

# Пускатели, контакторы 11

KEDU.....	434
ABB.....	434
BENEDIKT & JÄGER.....	437
GENERAL ELECTRIC (AEG).....	438
HARTLAND.....	440
ISKRA (FANAL).....	440
LOVATO.....	442
MOELLER/EATON.....	443
SIEMENS.....	444
TELEMECANIQUE (Schneider Electric).....	446
ABL SURSUM.....	448
ALLEN BRADLEY.....	448
NOVOCOOL.....	449
TRIPUS (Eichhoff).....	449



# КОНТАКТОР

## KEDU

### power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380873	16	230VAC	6.1A/2.2	2NO/2NC	-	screw connection	JD6.01
1 380872	16	230VAC	6.1A/2.2	3NO	1NC	screw connection	JD6.01
1 380871	16	230VAC	6.1A/2.2	3NO	1NO	screw connection	JD6.10
2 381206	20	240VAC	9A/4	3NO	1NC	screw connection	CKDC1C0927
2 381205	20	240VAC	9A/4	3NO	1NO	screw connection	CKDC1B0927
2 381207	20	240VAC	9A/4	4NO	-	screw connection	CKDC1H0927
3 381209	32	240VAC	16A/7.5	3NO	1NC	screw connection	CKDC2C1627
3 381208	32	240VAC	16A/7.5	3NO	1NO	screw connection	CKDC2B1627
3 381210	32	240VAC	16A/7.5	4NO	-	screw connection	CKDC2H1627
4 381211	65	240VAC	30A/15	3NO	-	screw connection	CKDC2A3027

### auxiliary contacts



fig.	contacts	for contactors	fig.	contacts	for contactors	fig.	contacts	for contactors
1 381214	1NO/1NC	CKDC2	2 381212	3NO/1NC	CKDC1	3 381215	3NO/1NC	CKDC2
2 381213	2NO/2NC	CKDC1	3 381216	2NO/2NC	CKDC2			

## ABB

### power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380102	20	24VAC	12A/5.5	3NO	1NO	screw connection	B6-30-10 / B7-30-10
1 381117	20	24VAC	12A/5.5	4NO	-	screw connection	B6-40-00 / B7-40-00
1 380101	20	230VAC	12A/5.5	3NO	1NC	screw connection	B6-30-01 / B7-30-01
1 380100	20	230VAC	12A/5.5	3NO	1NO	screw connection	B6-30-10 / B7-30-10
1 380092	20	230VAC	12A/5.5	4NO	-	screw connection	B6-40-00 / B7-40-00
1 380111	20	400VAC	12A/5.5	3NO	1NC	screw connection	B6-30-01 / B7-30-01

Table continues overleaf




fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380110	20	400VAC	12A/5.5	3NO	1NO	screw connection	B6-30-10 / B7-30-10
2 380097	20	24VAC	12A/5.5	3NO	1NO	solder connection	B6-30-10P / B7-30-10P
3 381262	20	24VAC	12A/4	2x3NO	2x1NO	screw connection	VB6-30-10 / VB7-30-10
4 380096	20	230VAC	12A/5.5	3NO	1NC	F6.3	B6-30-01F / B7-30-01F
4 380095	20	230VAC	12A/5.5	3NO	1NO	F6.3	B6-30-10F / B7-30-10F



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380107	25	24VAC	9A/4	3NO	1NC	screw connection	A9-30-01
1 380106	25	24VAC	9A/4	3NO	1NO	screw connection	A9-30-10
1 380105	25	230VAC	9A/4	3NO	1NC	screw connection	A9-30-01
1 380104	25	230VAC	9A/4	3NO	1NO	screw connection	A9-30-10
1 380117	25	230VAC	9A/4	4NO	-	screw connection	A9-40-00
1 381016	27	230VAC	12A/5.5	3NO	1NC	screw connection	A12-30-01
1 381015	27	230VAC	12A/5.5	3NO	1NO	screw connection	A12-30-10
1 381313	30	24VAC	17A/7.5	3NO	1NC	screw connection	A16-30-01
1 381314	30	24VAC	17A/7.5	3NO	1NO	screw connection	A16-30-10
1 381263	30	24VAC	17A/7.5	4NO	-	screw connection	A16-40-00
1 380109	30	230VAC	17A/7.5	3NO	1NC	screw connection	A16-30-01
1 380108	30	230VAC	17A/7.5	3NO	1NO	screw connection	A16-30-10
1 381017	30	230VAC	17A/7.5	4NO	-	screw connection	A16-40-00
1 381312	30	400VAC	17A/7.5	4NO	-	screw connection	A16-40-00
2 381264	40	24VAC	26A/11	4NO	-	screw connection	A26-40-00
2 381022	45	24VAC	26A/11	3NO	1NO	screw connection	A26-30-10
2 380113	45	230VAC	26A/11	3NO	1NC	screw connection	A26-30-01
2 380112	45	230VAC	26A/11	3NO	1NO	screw connection	A26-30-10
2 381018	45	230VAC	26A/11	4NO	-	screw connection	A26-40-00
2 381020	45	400VAC	26A/11	3NO	1NC	screw connection	A26-30-01
2 381019	45	400VAC	26A/11	3NO	1NO	screw connection	A26-30-10
3 381265	55	24VAC	30A/15	3NO	1NO	screw connection	A30-30-10
3 380114	55	230VAC	32A/15	3NO	1NO	screw connection	A30-30-10
4 381266	70	24VAC	45A/18.5	4NO	-	screw connection	A45-40

