

R contactors for AC circuit switching

3

Rated operational voltage
Ue from 500 up to **1000 V AC**



Contactor type			IORR63..MT IORR125..MT IORR200..MT IORR400..MT IORR500..MT IORR800..MT						
Categories		Ue							
AC-1	at 40 °C		Ie	85 A	170 A	260 A	400 A	550 A	800 A
AC-3	690 V AC		Ie	85 A	160 A	260 A	400 A	550 A	800 A
	1000 V AC max.		Ie	56 A	105 A	180 A	280 A	380 A	580 A
AC-3	690 V AC		Power	80 kW	150 kW	240 kW	400 kW	540 kW	780 kW

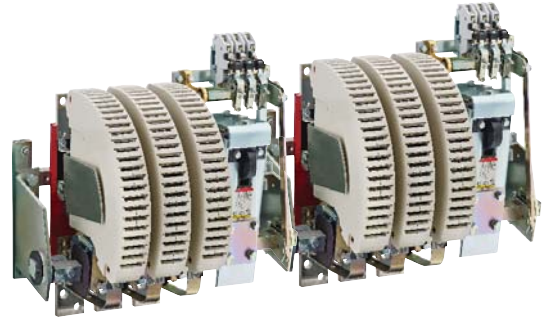
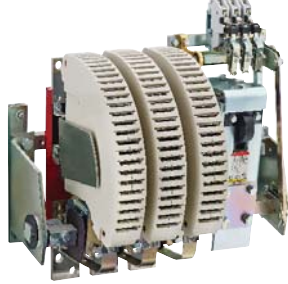
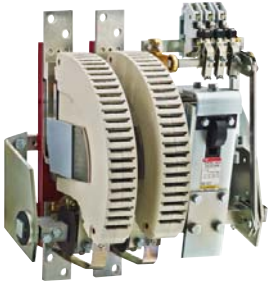
*120 V 60Hz coil and 2 N.O. + 2 N.C. auxiliary contacts as standard

Rated operational voltage
Ue up to **500 V AC**



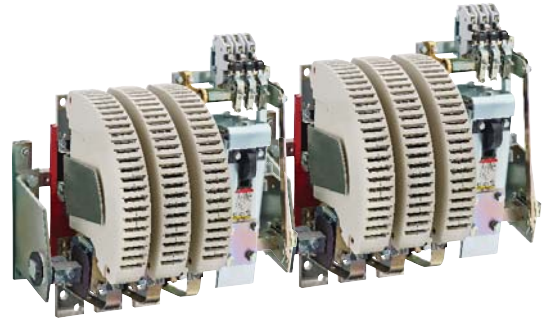
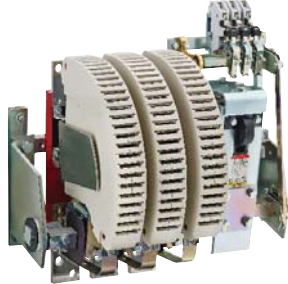
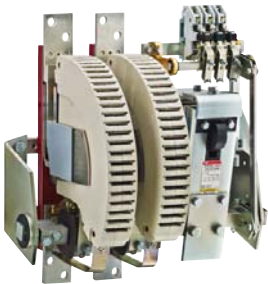
Contactor type		- IORR800					
Categories	Ue						
AC-1	at 40 °C	Ie	From 85 A to 550 A, select above IOR...-MT				900 A
AC-3	380-415-440 V AC	Ie	-				800 A
	500 V AC max.	Ie	-				800 A
AC-3	400 V AC	Power	-				450 kW

*120 V 60Hz coil and 2 N.O. + 2 N.C. auxiliary contacts as standard



IORR1400..MT IORR1700..MT IORR2100..MT IORR2500..MT IORR3200..MT IORR3800..MT IORR4500..MT IORR5100..MT

1250 A	1650 A	1850 A	2200 A	3000 A	3500 A	4000 A	4500 A
970 A	1170 A	1270 A	–	–	–	–	–
610 A	680 A	810 A	–	–	–	–	–
1000 kW	1200 kW	1300 kW	–	–	–	–	–



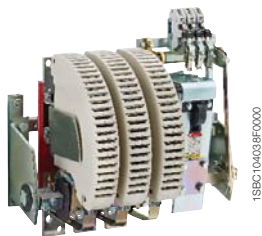
IORR1000 IORR1400 IORR1700 IORR2100 IORR2500 IORR3200 IORR3800 IORR4500 IORR5100

1000 A	1350 A	1650 A	2000 A	2400 A	3200 A	3800 A	4500 A	5000 A
800 A	1080 A	1260 A	1520 A	–	–	–	–	–
800 A	1080 A	1220 A	1340 A	–	–	–	–	–
450 kW	630 kW	750 kW	900 kW	–	–	–	–	–

IORR contactors

Power circuit up to 500 V AC

Control circuit 120V 60Hz



IORR800-30

3

Description

IORR contactors are used for controlling AC power circuits up to 500 V AC.

These contactors are designed with:

- variable number of poles according to the application
- control circuit: AC operated
- 2 NO + 2 NC auxiliary contacts available, as standard

Ordering details

AC-3					AC-1	Number of poles	Rated control circuit voltage U_c (1)	Auxiliary contacts fitted (2)	Type	Order code	Weight
Rated operational power					current ≤ 440 V : $\theta \leq 40$ °C						
380 V	440 V	500 V									Pkg (1 pce)
400 V											kg
415 V											
kW	kW	kW	A	A		V 50/60 Hz					
450	500	560	800	900	2	120V	2 2	IORR800-20	FPL8615215R2113		38
					3		2 2	IORR800-30	FPL8615315R2113		48
					4		2 2	IORR800-40	FPL8615415R2113		58
-	-	-	-	1000	2	120V	2 2	IORR1000-20	FPL8715215R2113		38
					3		2 2	IORR1000-30	FPL8715315R2113		48
					4		2 2	IORR1000-40	FPL8715415R2113		58
630	710	800	1080	1350	2	120V	2 2	IORR1400-20	FPL6115215R2113		40
					3		2 2	IORR1400-30	FPL6115315R2113		50
					4		2 2	IORR1400-40	FPL6115415R2113		63
750	800	900	1260	1650	2	120V	2 2	IORR1700-20	FPL6215215R2113		44
					3		2 2	IORR1700-30	FPL6215315R2113		56
					4		2 2	IORR1700-40	FPL6215415R2113		72
900	1000	1000	1520	2000	2	120V	2 2	IORR2100-20	FPL6315215R2113		48
					3		2 2	IORR2100-30	FPL6315315R2113		62
					4		2 2	IORR2100-40	FPL6315415R2113		78
-	-	-	-	2400	2	120V	2 2	IORR2500-20	FPL6715215R2113		On request
					3		2 2	IORR2500-30	FPL6715315R2113		
-	-	-	-	3200	2	120V	2 2	IORR3200-20	FPL6515215R2113		On request
					3		2 2	IORR3200-30	FPL6515315R2113		
-	-	-	-	3800	2	120V	2 2	IORR3800-20	FPL6615215R2113		On request
					3		2 2	IORR3800-30	FPL6615001R2113		
-	-	-	-	4500	2	120V	2 2	IORR4500-20	FPL6815215R2113		On request
					3		2 2	IORR4500-30	FPL6815001R2113		
-	-	-	-	5000	2	120V	2 2	IORR5100-20	FPL6915001R2113		On request
					3		2 2	IORR5100-30	FPL6915002R2113		

(1) Other control voltages, please contact us.

(2) Other auxiliary contact arrangements, please contact us.