

MINI CONTACTORS

4 TO 5.5kW

Features:

- 3 Pole.
- One built-in auxiliary contact.
- Resistive or motor loads up to 690V AC.
- Efficient and space saving.
- DIN or wall mounting.
- IEC/EN 60947-4-1.



B6301001



BC7300101

3 POLE - CONTACTORS - WITH SCREW TERMINALS

415V AC-3 (kW)	AC-1 (A)	Control Voltage	Auxiliary		Part No.
			NO	NC	
4	20	24V AC	1	0	B6301001
			0	1	B6300101
		220 ... 240V AC	1	0	B6301080
			0	1	B6300180
		24V DC	1	0	BC6301001
			0	1	BC6300101
5.5	20	24V AC	1	0	B7301001
			0	1	B7300101
		220 ... 240V AC	1	0	B7301080
			0	1	B7300180
		24V DC	1	0	BC7301001
			0	1	BC7300101

- AC1 Current ratings considered at $\theta \leq 40^\circ\text{C}$.

Features:

- 3 Pole.
- Add-on auxiliary contact.
- Built-in mechanical interlock.
- Resistive or motor loads up to 690V AC.
- Efficient and space saving.
- DIN or wall mounting.
- IEC/EN 60947-4-1.



VB6300101



VBC7300101

3 POLE - MINI REVERSING CONTACTORS - WITH SCREW TERMINALS

415V AC-3 (kW)	AC-1 (A)	Control Voltage	Auxiliary		Part No.
			NO	NC	
4	20	24V AC	1	0	VB6301001
			0	1	VB6300101
		220 ... 240V AC	1	0	VB6301080
			0	1	VB6300180
		24V DC	1	0	VBC6301001
			0	1	VBC6300101
5.5	20	24V AC	1	0	VB7301001
			0	1	VB7300101
		220 ... 240V AC	1	0	VB7301080
			0	1	VB7300180
		24V DC	1	0	VBC7301001
			0	1	VBC7300101

- AC1 Current ratings considered at $\theta \leq 40^\circ\text{C}$.

MINI CONTACTORS & OVERLOADS

4 TO 5.5kW

Features:

- 4 Pole.
- Add-on auxiliary contact.
- Resistive loads up to 690V AC.
- DIN or wall mounting.



B6400001

4 POLE - 4NO POWER CONTACTS - WITH SCREW TERMINALS

415V AC-3 (kW)	AC-1 (A)	Control Voltage	Part No.
4	20	24V AC	B6400001
		24V DC	BC6400001
5.5	20	24V AC	B7400001
		24V DC	BC7400001

- AC1 Current ratings considered at $\theta \leq 40^\circ\text{C}$.

4 POLE - 2NO 2NC POWER CONTACTS - WITH SCREW TERMINALS

415V AC-3 (kW)	AC-1 (A)	Control Voltage	Part No.
4	20	24V AC	B6220001
		24V DC	BC6220001
5.5	20	24V AC	B7220001
		24V DC	BC7220001

- AC1 Current ratings considered at $\theta \leq 40^\circ\text{C}$.

Features:

- Selectable manual or automatic reset.
- Phase loss sensitive acc. to IEC/EN 60947-4-1.
- TEST and STOP function - Trip indication on the front.
- Temperature compensation.
- Suitable for three- and single-phase applications.
- Tripping class 10.



T16

THERMAL OVERLOAD RELAYS

To Suit	Setting range		Short-circuit protective device	Part No.
	A (min.)	A (max.)		
B6, BC6, VB6, BC7, B7 VB7, VBC6, VBC7, MC1, MC2	0.10	0.13	0.5A, fuse type T	T16-0.13
	0.13	0.17	1.0A, fuse type T	T16-0.17
	0.17	0.23	1.0A, fuse type T	T16-0.23
	0.23	0.31	1.0A, fuse type T	T16-0.31
	0.31	0.41	2.0A, fuse type gG	T16-0.41
	0.41	0.55	2.0A, fuse type gG	T16-0.55
	0.55	0.74	4.0A, fuse type gG	T16-0.74
	0.74	1.00	6.0A, fuse type gG	T16-1.0
	1.00	1.30	6.0A, fuse type gG	T16-1.3
	1.30	1.70	10.0A, fuse type gG	T16-1.7
	1.70	2.30	10.0A, fuse type gG	T16-2.3
	2.30	3.10	10.0A, fuse type gG	T16-3.1
	3.10	4.20	20.0A, fuse type gG	T16-4.2
	4.20	5.70	20.0A, fuse type gG	T16-5.7
	5.70	7.60	35.0A, fuse type gG	T16-7.6
	7.60	10.0	35.0A, fuse type gG	T16-10
	10.0	13.0	40.0A, fuse type gG	T16-13
	13.0	16.0	40.0A, fuse type gG	T16-16

Features:

- Selectable manual or automatic reset.
- TEST and STOP function - Trip indication on the front.
- High accuracy.
- Temperature compensation.
- Trip contact (N.C.), signal contact (N.O.),
- Tripping class 10E, 20E, 30E.



E16DU

ELECTRONIC OVERLOAD RELAYS

To Suit	Setting range		Short-circuit protective device	Part No.
	A (min.)	A (max.)		
B6, B7, BC6, BC7, VB6, VB7, VBC6, VBC7, MC1, MC2	0.10	0.32	1A, fuse type gG	E16DU-0.32
	0.30	1.00	4A, fuse type gG	E16DU-1.0
	0.80	2.70	10A, fuse type gG	E16DU-2.7
	2.00	6.30	20A, fuse type gG	E16DU-6.3
	5.70	18.9	50A, fuse type gG	E16DU-18.9

MINI CONTACTOR - ACCESSORIES



DB16



CA611E



CAF611K



BSM630



RVBC6/...

OVERLOAD RELAY ACCESSORIES

To Suit	Description	Part No.
T16	Side mounting kit	DB16

SIDE MOUNTED INSTANTANEOUS AUXILIARY CONTACT BLOCK

Suitable for	Auxiliary		Part No.
	NO	NC	
B6, B74000, BC6, BC74000	1	1	CA611E
B6, B73010, BC6, BC73010	1	1	CA611M
B6, B73001, BC6, BC73001	1	1	CA611N

FRONT MOUNTED INSTANTANEOUS AUXILIARY CONTACT BLOCK

Suitable for	Auxiliary		Part No.
	NO	NC	
B6, B74000, BC74000, VB6, VB7, VBC6, VBC7	1	1	CAF611E
	2	0	CAF620E
	0	2	CAF602E
B6, BC6, B7-30-10, BC7-30-10, VB6, VB7, VBC6, VBC7	1	1	CAF611M
	2	0	CAF620M
	0	2	CAF602M
B6, BC6, B7-30-01, BC7-30-01, VB6, VBC6, VB7, VBC7	1	1	CAF611N
	2	0	CAF620N
	0	2	CAF602N

- Auxiliary Switches CA 6 and CAF 6 must not be fitted simultaneously.
- E, M, N aux contact blocks are physically the same but with different markings governed by IEC standard.

OTHER ACCESSORIES

Description	Part No.
Connection set for reversing contactors (VB, VBC)	BSM630
Parallel connecting link for B6, BC6, B7, BC7	LP6

Description	Suitable for	Rated control voltage (VDC)	Connection type	Part No.
Surge suppressor	BC6, BC7	50 ... 250	Cable lug	RVBC6/250
		24 ... 60		RVBC6/60