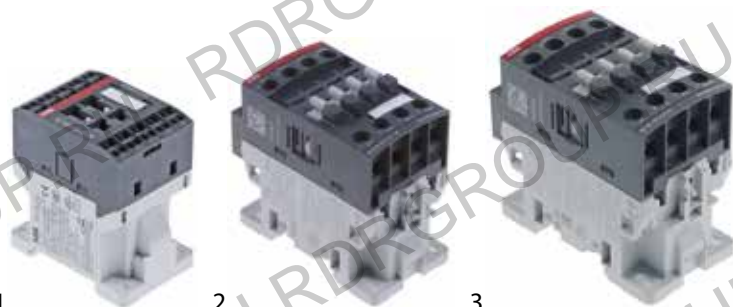


fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 381175	22	230VAC	5.5	3NO	1NO	plug-in connection	AS12-30-10S-26
2 381122	25	100-250VAC	9A/4	3NO	1NO	screw connection	AF09-30-10-14
3 381352	27	100-250VAC	12A/5.5	3NO	1NC	screw connection	AF12-30-01-13
3 381351	27	100-250VAC	12A/5.5	3NO	1NO	screw connection	AF12-30-10-13
3 381259	30	100-250VAC	17A/7.5	3NO	1NC	screw connection	AF16-30-01-13
3 381353	45	100-250VAC	26A/11	4NO	-	screw connection	AF26-30-00-13
3 381354	50	100-250VAC	38A/18.5	4NO	-	screw connection	AF38-30-00-13

## auxiliary contacts



fig.	contacts	AC1 (A)	AC15 (A)	connection	for contactors	fig.	GEVNo.	contacts	AC1 (A)	AC15 (A)	connection	for contactors
1 381027	1NO/1NC	6	3	screw connection	B6/B7/VB7	5 380128		2NO/2NC	16	3	screw connection	A9-A50
2 381028	1NO/1NC	6	3	screw connection	B6/B7/VB7	5 381038		3NO/1NC	16	3	screw connection	A9-A50
2 381029	2NO	6	3	screw connection	B6/B7/VB7	5 381037		4NO	16	3	screw connection	A9-A50
2 381030	2NC	6	3	screw connection	B6/B7/VB7	6 381370		1NO	16	3	screw connection	AF09-AF38
3 381031	1NO/1NC	16	3	screw connection	B6/B7/VB7	7 381371		1NC	16	3	screw connection	AF09-AF38
4 380126	1NC	16	3	screw connection	A9-A50	8 381372		1NO/1NC	16	3	screw connection	AF09-AF38
4 380127	1NO	16	3	screw connection	A9-A50							

## auxiliary contacts with time control



fig.	contacts	connection	for contactors	run-time (s)
1 381179	1NO/1NC	screw connection	A9-A75	0.1-40





## BENEDIKT & JÄGER

### power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 381161	20	230VAC	9A/5	3NO	1NO	screw connection	K1-09D10
2 380779	25	24VAC	14A/5.5	3NO	1NO	screw connection	K3-14A1024
2 380773	25	230VAC	10A/4	3NO	1NO	screw connection	K3-10A01230
2 380772	25	230VAC	10A/4	3NO	1NO	screw connection	K3-10A10230
2 381083	25	230VAC	14A/5.5	3NO	1NC	screw connection	K3-1401230
2 381082	25	230VAC	14A/5.5	3NO	1NO	screw connection	K3-14A10230
2 381084	25	230VAC	14A/5.5	4NO	-	screw connection	K3-14NA00
2 381184	25	180-210VAC	10A/4	3NO	1NC	screw connection	K3-10ND01 180
3 381282	25	230VAC	10A/4	3NO	1NC	screw connection	K3-10ND10 230
3 381171	32	24VAC	22A/11	3NO	1NO	screw connection	K3-22ND10
3 381164	32	230VAC	18A/7.5	3NO	1NC	screw connection	K3-18ND01
3 380774	32	230VAC	18A/7.5	3NO	1NO	screw connection	K3-18ND10
3 381165	32	230VAC	22A/11	3NO	1NC	screw connection	K3-22ND01
4 381176	32	230VAC	30A/15	3NO	1NO	screw connection	K3-30A00230
5 381085	50	230VAC	24A/11	3NO	-	screw connection	K3-24A00230
5 380775	65	230VAC	32A/15	3NO	-	screw connection	K3-32A00230
5 380776	80	230VAC	40A/18.5	3NO	-	screw connection	K3-40A00230

### auxiliary contactors



fig.	supply	AC15 (A)	AC1 (A)	type	resistive load (A)	contacts
1 381281	220/240VAC	2	10	K3-07ND40		4NO

### auxiliary contacts



fig.	contacts	AC15 (A)	for contactors	connection	type	AC1 (A)	fig.	contacts	AC15 (A)	for contactors	connection	type	AC1 (A)
1 380677	1NC	10	K2/K3	screw	HN01	25	2 381086	1NC	10	K2/K5	screw	HA01	25
1 380678	1NO	10	K2/K3	screw	HN10	25	2 380781	1NO	6	K2/K5	screw	HA10	25



