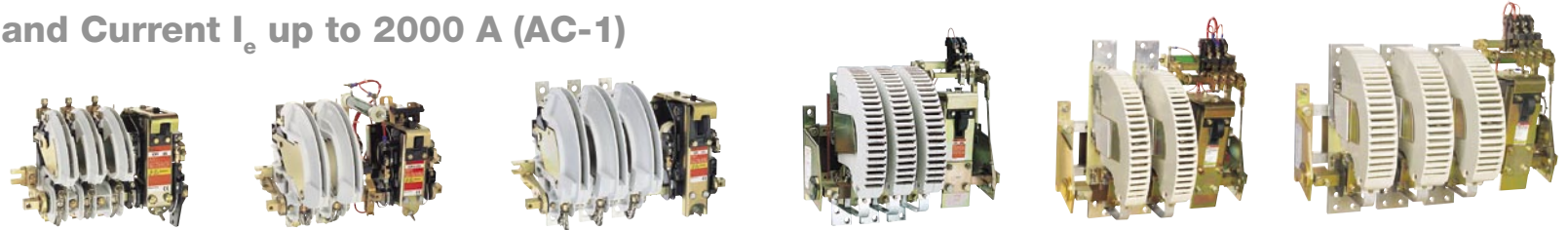


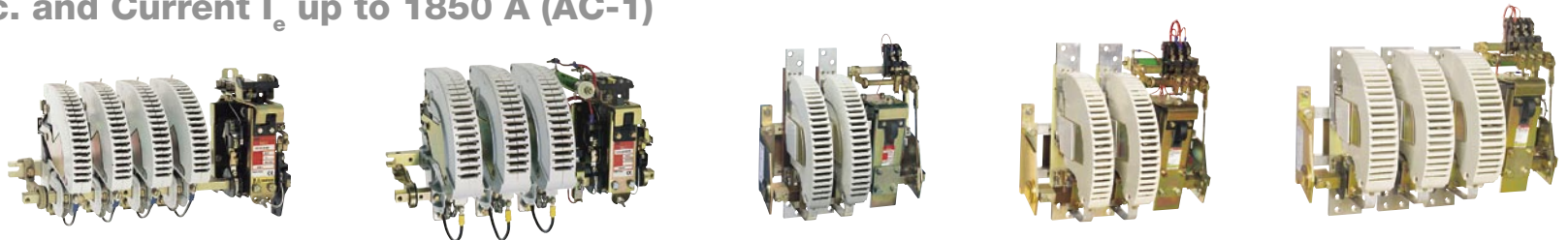
R.. Series Contactors for a.c. Circuit Switching

Voltage U_e up to 500 Va.c. and Current I_e up to 2000 A (AC-1)



Contactor type	a.c. control circuit \sim	IOR 85	IOR 170	IOR 260	IOR 420	IOR 550	IOR 800	IORR 1000	IORR 1400	IORR 1700	IORR 2100	
	d.c. control circuit \equiv	IORE 85	IORE 170	IORE 260	IORE 420	IORE 550	IORE 800	IORE 1000	IORE 1400	IORE 1700	IORE 2100	
I_{th} at 40 °C	A	85	170	275	400	550	900	1000	1400	1700	2100	
I_e AC-1 at 40 °C	A	85	170	260	400	550	900	1000	1350	1650	2000	
I_e AC-3	U_e 400-415 Va.c.	A	77	150	245	370	550	800	800	1060	1260	1520
	U_e max. 500 Va.c.	A	73	130	245	370	550	800	800	1080	1220	1340
Power AC-3	U_e 400 Va.c.	kW	40	80	132	200	300	450	450	630	750	900

Voltage U_e up to 1000 Va.c. and Current I_e up to 1850 A (AC-1)



Contactor type	a.c. control circuit \sim	IOR 63..-MT	IOR 125..-MT	IOR 200..-MT	IOR 500..-MT	IOR 800..-MT	IORR 1400..-MT	IORR 1700..-MT	IORR 2100..-MT	
	d.c. control circuit \equiv	IORE 63..-MT	IORE 125..-MT	IORE 200..-MT	IORE 500..-MT	IORE 800..-MT	IORE 1400..-MT	IORE 1700..-MT	IORE 2100..-MT	
I_{th} at 40 °C	A	85	170	275	550	800	1300	1700	1850	
I_e AC-1 at 40 °C	A	85	170	260	550	800	1250	1650	1850	
I_e AC-3	U_e 690 Va.c.	A	85	160	260	550	800	970	1170	1270
	U_e max. 1000 Va.c.	A	56	105	180	380	580	610	680	810
Power AC-3	U_e 690 Va.c.	kW	80	150	240	540	780	1000	1200	1300

Reminder:

All contactors fulfill the IEC 60947-4-1 / EN 60947-4-1 standards.

