.



Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② For M3 outdoor applications, replace "D" in catalog number with an "R". Price remains the same, dimensions may change. Example: CB7-23-*D0 becomes CB7-23-*R0.
- ③ Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ④ CB6-115...CB6-180 contactors are available with electronic interface coil "EI". Change catalog number to include "-EI". Example: CB6-115-*G0 becomes CB6-115-EI-*G0. See page C86 for price adder.

Single Phase, Reversing CBUR7 (Reconnectable Winding - Three Lead Motor)

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Single Ø		Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose		D I M	Type 12 (M12) [Type 3R (M3)②] Industrial Dusttight		D I M	Type 4 (M4) Watertight		D I M	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M
Enclosed	115V	230V	NO	NC ④	Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①	
					CBUR			CBUR			CBUR			CBUR		
25	1/2	1 1/2	1	1	7-9-*-GO ⑤	580	A	7-9-*-DO ⑤	639	M	7-9-*-WO	690	N	7-9-*-CO	673	U1
25	1/2	2	1	1	7-12-*-GO ⑤	656	A	7-12-*-DO ⑤	707	M	7-12-*-WO	757	N	7-12-*-CO	740	U1
30	1	3	1	1	7-16-*-GO ⑤	698	A	7-16-*-DO ⑤	749	M	7-16-*-WO	799	N	7-16-*-CO	782	U1
30	2	3	1	1	7-23-*-GO ⑤	715	A	7-23-*-DO ⑤	791	M	7-23-*-WO	841	N	7-23-*-CO	824	U1
55	2	5	1	1	7-30-*-GO ⑤	833	A	7-30-*-DO ⑤	883	M	7-30-*-WO	934	N	7-30-*-CO	917	U1

Single Phase, Reversing CBUS7 (Series Winding – Four Lead Repulsion Induction Motor)

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Single Ø		Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose		D I M	Type 12 (M12) [Type 3R (M3)②] Industrial Dusttight		D I M	Type 4 (M4) Watertight		D I M	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M
Enclosed	115V	230V	NO	NC ④	Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①	
					CBUS			CBUS			CBUS			CBUS		
25	1/2	1 1/2	1	1	7-9-*-GO ⑤	580	A	7-9-*-DO ⑤	639	M	7-9-*-WO	690	N	7-9-*-CO	673	U1
25	1/2	2	1	1	7-12-*-GO ⑤	656	A	7-12-*-DO ⑤	707	M	7-12-*-WO	755	N	7-12-*-CO	740	U1
30	1	3	1	1	7-16-*-GO ⑤	698	A	7-16-*-DO ⑤	749	M	7-16-*-WO	799	N	7-16-*-CO	782	U1
30	2	3	1	1	7-23-*-GO ⑤	715	A	7-23-*-DO ⑤	791	M	7-23-*-WO	841	N	7-23-*-CO	824	U1
55	2	5	1	1	7-30-*-GO ⑤	833	A	7-30-*-DO ⑤	883	M	7-30-*-WO	934	N	7-30-*-CO	917	U1

Starters & Enclosed Prod.
CONT

Single Phase, Reversing CBUP7 (Parallel Winding – Four Lead Capacitor or Split Phase Motor)

Continuous Amp Rating - UL/CSA -	Maximum Horsepower Single Ø		Auxiliary Contacts per Contactor ③		Type 1 (M1) General Purpose		D I M	Type 12 (M12) [Type 3R (M3)②] Industrial Dusttight		D I M	Type 4 (M4) Watertight		D I M	Type 4X (F4) Watertight Corrosion Resistant Non-metallic		D I M
Enclosed	115V	230V	NO	NC ④	Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①		Catalog No.	Price ①	
					CBUP			CBUP			CBUP			CBUP		
25	1/2	1 1/2	1	1	7-9-*-GO ⑤	580	A	7-9-*-DO ⑤	639	M	7-9-*-WO	690	N	7-9-*-CO	673	U1
25	1/2	2	1	1	7-12-*-GO ⑤	656	A	7-12-*-DO ⑤	707	M	7-12-*-WO	757	N	7-12-*-CO	740	U1
30	1	3	1	1	7-16-*-GO ⑤	698	A	7-16-*-DO ⑤	749	M	7-16-*-WO	799	N	7-16-*-CO	782	U1
30	2	3	1	1	7-23-*-GO ⑤	715	A	7-23-*-DO ⑤	791	M	7-23-*-WO	841	N	7-23-*-CO	824	U1
55	2	5	1	1	7-30-*-GO ⑤	833	A	7-30-*-DO ⑤	883	M	7-30-*-WO	934	N	7-30-*-CO	917	U1

NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.

Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86
Factory Modifications available	Refer to pages C89-C92

- ① Dimensional information starts on page C108.
- ② For M3 outdoor applications, replace "D" in catalog number with an "R". Price remains the same, dimensions may change. Example: CBUX7-23-*-DO becomes CBUX7-23-*-RO.
- ③ Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.
- ④ One N.C. auxiliary contact is used for electrical interlocking. On CBU reversing contactors, the N.C. contact comes from the Mechanical/Electrical Interlock unit (Cat # CM7-02).