## GENERAL ELECTRIC (AEG)

## power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type AEG	type GE	
1	381260	16	230VAC	6A/3	3NO	1NC	F6.3	LS0701F	
2	380846	16	230VAC	9A/4	3NO	1NC	F6.3	LS05 01A	MC1A 301A
2	380845	16	230VAC	9A/4	3NO	1NO	F6.3	LS0510A	MC1A 310A
2	380498	20	230VAC	9A/4	4NO	-	F6.3	LS05 01 FA	MC1A 400A
3	380840	20	24VAC	9A/4	3NO	1NC	screw connection	LS05 01A	MC1A 310A
3	380839	20	24VAC	9A/4	3NO	1NO	screw connection	LS0510A	MC1A 310A
3	380239	20	230VAC	8.4A/4	3NO	1NC	screw connection	LS05 01A	MC1A 301A
3	380238	20	230VAC	8.4A/4	3NO	1NO	screw connection	LS0510A	MC1A 310A
3	380337	20	230VAC	8.4A/4	4NO	-	screw connection	LS05 400A	MC1A 400A
3	380837	20	230VAC	9A/4	3NO	1NO	screw connection	LS0510A	MC1A 310A
3	380838	20	400VAC	9A/4	3NO	1NC	screw connection	LS05 01A	MC1A 301A
4	380249	25	24VAC	9A/4	3NO	1NC	screw connection	LS4K 01A	CL00A 301
4	380248	25	24VAC	9A/4	3NO	1NO	screw connection	LS4K 10A	CL00A 310
4	381136	25	24VAC	12A/5.5	3NO	1NO	screw connection	-	CL01A310T1
4	380245	25	230VAC	9A/4	3NO	1NC	screw connection	LS4K 01A	CL00A 301
4	380244	25	230VAC	9A/4	3NO	1NO	screw connection	LS4K 10A	CL00A 310
4	381095	25	230VAC	12A/5.5	3NO	1NO	screw connection	-	CL01A400T6
4	380247	25	400VAC	9A/4	3NO	1NC	screw connection	LS4K 01A	CL00A 301
4	380246	25	400VAC	9A/4	3NO	1NO	screw connection	LS4K 10A	CL00A 310
4	381191	25	400VAC	12A/5.5	3NO	1NO	screw connection	-	CL01A310T6
4	380262	32	230VAC	17A/7.5	3NO	1NC	screw connection	LS7K01A	CL02A 301
4	381154	32	230VAC	17A/7.5	3NO	1NO	screw connection	-	CL02A310R6
4	380261	32	230VAC	17A/7.5	3NO	1NO	screw connection	LS7K 10A	CL02A 310
4	380263	32	230VAC	17A/7.5	4NO	-	screw connection	LS7K 400A	CL00A 310
5	380671	45	24VAC	25A/11	3NO	-	screw connection	LS11K 00A	CL25A300T1
5	380264	45	230VAC	25A/11	3NO	-	screw connection	LS11K 00A	CL25A 300
6	380265	60	230VAC	32A/16	3NO	1NO	screw connection	LS15K 00A	CL04A 310



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type AEG	type GE	
7	380695	90	230VAC	50A/22	3NO	-	screw connection	LS22K 00A	CL06A 300
7	380267	110	230VAC	65A/30	3NO	-	screw connection	LS30K 00A	CL07A 300



auxiliary contactors



fig.	supply	AC15 (A)	AC1 (A)	auxiliary contacts	main contacts	connection	type AEG	type GE
1 380842	230VAC	4	16	1NC	3NO	screw connection	SH05.3A	MCRA031ATN
1 380843	230VAC	4	16	2NC	2NO	screw connection	SH05.22A	MCRA022ATN

auxiliary contacts

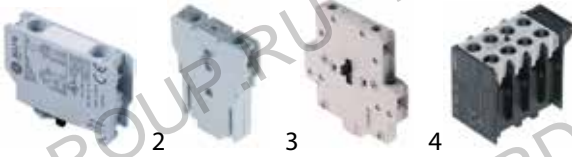


fig.	contacts	for contactors	connection	AC-12 (A)	fig.	contacts	for contactors	connection	AC-12 (A)
1 380269	1NC	CL+LS_K	screw	10	3 380271	2NO	CL+LS_K	screw	10
1 380268	1NO	CL+LS_K	screw	10	4 380242	1NO/1NC	M+LS05	screw	10
2 380241	1NC	M+LS05	screw	10	4 380685	1NO/3NC	M+LS05	screw	10
2 380240	1NO	M+LS05	screw	10	4 380243	2NO/2NC	M+LS05	screw	10
3 380270	1NO/1NC	CL+LS_K	screw	10	4 380387	3NO/1NC	M+LS05	screw	10

motor protection circuit breakers



fig.	type	setting range (A)	fig.	type	setting range (A)
1 380940	GPS1BSAH	2.5-4	1 380939	GPS1BSAJ	4-6.3

