

# CE CONTACTOR TECHNICAL SPECIFICATIONS



## CE CONTACTOR SPECIFICATION

		CE-D09	CE-D12	CE-D18	CE-D25	CE-D32	CE-D40	CE-D50	CE-D65	CE-D80	CE-D95	CE-F115	CE-D185
Insulation Voltage (IEC)	Volts	600	600	600	600	600	600	600	600	600	600	600	600
Thermal current (AC1)	Amps	25	25	32	40	50	60	80	80	125	125	200	275
AC3 440V	Amps	9	12	18	25	32	40	50	65	80	95	115	185
3Ø 230V	KW/HP	2,2/3	3/4	4/5,5	6/8	9/11	10,5/14	12,5/17	17/22	21/28	25/34	31/42	50/68
400V	KW/HP	4/5,5	5,5/7,5	7,5/10	11/15	15/20	18,5/25	22/30	30/40	37/50	45/60	55/75	90/120
440V	KW/HP	4.5/6	6/8	8/11	12/17	17/22	20/27.5	24/33	33/44	40/55	50/66	60/82	100/150
550V	KW/HP	5,5/7,5	7,5/10	10/14	14/20	20/27	25/35	30/41	41/55	50/68	61/82	75/100	122/165
Thermal current (UL)	AC 1	23	32	40	40	60	80	80	100	150	160	200	225
1Ø 230V	KW/HP												
3Ø 230V	KW/HP	2,2/3	3/4	4/5,5	6/8	9/11	10,5/14	12,5/17	17/22	21/28	25/34	31/42	50/68
400V	KW/HP	4/5,5	5,5/7,5	7,5/10	11/15	15/20	18,5/25	22/30	30/40	37/50	45/60	55/75	90/120
460V	KW/HP	4.5/6	6/8	8/11	12/17	17/22	20/27.5	24/33	33/44	40/55	50/66	60/82	100/150
550V	KW/HP	5,5/7,5	7,5/10	10/14	14/20	20/27	25/35	30/41	41/55	50/68	61/82	75/100	122/165
Contacts	Main Aux	3P 1 or 1	3P 1 or 1	3P 1 or 1	3P 1 or 1	3P 1 or 1	3P 1 + 1	3P 1 + 1	3P 1 + 1	3P 1 + 1	3P 1 + 1	3P 1 + 1	3P 1 + 1
Applicable over-load	CE2	D13	D13	D13	D23	D33	D33	D33	D33	D33	D33	D62	D62



## CE CONTROL CIRCUIT CHARACTERISTICS

		CE-D09	CE-D12	CE-D18	CE-D25	CE-D32	CE-D40	CE-D50	CE-D65	CE-D80	CE-D95	CE-F115	CE-D185
Coil Characteristics													
Pickup	%	78	78	78	78	78	78	78	78	78	78	75	75
Dropout	%	20/70	20/70	20/70	20/70	20/70	20/70	20/70	20/70	20/70	20/70	20/70	20/70
Coil Consumption													
Inrush	VA	70	70	70	110	110	200	200	200	200	200	550	805
Sealed	VA	8	8	8	9	22	22	22	34	64	64	45	55
Loss	W	3	3	3	4	4	10	10	10	10	10	12	12
Operation time													
Closing	ms	11-21	11-21	13-24	13-24	16-30	16-30	16-30	14-29	16-35	16-35	20-44	20-44
Opening	ms	8-20	8-20	7-21	7-21	12-25	12-25	12-25	6-14	5-14	5-14	9-20	9-20
Life													
Mechanical	x10 <sup>n</sup>	10	10	10	10	10	10	10	10	10	5	5	5
Electrical	x10 <sup>n</sup>	1	1	1	1	1	1	1	1	1	1	1	1
Frequency	Ops/hr	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
Auxiliary contacts	Voltage	600	600	600	600	600	600	600	600	600	600	600	600
	AC1	10	10	10	10	10	10	10	10	10	10	10	10



## CE PLUG-IN RELAY CHARACTERISTICS

	CONTACT RATING	COIL CONSUMPTION	PICK-UP	DROP-OUT	CONTACT RATING	COIL CONSUMPTION	PICK-UP	DROP-OUT
RELAY	<b>AC</b>	<b>AC</b>	<b>AC</b>	<b>AC</b>	<b>DC</b>	<b>DC</b>	<b>DC</b>	<b>DC</b>
MK-2P (8 PIN)	10A @ 250V	1,2VA	80%	30%	10A @ 28V	0,9W	75%	10%
MK-3P (11 PIN)	10A @ 250V	0,9W	80%	30%	10A @ 28V	0,9W	75%	10%