Electrically Held with AC Coil

Continuous Ampere Rating ③	Number of Poles	Standard Auxiliary Contacts ⑤		Type 1 (M1) General Purpose Catalog Number	Price	D I M ④	Type 12, (M12) [Type 3R (M3) ②] Industrial Dusttight Catalog Number	Price	D I M ④
		NO	NC						
20	4	0	0	CAL7-20-M40-*G0	285	A	CAL7-20-M40-*D0	386	L
30	4	0	0	CAL7-30-M40-*G0	405	A	CAL7-30-M40-*D0	506	L
60	4	0	0	CAL7-60-M40-*G0	675	B	CAL7-60-M40-*D0	717	M
120	3	1	1	CA6-115-*G0	1424	E	CA6-115-*D0	1592	Q
150	3	1	1	CA6-180-*G0	2178	E	CA6-180-*D0	2681	R
200	3	1	1	CA6-210-E1-*G0 ②	2681	F	CA6-210-E1-*D0	3392	T

Description

The CAL7 electrically held contactors and CAVL7 mechanical held contactors are cUL rated and labeled for tungsten and ballast lighting duty applications at 20, 30, and 60 amperes respectively.

The CA6 contactors shown are selections based on available technical data. These CA6 units do not bear a cUL rating for use as a lighting contactor.

Mechanically Held with AC Coil ①

Continuous Ampere Rating ③	Number of Poles	Standard Auxiliary Contacts ⑤		Type 1 (M1) General Purpose Catalog Number	Price	D I M ④	Type 12, (M12) [Type 3R (M3) ②] Industrial Dusttight Catalog Number	Price	D I M ④
		NO	NC						
20	4	0	0	CAVL7-20-M40-*G0	R/F	R/F	CAVL7-20-M40-*D0	R/F	R/F
30	4	0	0	CAVL7-30-M40-*G0	R/F	R/F	CAVL7-30-M40-*D0	R/F	R/F
60	4	0	0	CAVL7-60-M40-*G0	R/F	R/F	CAVL7-60-M40-*D0	R/F	R/F

Larger sizes available. Contact your Sprecher + Schuh representative.

Modifications (Factory Assembled)

Description	Add Suffix to end of Cat. Number	CA7-9...43	CA7-60...97	CA6-115(-EI) ...140(-EI)	CA6-180(-EI) ...210-EI
CA7 / CA6 Auxiliary Contacts					
1 NO Auxiliary	-L10	45	45	-	-
1 NC Auxiliary	-L01	45	45	-	-
1 NO + 1 NC Auxiliary	-L11	57	57	75	75
2 NO Auxiliaries	-L20	57	57	-	-
2 NC Auxiliaries	-L02	57	57	-	-
1 NO + 2 NC Auxiliary	-L12	64	64	-	-
2 NO + 1 NC Auxiliary	-L21	64	64	-	-
3 NO Auxiliaries	-L30	64	64	-	-
3 NC Auxiliaries	-L03	64	64	-	-
1 NO + 3 NC Auxiliary	-L13	75	75	-	-
3 NO + 1 NC Auxiliary	-L31	75	75	-	-
2 NO + 2 NC Auxiliary	-L22	75	75	117	117
4 NO Auxiliaries	-L40	75	75	-	-
4 NC Auxiliaries	-L04	75	75	-	-
Unwired Terminal Blocks	- ▼ TB	22	22	22	22

Specify quantity (▼)

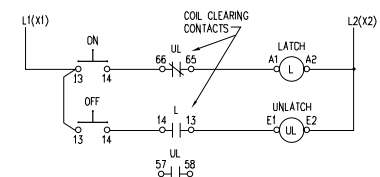
NOTE: Catalog numbers, list prices and enclosure dimensions reflect contactors with AC coils. For DC coils, select Coil Code from the DC Coil Code table on page C86 and follow the instructions for modifying catalog numbers and list prices.

Ordering Instructions

Specify Catalog Number	
Replace (*) with Coil Code	Refer to page C86 Refer to table on this page only
Factory Modifications available	

Operation of Mechanically Held Contactor with "ON-OFF" Pushbutton

Catalog number "CAVL7" consists of a CAL7 contactor with CV7-11 mechanical latch. Depressing the "ON" button energizes the "L" coil and the contactor closes. The mechanical latch locks the contactor in the closed position. The "L" coil is then de-energized by the coil, clearing contact "UL" (Terminals 65-66) to remove voltage. Depressing the "OFF" button energizes the "UL" coil, and the mechanical latch releases the contactor. The "UL" coil is immediately de-energized by the coil clearing contact "L" (Terminals 13-14) to remove voltage. The contactor is now open.



- ① The N.O. auxiliary is used to mechanical latch the control circuit and is not available for use by customer for other uses.
- ② "-EI" designates contactor with Electronic Interface coil.
- ③ Engineering practice permits $2.5 \times I_g$ to be applied to a contactor when 3 poles are connected in parallel for single phase discharge lamp (ballast lighting) applications. Example: A CAL7-20-M40-* Lighting Contactor plus a CA7-P-B23 Paralleling Link can be used on a 50A ballast load. Applying parallel conductors to incandescent lamp loads does NOT result in a greater permissible load. Paralleling Links can be found in the Accessories section.
- ④ Dimensional information starts on page C108.
- ⑤ Contactors are equipped with number and type of auxiliaries indicated. See page C91 to order additional or different auxiliary contacts.