**HARTLAND**

## power contactors



fig.	resistive load (A)	supply	P (HP)	(AC3/240V) (kW)	main contacts	connection	type
1 381283	40	24VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY3XQ02CY
1 381278	40	120VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY3XT02CY
1 381284	40	208/240VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY3XU02CY
1 381277	50	24VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY3XQ04CG
1 381301	50	110/120VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY4XT04CG
1 381285	50	208/240VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	HCCY3XU04CG
1 381286	65	24VAC	50A/15	50A/11.19	3NO	screw clamp/male faston 6.3mm	HCCY3XQ05CJ
1 381287	65	208/240VAC	50A/15	50A/11.19	3NO	screw clamp/male faston 6.3mm	HCCY3XU05CJ
1 381288	75	208/240VAC	60A/25	60A/18.5	3NO	screw clamp/male faston 6.3mm	HCCY3XU06CJ
2 381289	40	24VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XQ02CY
2 381297	40	110/120VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XT02CY
2 381298	40	208/240VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XU02CY
2 381299	50	24VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XQ04CG
2 580012	50	240VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XU04CG
2 381300	50	110/120VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	HCCY4XT04CG

**ISKRA (FANAL)**

## power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type Fanal	type ISKRA
1 380415	16	230VAC	8.5A/5.5	3NO	1NC	F6.3	DSL7 01	K07MF 01
1 380416	16	230VAC	8.5A/5.5	3NO	1NO	F6.3	DSL7 10	K07MF 10
2 380402	20	12VDC	8.5A/5.5	3NO	1NC	screw connection	DSL7 01	K07MG 01
2 380401	20	12VDC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07MG 10
2 380412	20	24VAC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07M 10
2 380417	20	24VDC	8.5A/5.5	3NO	1NC	screw connection	DGSL-01	K07MG 01
2 380418	20	24VDC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07MG 10
2 380212	20	230VAC	8.5A/5.5	3NO	1NC	screw connection	K07M 01	DSL7 01
2 380213	20	230VAC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07M 10
2 380406	20	12VAC	8.5A/5.5	3NO	1NC	screw connection	DSL7 01	K07M 01
2 380405	20	12VAC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07M 10
2 380413	20	400VAC	8.5A/5.5	3NO	1NC	screw connection	DSL7 01	K07M 01
2 380414	20	400VAC	8.5A/5.5	3NO	1NO	screw connection	DSL7 10	K07M 10
3 380547	20	230VAC	5A/2.2	3NO	1NC	screw connection	DSL3 01	K03M 01
3 380546	20	230VAC	5A/2.2	3NO	1NO	screw connection	DSL3 10	K03M 10

Table continues overleaf





fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type Fanal	type ISKRA
4 380420	25	24VAC	9A/4	3NO	1NO	screw connection	DSL9 10	KNL9 10
4 380203	25	230VAC	9A/4	3NO	1NC	screw connection	DSL9 01	KNL9 01
4 380204	25	230VAC	9A/4	3NO	1NO	screw connection	DSL9 10	KNL9 10
4 380219	25	230VAC	17A/7.5	3NO	1NC	screw connection	DSL16 01	KNL16 01
4 380224	25	230VAC	17A/7.5	3NO	1NO	screw connection	DSL16 10	KNL16 10
4 380421	25	400VAC	9A/4	3NO	1NC	screw connection	DSL9 01	KNL9 01
5 380423	35	230VAC	25A/11	3NO	-	screw connection	DSL22	KNL22

auxiliary contactors



**technical data:**  
 resistive load AC1 20A  
 supply 230VAC  
 electromagnetic power AC15 4A

fig.	contacts	connection	type Fanal	type ISKRA	fig.	contacts	connection	type Fanal	type ISKRA
1 380207	2NO/2NC	screw connection	DSL7 22	K07C 22	1 380205	4NO	screw connection	DSL3 40	K03C 40
1 380206	3NO/1NC	screw connection	DSL7 31	K07C 31					

installation contactors



fig.	supply (V)	resistive load (A)	(AC3/400V) (kW)	main contacts	type	fig.	supply (V)	resistive load (A)	(AC3/400V) (kW)	main contacts	type
1 380256	230	20	1.3	1NO/1NC	IKA20-11	2 380250	230	20	1.5	4NO	IK21-10
1 380255	230	20	1.5	2NO	IKA20-20	3 380257	230	25	2.2	4NO	IKA25-40
2 380251	230	20	1.5	3NO/1NC	IK21-01	4 380260	230	63	18.5	4NO	IK63-40

**auxiliary contacts**

fig.	contacts	AC15 (A)	for contactors	type Fanal	type ISKRA	fig.	contacts	AC15 (A)	for contactors	type Fanal	type ISKRA		
1	381060	1NC	4	KNL22/KNL30	-	NPL2-01	2	380427	3NO/1NC	6	KNL22/KNL30	SV3 31	NDL3 31
1	381058	1NC	4	KNL9/KN16	-	NPL1-01	2	380199	3NO/1NC	6	KNL9/KN16	SV2 31	NDL2 31
1	381059	1NO	4	KNL22/KNL30	-	NPL2-10	3	380226	2NO/2NC	6	K03C/K07C	SC4 22	ND4C 22
1	381057	1NO	4	KNL9/KN16	-	NPL1-10	3	380225	3NO/1NC	6	K03C/K07C	SC4 31	ND4C 31
2	381056	2NO/2NC	4	KNL40/KNL65	SV5 22	NDL5 22	3	380227	3NO/1NC	6	K03M/K07M	SM4 13	ND4M 13
2	380428	2NO/2NC	6	KNL22/KNL30	SV3 22	NDL3 22	3	380429	4NO	6	K03C/K07C	SC4 40	ND4C 40
2	380426	2NO/2NC	6	KNL9/KN16	SV2 22	NDL2 22	4	380228	2NO/2NC	6	K03M/K07M	SM4 22	ND4M 22
2	381055	3NO/1NC	4	KNL40/KNL65	SV5 31	NDL5 31	4	380229	3NO/1NC	6	K03M/K07M	SM4 31	ND4M 31

