

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

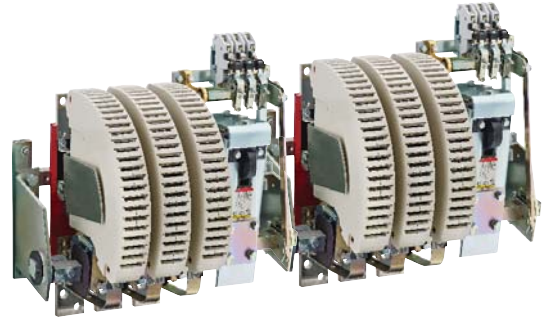
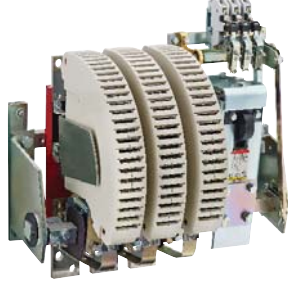
Rated operational voltage

U_e up to **500 V AC**



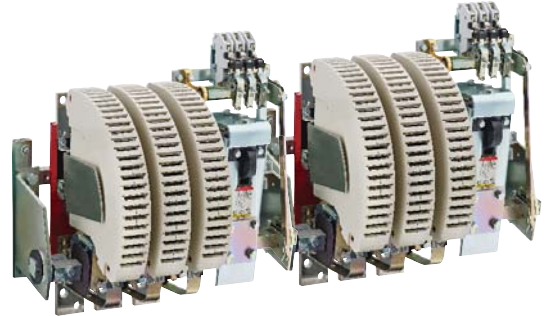
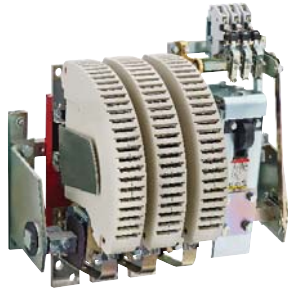
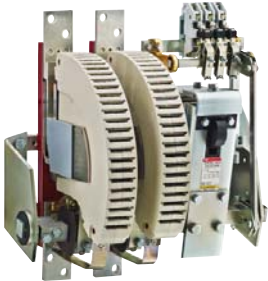
Contactor type		- IORR800	
Categories	Ue		
AC-1 at 40 °C		Ie	From 85 A to 550 A, select above IOR...-MT 900 A
AC-3	380-415-440 V AC	Ie	- 800 A
	500 V AC max.	Ie	- 800 A
AC-3	400 V AC	Power	- 450 kW

*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	–	–	–	–	–



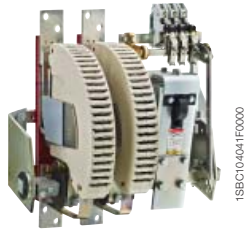
IORR1000 IORR1400 IORR1700 IORR2100 IORR2500 IORR3200 IORR3800 IORR4500 IORR5100

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..MT contactors

Power circuit up to 1000 V AC

Control circuit 120V 50/60 Hz



IORR1400-20-MT

Description

IORR..MT contactors are used for controlling AC power circuits from 500 up to 1000 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 Uc (1)	Auxiliary contacts fitted (2)	Type	Order code	Weight
Rated operational power (3)		current	θ ≤ 40 °C						
690 V	1000 V	≤ 690 V				V 50/60 Hz			
80	80	85	85	2	120V	2 2	IORR63-20-MT	FPL7125216R2113	4.2
				3		2 2	IORR63-30-MT	FPL7125386R2113	5.2
				4		2 2	IORR63-40-MT	FPL7125416R2113	6.2
150	150	160	170	2	120V	2 2	IORR125-20-MT	FPL7425215R2113	6.2
				3		2 2	IORR125-30-MT	FPL7425315R2113	8.2
				4		2 2	IORR125-40-MT	FPL7425415R2113	10.2
240	250	260	260	2	120V	2 2	IORR200-20-MT	FPL7625215R2113	9.6
				3		2 2	IORR200-30-MT	FPL7625315R2113	12.6
				4		2 2	IORR200-40-MT	FPL7625415R2113	15.6
400	400	400	400	2	120V	2 2	IORR400-20-MT	FPL9425215R2113	19.2
				3		2 2	IORR400-30-MT	FPL9425315R2113	25
				4		2 2	IORR400-40-MT	FPL9425415R2113	30.8
540	550	550	550	2	120V	2 2	IORR500-20-MT	FPL8325215R2113	19.7
				3		2 2	IORR500-30-MT	FPL8325315R2113	25.5
				4		2 2	IORR500-40-MT	FPL8325415R2113	31.3
780	850	800	800	2	120V	2 2	IORR800-20-MT	FPL8625215R2113	40
				3		2 2	IORR800-30-MT	FPL8625315R2113	51
				4		2 2	IORR800-40-MT	FPL8625415R2113	62
1000	900	970	1250	2	120V	2 2	IORR1400-20-MT	FPL6125215R2113	42
				3		2 2	IORR1400-30-MT	FPL6125315R2113	52
				4		2 2	IORR1400-40-MT	FPL6125415R2113	65
1200	1000	1170	1650	2	120V	2 2	IORR1700-20-MT	FPL6225215R2113	47
				3		2 2	IORR1700-30-MT	FPL6225315R2113	61
				4		2 2	IORR1700-40-MT	FPL6225415R2113	74
1300	1200	1270	1850	2	120V	2 2	IORR2100-20-MT	FPL6325215R2113	52
				3		2 2	IORR2100-30-MT	FPL6325315R2113	68
				4		2 2	IORR2100-40-MT	FPL6325415R2113	82
-	-	-	2200	2	120V	2 2	IORR2500-20-MT	FPL6725215R2113	71
				3		2 2	IORR2500-30-MT	FPL6725315R2113	On request
				4		2 2	IORR2500-40-MT	FPL6725415R2113	
-	-	-	3000	2	120V	2 2	IORR3200-20-MT	FPL6525215R2113	83
				3		2 2	IORR3200-30-MT	FPL6525315R2113	On request
-	-	-	3500	2	120V	2 2	IORR3800-20-MT	FPL6625215R2113	95
				3		2 2	IORR3800-30-MT	FPL6625001R2113	On request
-	-	-	4000	2	120V	2 2	IORR4500-20-MT	FPL6825215R2113	On request
				3		2 2	IORR4500-30-MT	FPL6825002R2113	
-	-	-	4500	2	120V	2 2	IORR5100-20-MT	FPL6925001R2113	On request
				3		2 2	IORR5100-30-MT	FPL6925002R2113	

(1) Other control voltages, please contact us.

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

(3) Power circuit above 1000 V AC, please contact us.