AC-1 conditions: max. breaking current = $1.5 \times I_e$, max. making current = $1.5 \times I_e$.

AC-3 conditions: max. breaking current = $8 \times I_e$, max. making current = $10 \times I_e$.

For contactors with N.C. main poles, couplers for no load breaking, magnetical or mechanical latching, see the main catalogues.
Ratings > 2000 A, 500 Va.c. or > 1850 A, 1000 Va.c.: on request.

R.. Series Contactors for d.c. Circuit Switching

Economical Contactors for Voltage U_e up to 440 Vd.c. and Current I_e up to 550 A (DC-1)



Contactor type		a.c. control circuit		IOR 85	IOR 170	IOR 260	IOR 420	IOR 550
		d.c. control circuit		IORE 85	IORE 170	IORE 260	IORE 420	IORE 550
I_{th} at 40 °C		A		85	170	275	400	550
1 pole 	DC-1	U_e max. 220 Vd.c.	I_e A	85	170	275	400	550
	DC-3 / DC-5	220 Vd.c.	I_e A	68	140	205	350	500
2 poles 	DC-1	440 Vd.c.	I_e A	85	170	275	400	550
	DC-3 / DC-5	440 Vd.c.	I_e A	68	140	205	350	500

Reminder:

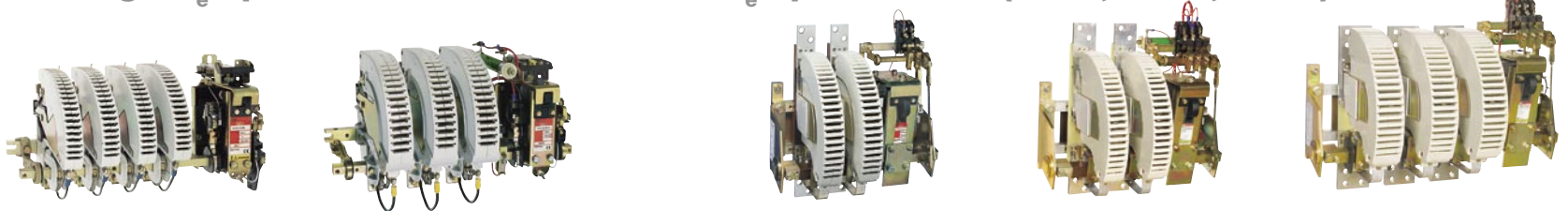
All contactors fulfill the IEC 60947-4-1 / EN 60947-4-1 standards.

DC-1 conditions: max. breaking current = $1.5 \times I_e$, max. making current = $1.5 \times I_e$.

DC-3 / DC-5 conditions: max. breaking current = $4 \times I_e$, max. making current = $4 \times I_e$.

Contactors with N.C. main poles, magnetical or mechanical latching on request.
Ratings > 2000 A, 1500 Vd.c.: on request

Standard Contactors for Voltage U_e up to 1500 Vd.c. and Current I_e up to 2000 A (DC-1, DC-3, DC-5)



Contactor type		a.c. control circuit		IOR 63..-CC	IOR 125..-CC	IOR 200..-CC	IOR 500..-CC		IOR 800..-CC	IORR 1000..-CC	IORR 1400..-CC	IORR 1700..-CC	IORR 2100..-CC		
		d.c. control circuit		IORE 63..-CC	IORE 125..-CC	IORE 200..-CC	IORE 500..-CC		IORE 800..-CC	IORE 1000..-CC	IORE 1400..-CC	IORE 1700..-CC	IORE 2100..-CC		
I_{th} at 40 °C		A		85	170	275	550		A	800	1000	1300	1700	2000	
1 pole 	DC-1	U_e max. 500 Vd.c.	I_e A	85	170	275	550		U_e max. 750 Vd.c.	I_e A	800	1000	1250	1600	2000
	DC-3 / DC-5	500 Vd.c.	I_e A	68	140	205	500		600 Vd.c.	I_e A	720	1000	1250	1600	2000
2 poles 	DC-1	1000 Vd.c.	I_e A	85	170	275	550		1500 Vd.c.	I_e A	800	1000	1250	1600	2000
	DC-3 / DC-5	1000 Vd.c.	I_e A	68	140	205	500		1000 Vd.c.	I_e A	720	1000	1250	1600	2000
3 poles 	DC-1	1500 Vd.c.	I_e A	85	170	275	550		1500 Vd.c.	I_e A	800	1000	1250	1600	2000
	DC-3 / DC-5	1500 Vd.c.	I_e A	68	140	205	500		1500 Vd.c.	I_e A	720	1000	1250	1600	2000