**LOVATO****power contactors**

fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type	
1	380086	16	230VAC	5A/2.2	3NO	1NC	screw connection	11BG0601A230
1	380087	16	230VAC	5A/2.2	3NO	1NO	screw connection	11BG0610A230
1	380478	20	24VAC	9A/4	2NO	2NC	screw connection	11BG09T2A24
1	381102	20	24VAC	9A/4	4NO	-	screw connection	11BG09T4A24
1	380706	20	230VAC	9A/4	2NO	2NC	screw connection	11BG09T2A230
1	380704	20	230VAC	9A/4	3NO	1NC	screw connection	11BG0901A230
1	380705	20	230VAC	9A/4	3NO	1NO	screw connection	11BG0910A230
1	380964	20	230VAC	9A/4	4NO	-	screw connection	11BG09T4A230
1	380888	20	230VAC	12A/5.7	3NO	1NC	screw connection	11BG1201A230
1	380709	20	400VAC	9A/4	3NO	1NC	screw connection	11BG0901A400
1	380710	20	400VAC	9A/4	3NO	1NO	screw connection	11BG0910A400
2	380711	20	230VAC	9A/4	3NO	1NC	male faston	11BGF0901A230
2	380712	20	230VAC	9A/4	3NO	1NO	male faston	11BGF0910A230
3	381103	25	24VAC	9A/4.2	4NO	-	screw connection	BF09T4A024
3	380083	25	230VAC	9A/4.2	3NO	1NC	screw connection	BF0901A230
3	380714	25	230VAC	9A/4.2	3NO	1NO	screw connection	BF0910A230
3	380525	25	230VAC	9A/4.2	4NO	-	screw connection	BF09T4A230
3	380717	32	230VAC	18A/7.5	3NO	1NC	screw connection	BF1801A230
3	380718	32	230VAC	18A/7.5	3NO	1NO	screw connection	BF1810A230
3	380720	32	230VAC	25A/12.5	3NO	1NO	screw connection	BF2510A230
3	380721	45	230VAC	26A/13	3NO	-	screw connection	BF2600A230
3	381104	56	24VAC	32A/16	3NO	-	screw connection	BF3200A024
3	380722	56	230VAC	32A/16	3NO	-	screw connection	BF3200A230
4	381186	40	24VAC	20A/9.7	3NO	-	screw connection	BF2000245060
5	380723	90	230VAC	50A/25	3NO	-	screw connection	BF5000A230



auxiliary contacts



fig.	contacts	AC1 (A)	for contactors	connection	type	fig.	contacts	AC1 (A)	for contactors	connection	type		
1	380735	1NC	10	BF series	screw	11G41801	4	380733	4NC	10	BF series	screw	BFX1004
1	380734	1NO	10	BF series	screw	11G41810	4	380729	4NO	10	BF series	screw	BFX1040
2	380118	1NO/1NC	10	BF series	screw	G480/11	5	380726	2NO/2NC	10	BG series	screw	11BGX1022
3	380057	1NO/1NC	10	BG series	screw	BGX1011	5	380727	3NC/1NO	10	BG series	screw	11BGX1013
4	380731	2NO/2NC	10	BF series	screw	BFX1022	5	380725	3NO/1NC	10	BG series	screw	11BGX1031
4	380732	3NC/1NO	10	BF series	screw	BFX1013	5	380728	4NC	10	BG series	screw	11BGX1004
4	380730	3NO/1NC	10	BF series	screw	BFX1031	5	380724	4NO	10	BG series	screw	11BGX1040

MOELLER/EATON

power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type	
1	380172	20	230VAC	9A/4	3NO	1NC	screw connection	DILEM 01
1	380171	20	230VAC	9A/4	3NO	1NO	screw connection	DILEM 10
1	380497	20	230VAC	9A/4	4NO	-	screw connection	DILEM 4
1	381197	20	400VAC	9A/4	4NO	-	screw connection	DILEM 4
2	380550	20	230VAC	9A/4	3NO	1NC	screw connection	DILM9 01
2	380999	20	230VAC	12A/5.5	3NO	1NC	screw connection	DILM 12 01
2	380998	20	230VAC	12A/5.5	3NO	1NO	screw connection	DILM 12 10
2	380551	20	230VAC	12A/5.5	4NO	-	screw connection	DILMP 20
3	381005	35	230VAC	17A/7.5	3NO	1NC	screw connection	DILM 17-01
3	380694	35	230VAC	17A/7.5	3NO	1NO	screw connection	DILM 17-10
3	380166	40	230VAC	25A/11	3NO	1NC	screw connection	DILM25 01
3	380552	40	230VAC	25A/11	3NO	1NO	screw connection	DILM 25 10
4	380167	66	230VAC	50A/22	3NO	1NO	screw connection	DILM 50

auxiliary contactors



fig.	resistive load (A)	supply	main contacts	auxiliary contacts	
1	380669	10	230VAC	3NO	1NC





