

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

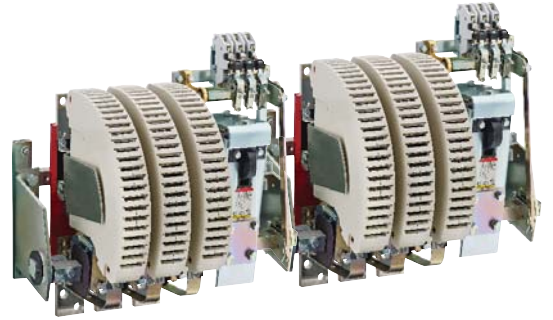
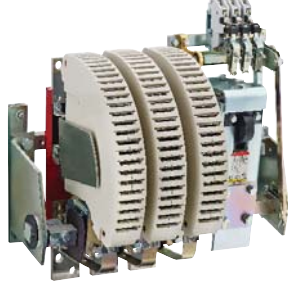
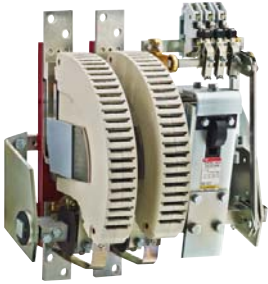
Rated operational voltage

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

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–

610 A

680 A

810 A

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1000 kW

1200 kW

1300 kW

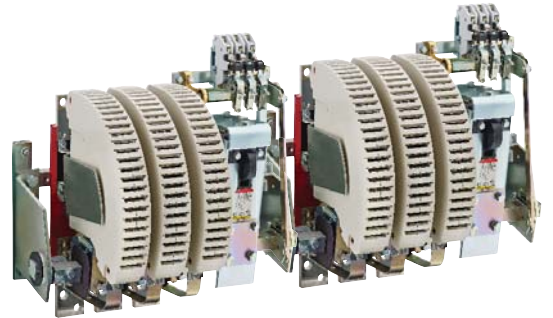
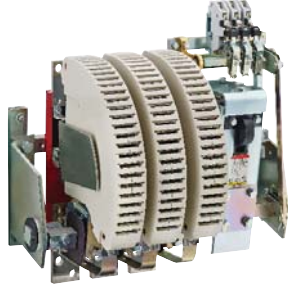
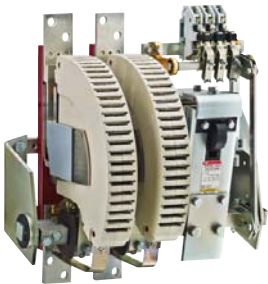
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IORR1000

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

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450 kW

630 kW

750 kW

900 kW

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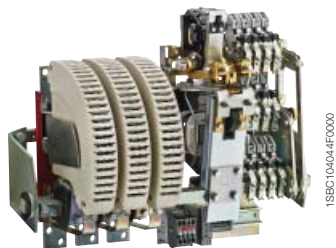
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IORR..MT-AMA and IORR..MT-AME contactors

Power circuit up to 1000 V AC, with latching

Control circuit 120V 50/60 Hz



IORR800-30-MT-AME

Description

IORR..MT-AMA and IORR..MT-AME contactors are used for controlling AC power circuits from 500 up to 1000 V AC.

These contactors are designed with:

- magnetic latching, AMA types
- mechanical latching, AME types
- variable number of poles according to the application
- control circuit: AC operated
- 2 NO + 2 NC auxiliary contact available for AMA version, as standard
- 2 NO + 2 NC auxiliary contacts available for AME version

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								
690 V	1000 V	≤ 690 V	θ ≤ 40 °C		V 50/60 Hz				Pkg (1 pce)
kW	kW	A	A						kg

Magnetic latching

80	80	85	85	2	120V	2 2	IORR63-20-MT-AMA	FPL7125236R2123	3.9
				3		2 2	IORR63-30-MT-AMA	FPL7125336R2123	4.9
				4		2 2	IORR63-40-MT-AMA	FPL7125436R2123	5.9
150	150	160	170	2	120V	2 2	IORR125-20-MT-AMA	FPL7425235R2123	5.9
				3		2 2	IORR125-30-MT-AMA	FPL7425335R2123	7.9
				4		2 2	IORR125-40-MT-AMA	FPL7425435R2123	9.9
240	250	260	260	2	120V	2 2	IORR200-20-MT-AMA	FPL7625235R2123	9.2
				3		2 2	IORR200-30-MT-AMA	FPL7625335R2123	12.2
				4		2 2	IORR200-40-MT-AMA	FPL7625435R2123	15.2

Mechanical latching

400	400	400	400	2	120V	2 2	IORR400-20-MT-AME	FPL9425225R2123	24.2
				3		2 2	IORR400-30-MT-AME	FPL9425325R2123	30
540	550	550	550	2	120V	2 2	IORR500-20-MT-AME	FPL8325225R2123	24.2
				3		2 2	IORR500-30-MT-AME	FPL8325325R2123	30
780	850	800	800	2	120V	2 2	IORR800-20-MT-AME	FPL8625225R2123	50
				3		2 2	IORR800-30-MT-AME	FPL8625325R2123	61
1000	900	970	1250	2	120V	2 2	IORR1400-20-MT-AME	FPL6125225R2123	52
				3		2 2	IORR1400-30-MT-AME	FPL6125325R2123	62
1200	1000	1170	1650	2	120V	2 2	IORR1700-20-MT-AME	FPL6225225R2123	57
				3		2 2	IORR1700-30-MT-AME	FPL6225325R2123	71
1300	1200	1270	1850	2	120V	2 2	IORR2100-20-MT-AME	FPL6325225R2123	62
				3		2 2	IORR2100-30-MT-AME	FPL6325325R2123	78
-	-	-	2200	2	120V	2 2	IORR2500-20-MT-AME	FPL6725225R2123	On request
				3		2 2	IORR2500-30-MT-AME	FPL6725325R2123	
-	-	-	3000	2	120V	2 2	IORR3200-20-MT-AME	FPL6525225R2123	On request
				3		2 2	IORR3200-30-MT-AME	FPL6525325R2123	
-	-	-	3500	2	120V	2 2	IORR3800-20-MT-AME	FPL6625225R2123	On request
				3		2 2	IORR3800-30-MT-AME	FPL6625325R2123	
-	-	-	4000	2	120V	2 2	IORR4500-20-MT-AME	FPL6825225R2123	On request

(1) Other control voltages, please consult us.

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

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