

Starters ①

B6 & B7, non-reversing

3 Phase



B6S-ΔΔ

Non-Reversing, 3 phase – Screw connections only

General purpose AC1	Maximum motor FLA AC3	3 Phase motor horsepower				Single phase		Number of power poles	Auxiliary contacts	Catalog number	List price
		208V	230V	460V	600V	120V	230V				
AC operated											
12	6.8	1	2	3	1	1/2	1	3	1 N.O. 1 N.C.	B6S-Δ‡ B6S-Δ01‡	\$ 108
16	9.6	2	3	5	5	1	2	3	1 N.O. 1 N.C.	B7S-Δ‡ B7S-Δ01‡	132
DC operated											
12	6.8	1	2	3	1	1/2	1	3	1 N.O. 1 N.C.	BC6S-Δ‡ BC6S-Δ01‡	114
16	9.6	2	3	5	5	1	2	3	1 N.O. 1 N.C.	BC7S-Δ‡ BC7S-Δ01‡	138

Δ Coil voltage suffix. Refer to Coil Voltage Selection chart and substitute the desired coil voltage suffix for the Δ.
‡ Overload relay suffix. Refer to the Overload Relay Selection chart and substitute the desired starter suffix code for the ‡.

Reversing, 3 phase – Screw connections only

General purpose AC1	Maximum motor FLA AC3	3 Phase motor horsepower				Single phase		Number of power poles	Auxiliary contacts	Catalog number	List price
		208V	230V	460V	600V	120V	230V				
AC operated											
12	6.8	1	2	3	1	1/2	1	3	1 N.O. 1 N.C.	B6SR-Δ‡ B6SR-Δ01‡	\$ 179
16	9.6	2	3	5	5	1	2	3	1 N.O. 1 N.C.	B7SR-Δ‡ B7SR-Δ01‡	218
DC operated											
12	6.8	1	2	3	1	1/2	1	3	1 N.O. 1 N.C.	BC6SR-Δ‡ BC6SR-Δ01‡	180
16	9.6	2	3	5	5	1	2	3	1 N.O. 1 N.C.	BC7SR-Δ‡ BC7SR-Δ01‡	231

Δ Coil voltage suffix. Refer to Coil Voltage Selection chart and substitute the desired coil voltage suffix for the Δ.
‡ Overload relay suffix. Refer to the Overload Relay Selection chart and substitute the desired starter suffix code for the ‡.

Coil voltage selection

	Volts								
	12	24	42	48	110/125	110/120	220	220/240	380/415
AC 40-450 Hz		F	L	G		1		2	M
DC	U	Y	V	W	P		R		

Overload relay selection

T7DU – Thermal overload

Catalog number	Current setting range	Starter range code
T7DU0.16	0.1 – 0.16	A
T7DU0.24	0.16 – 0.24	B
T7DU0.4	0.24 – 0.4	C
T7DU0.6	0.4 – 0.6	D
T7DU1.0	0.6 – 1.0	E
T7DU1.6	1.0 – 1.6	F
T7DU2.4	1.6 – 2.4	G
T7DU4.0	2.4 – 4.0	H
T7DU6.0	4.0 – 6.0	J
T7DU9.0	6.0 – 9.0	K
T7DU12.0	9.0 – 12.0	L

E16DU – Electronic overload

Catalog number	Current setting range	Current tripping class	Starter range code
E16DU0.32-10	0.1 – 0.32	10	A1
E16DU1.0-10	0.3 – 1.0	10	B1
E16DU2.7-10	0.9 – 2.7	10	C1
E16DU6.3-10	2.0 – 6.3	10	D1
E16DU18.9-10	5.7 – 18.9	10	E1
E16DU0.32-20	0.1 – 0.32	20	A2
E16DU1.0-20	0.3 – 1.0	20	B2
E16DU2.7-20	0.9 – 2.7	20	C2
E16DU6.3-20	2.0 – 6.3	20	D2
E16DU18.9-20	5.7 – 18.9	20	E2
E16DU0.32-30	0.1 – 0.32	30	A3
E16DU1.0-30	0.3 – 1.0	30	B3
E16DU2.7-30	0.9 – 2.7	30	C3
E16DU6.3-30	2.0 – 6.3	30	D3
E16DU18.9-30	5.7 – 18.9	30	E3

① For enclosed miniature starters, please consult factory for catalog number and pricing.

Starters ①

B6 & B7, Non-reversing

Single phase

Non-Reversing, Single phase – Screw connections only

General purpose AC1	Maximum motor FLA AC3	Single phase		Number of power poles	Auxiliary contacts	Catalog number	List price
		120V	230V				
AC operated							
12	6.8	1/2	1	3	1 N.O. 1 N.C.	B6SS-Δ‡ B6SS-Δ01‡	\$ 108
16	9.6	1	2	3	1 N.O. 1 N.C.	B7SS-Δ‡ B7SS-Δ01‡	132
DC operated							
12	6.8	1/2	1	3	1 N.O. 1 N.C.	BC6SS-Δ‡ BC6SS-Δ01‡	114
16	9.6	1	2	3	1 N.O. 1 N.C.	BC7SS-Δ‡ BC7SS-Δ01‡	138

Δ Coil voltage suffix. Refer to Coil Voltage Selection chart and substitute the desired coil voltage suffix for the Δ.

‡ Overload relay suffix. Refer to the Overload Relay Selection chart and substitute the desired starter suffix code for the ‡.

Coil voltage selection

	Volts								
	12	24	42	48	110/125	110/120	220	220/240	380/415
AC 40-450 Hz		F	L	G		1		2	M
DC	U	Y	V	W	P		R		

Overload relay selection

T7DU – Thermal overload

Catalog number	Current setting range	Starter range code
T7DU0.16	0.1 – 0.16	A
T7DU0.24	0.16 – 0.24	B
T7DU0.4	0.24 – 0.4	C
T7DU0.6	0.4 – 0.6	D
T7DU1.0	0.6 – 1.0	E
T7DU1.6	1.0 – 1.6	F
T7DU2.4	1.6 – 2.4	G
T7DU4.0	2.4 – 4.0	H
T7DU6.0	4.0 – 6.0	J
T7DU9.0	6.0 – 9.0	K
T7DU12.0	9.0 – 12.0	L

① For enclosed miniature starters, please consult factory for catalog number and pricing.