## auxiliary contacts



**technical data:**  
connection screw

fig.	contacts	AC15 (A)	for contactors	type
1 381007	1NO/1NC	10	-	DILA-XHI11
1 381113	2NO	4	DILM(C)7-32	DILA-XHI20
2 380565	1NO/1NC	10	DIL 17-32	DILM 32-CHI11-S
2 380566	1NO/1NC	10	DIL 40-72	DILM 1000-XHI11-S1
3 380559	1NO/3NC	16	DILM 7-32	DILA-XHI13
3 380555	2NO/2NC	16	DILEM	DILA-XHI22
3 380558	3NO/1NC	16	DILM 7-32	DILA-XHI31
3 380557	4NC	16	DILM 7-32	DILA-XHI04
3 380556	4NO	16	DILM 7-32	DILA-XHI40
4 380875	2NO/2NC	10	DILEM/DILER	22 DILEM
4 380876	4NO	10	DILEM/DILER	40 DILE
5 380560	2NO/2NC	16	DILM 40-72	DILM 150-XHI22

## SIEMENS

## power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380529	16	230VAC	8.4A/4	3NO	1NC	F6.3	3TG10-01-1A2L2
1 380528	16	230VAC	8.4A/4	4NO	-	F6.3	3TG10-10-1A2L2
2 381063	16	230VAC	9A/4	3NO	1NO	F6.3	3TF2010-3AL2
3 380527	20	230VAC	8.4A/4	3NO	1NC	screw connection	3TG10-01-0A2L2
3 380526	20	230VAC	8.4A/4	4NO	-	screw connection	3TG10-10-0A2L2
4 380957	22	24VAC	12A/5.5	3NO	1NO	screw connection	3RT10-17-1AB01
4 380652	22	230VAC	9A/4	3NO	1NC	screw connection	3RT10-16-1AP02
4 380389	22	230VAC	9A/4	3NO	1NO	screw connection	3RT10-16-1AP01
5 380614	22	230VAC	9A/4	3NO	1NO	elastic terminals	3RT1016-2AP01
6 380880	40	24VDC	9A/4	3NO	-	screw connection	3RT1023-1BB40
6 380383	40	230VAC	9A/4	3NO	-	screw connection	3RT10-23-1AL20
6 380390	40	230VAC	12A/5.5	3NO	-	screw connection	3RT10-24-1AL20
6 380646	40	230VAC	17A/7.5	3NO	-	screw connection	3RT10-25-1AL20
6 380509	40	230VAC	25A/11	3NO	-	screw connection	3RT10-26-1AL20





auxiliary contacts

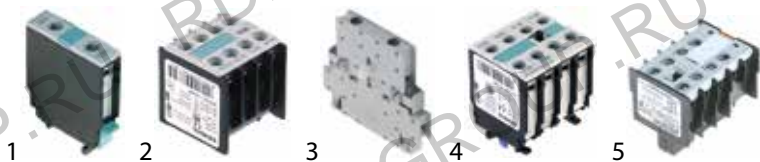


fig.	contacts	AC15 (A)	for contactors	type	fig.	contacts	AC15 (A)	for contactors	type		
1	380540	1NC	3	3RT102 3 RT103	3RH1921-1CA01	4	380535	2NO/2NC	3	3RT101	3RH1911-1FA22
1	380539	1NO	3	3RT102 3 RT103	3RH1921-1CA10	4	380537	3NO/1NC	3	3RT102 3 RT103	3RH1921-1FA31
2	380653	1NO/1NC	3	3RT101	3RH1911-1FA11	4	380538	4NC	3	3RT102 3 RT103	3RH1921-1FA04
2	380531	2NO/2NC	3	3RT101	3RH1911-1FA22	4	380536	4NO	3	3RT102 3 RT103	3RH1921-1FA40
2	380533	3NO/1NC	3	3RT101	3RT1911-1FA31	5	381064	2NO/2NC	3	3TF	3TX4422-2A
2	380532	4NO	3	3RT101	3RH1911-1FA40	5	381065	3NO/1NC	3	3TF	3TX4431-2A
3	380647	1NO/1NC	3	3RT102 3 RT103	3RH1921-1EA11	5	381066	4NO	3	3TF	3TX4440-2A
4	380947	1NO/1NC	3	3RT102 3 RT103	3RH1921-1FA11						

small relay switches



fig.	supply (V)	main contacts	connection	
1	380696	230	3NO	F6.3

motor protection circuit breakers



fig.	type	setting range (A)	fig.	type	setting range (A)	fig.	type	setting range (A)			
1	380542	3RC10 11-1CA10	1.8-2.5	1	380543	3RV10 11-1GA10	2.8-4	2	381190	3RV1021-4AA10	11-16
1	380544	3RV10 11-1EA10	4.5-6.3	1	380541	3RV1011-0JA10	0.7-1				



## TELEMECANIQUE (Schneider Electric)

## power contactors

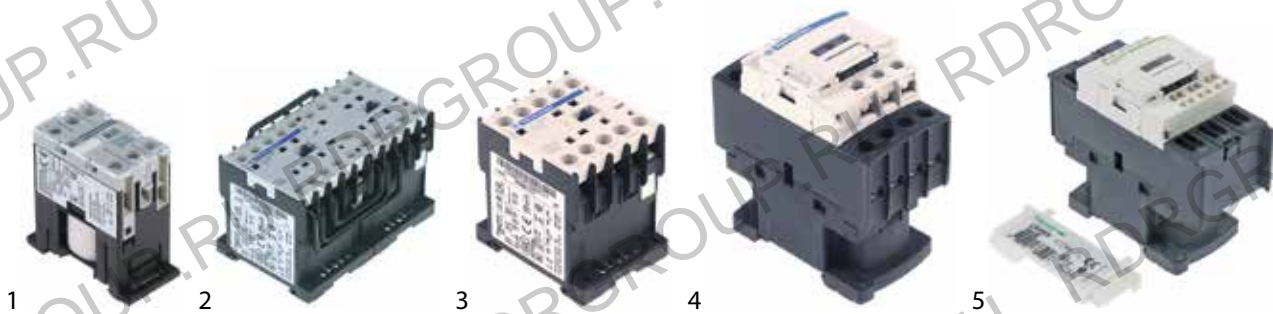


fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 380983	20	230VAC	5A/2.2	2NO		screw connection	LC1SGC200P7
2 381010	20	230VAC	6A/2.2	2x3NO	2x1NO	screw connection	LC2K0610P7
3 380966	20	230VAC	6A/2.2	3NO	1NC	screw connection	LC1K0601P7
3 380965	20	230VAC	6A/2.2	3NO	1NO	screw connection	LC1K0610P7+
3 380968	20	230VAC	9A/4	3NO	1NC	screw connection	LC1K0910P7
3 380967	20	230VAC	9A/4	3NO	1NO	screw connection	LC1K0901P7
3 381231	20	230VAC	9A/4	3NO	1NO	screw connection	LC1K0910P7
3 380971	20	230VAC	12A/5.5	3NO	1NC	screw connection	LC1K1210P7
3 380970	20	230VAC	12A/5.5	3NO	1NO	screw connection	LC1K1210P7
3 380972	20	230VAC	12A/5.5	4NO	-	screw connection	LC1K12004P7
3 380973	20	230VAC	16A/7.5	3NO	-	screw connection	LC1K1610P7
4 380978	20	230VAC	9A/4	2NO/2NC	1NO/1NC	screw connection	LC1D098P7
4 380977	20	230VAC	9A/4	4NO	1NO/1NC	screw connection	LC1DT20P7
4 380090	25	230VAC	12A/5.5	4NO	1NO/1NC	screw connection	LC1DT25P7
4 380980	50	230VAC	32A/15	3NO	1NO/1NC	screw connection	LC1D32P7
5 381204	20	230VAC	9A/4	3NO	1NO/1NC	spring terminal	LC1D093P7

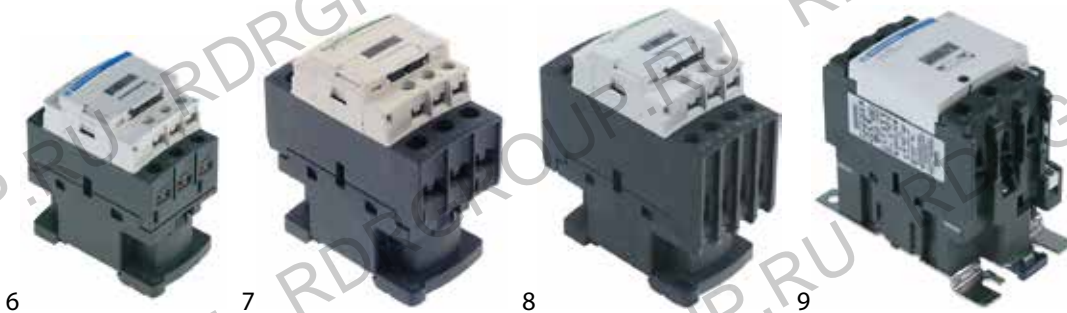


fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
6 380617	25	24VAC	9A/4	3NO	1NO/1NC	screw connection	LC1D09B7
6 380820	25	230VAC	9A/4	3NO	1NO/1NC	screw connection	LC1D0900M7
6 380479	25	230VAC	9A/4	3NO	1NO/1NC	screw connection	LC1D09P7
6 381159	25	400VAC	9A/4	3NO	1NO/1NC	screw connection	LC1D09V7
6 380976	32	230VAC	18A/7.5	3NO	1NO/1NC	screw connection	LC1D18P7
7 380979	40	230VAC	25A/11	3NO	1NO/1NC	screw connection	LC1D25P7
8 380952	40	230VAC	25A/11	4NO	1NO/1NC	screw connection	LC1DT40P7
9 380981	60	230VAC	40A/18.5	3NO	1NO/1NC	screw connection	LC1D40P7



10

fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
10 380982	80	230VAC	50A/22	3NO	1NO/1NC	screw connection	LC1D50P7

auxiliary contactors



1

technical data:  
supply 230VAC

fig.	AC1 (A)	type	connection	contacts
1 381139	10	CA2KN407M7	F2.8/F6.3	4NO

installation contactors



1

fig.	supply (V)	resistive load (A)	main contacts	AC-1 (kW)
1 380602	220/240	25	2NO	5.4

auxiliary contacts



1

2

3

fig.	contacts	AC15 (A)	for contactors	connection	type	fig.	contacts	AC15 (A)	for contactors	connection	type
1 380996	1NO/1NC	10	LC1D	screw	LAD8N11	2 380991	4NO	10	LC1D	screw	LADN40
1 380997	2NO	10	LC1D	screw	LAD8N20	3 380988	2NO/2NC	10	LC1K	screw	LA1KN22
2 380993	2NO/2NC	10	LC1D	screw	LADN22	3 380989	3NC/1NO	10	LC1K	screw	LA1KN13
2 380994	3NC/1NO	10	LC1D	screw	LADN13	3 380987	3NO/1NC	10	LC1K	screw	LA1KN31
2 380992	3NO/1NC	10	LC1D	screw	LADN31	3 380990	4NC	10	LC1K	screw	LA1KN04
2 380995	4NC	10	LC1D	screw	LADN04	3 380986	4NO	10	LC1K	screw	LA1KN40

auxiliary contacts with time control



fig.	contacts	AC15 (A)	connection	type	version
1 381145	1NC/1NO	10	screw	LADT2	time delay 0.1-30s

ABL SURSUM

motor protection circuit breakers



fig.	type	setting range (A)	(AC3/400V) (kW)	fig.	type	setting range (A)	(AC3/400V) (kW)
1 380322	Mbs25-010	0.63-1	0.5	2 380359	MS1	0.63-1	0.25
1 380300	Mbs25-016	1-1.6	0.55	2 380304	MS25-10	6.3-10	4
1 380301	Mbs25-025	1.6-2.5	1.1	2 380338	MS25-16	10-16	9
1 380302	Mbs25-040	2.5-4	1.5	2 380339	MS25-20	16-20	11
1 380303	Mbs25-063	4-6.3	3	2 380354	MS25-25	20-25	15

accessories



fig.	contacts	type	fig.	contacts	type	fig.	contacts	type
1 380371	1NC	HMS01	1 380372	2NC	HMS01	2 380305	1NO/1NC	HMS11
1 380369	1NO/1NC	HMS10	1 380370	2NO	HMS20			

ALLEN BRADLEY

power contactors



fig.	resistive load (A)	supply	(AC3/400V) (kW)	main contacts	auxiliary contacts	connection	type
1 381187	20	24VAC	9A/4	3NO	1NO	screw connection	100-K09KJ10
1 380468	20	230VAC	9A/4	4NO		screw connection	100-K09*400





NOVOCOO

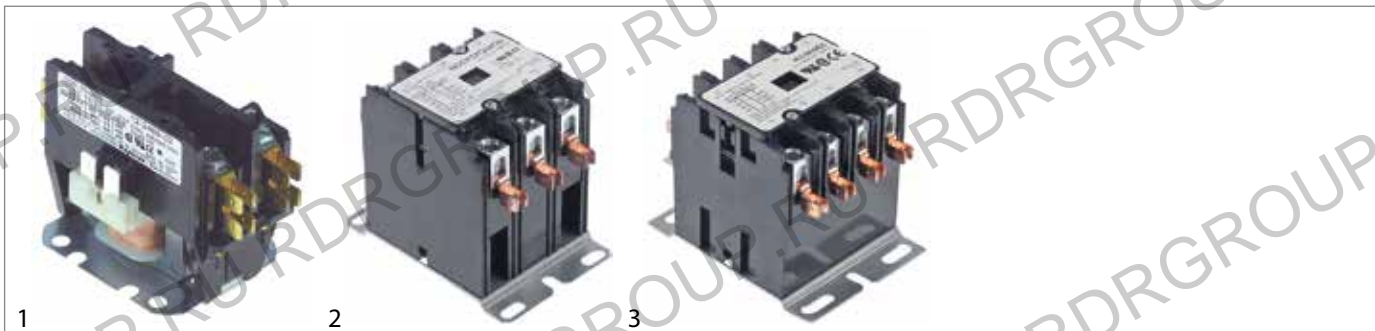


fig.	resistive load (A)	supply	P (HP)	(AC3/240V) (kW)	main contacts	connection	type
1 381335	40	208/240VAC	30A/10	30A/7.46	2NO	screw clamp/male faston 6.3mm	CK2XU02AA
2 381322	40	24VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XQ02CY
2 381321	40	110/120VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XT02CY
2 381323	40	208/240VAC	30A/10	30A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XU02CY
2 381320	50	24VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XQ04CG
2 381333	50	110/120VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XT04CG
2 381324	50	208/240VAC	40A/10	40A/7.46	3NO	screw clamp/male faston 6.3mm	CK3XU04CG
2 381325	65	24VAC	50A/15	50A/11.19	3NO	screw clamp/male faston 6.3mm	CK3XQ05CJ
2 381326	65	208/240VAC	50A/15	50A/11.19	3NO	screw clamp/male faston 6.3mm	CK3XU05CJ
2 381327	75	208/240VAC	60A/25	60A/18.5	3NO	screw clamp/male faston 6.3mm	CK3XU06CJ
3 381328	40	24VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XQ02CY
3 381329	40	110/120VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XT02CY
3 381330	40	208/240VAC	30A/10	30A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XU02CY
3 381331	50	24VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XQ04CG
3 381332	50	110/120VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XT04CG
3 381334	50	208/240VAC	40A/10	40A/7.46	4NO	screw clamp/male faston 6.3mm	CK4XU04CG

TRIPUS (Eichhoff)

small relay switches



fig.	supply (V)	main contacts	connection	resistive load (A)	fig.	supply (V)	main contacts	connection	resistive load (A)
1 380119	230	2NO/2NC	Faston 6.3mm	16	1 380120	230	4NO	Faston 6.3mm	16
1 380121	230	3NO/1NC	Faston 6.3mm	16					