

R contactors for DC circuit switching

4

Rated operational voltage

U_e up to **1500 V DC**



Contactor type				IORR63..CC	IORR125..CC	IORR200..CC	IORR400..CC	IORR500..CC
Number of poles in series	Categories	U _e max.						
1 pole	DC-1	500 V DC	I _e	85 A	170 A	275 A	400 A	550 A
	DC-3 / DC-5	500 V DC	I _e	68 A	125 A	205 A	350 A	500 A
2 poles	DC-1	1000 V DC	I _e	85 A	170 A	275 A	400 A*	550 A*
	DC-3 / DC-5	1000 V DC	I _e	68 A	125 A	205 A	350 A	500 A
3 poles	DC-1	1500 V DC	I _e	85 A*	170 A*	275 A*	400 A*	550 A*
	DC-3 / DC-5	1500 V DC	I _e	68 A*	125 A*	205 A*	350 A*	500 A*

* U_e max. = 1500 V DC, version with increased insulation for 1000 V DC < U_e ≤ 1500 V DC, please consult us.

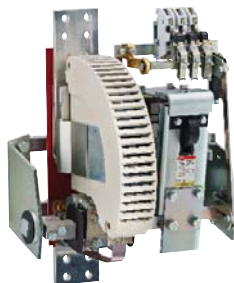
*120 V 60Hz coil and 2 N.O. + 2 N.C. auxiliary contacts as standard

Contactors

UL / CSA approved 

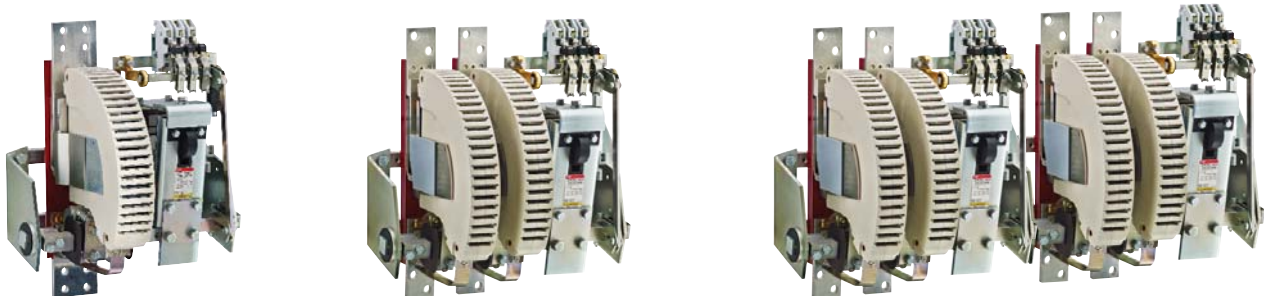
Rated operational voltage

U_e up to **600 V DC**



Contactor type				IORR800-10-CC	IORR1000-10-CC	IORR1400-10-CC	IORR1700-10-CC	IORR2100-10-CC
		U max.						
1 pole	General use	600 V DC	I _e	800 A	1000 A	1300 A	1700 A	2000 A

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

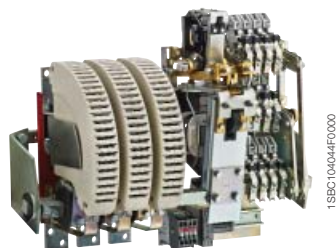


	IORR800..CC	IORR1000..CC	IORR1400..CC	IORR1700..CC	IORR2100..CC	IORR2500..CC	IORR3200..CC	IORR3800..CC	IORR4500..CC	IORR5100..CC
Ue max.										
750 V DC	800 A	1000 A	1250 A	1600 A	2000 A	2300 A	3200 A	3800 A	4500 A	5000 A
600 V DC	720 A	1000 A	1250 A	1600 A	2000 A	On request	On request	On request	On request	On request
1500 V DC	800 A	1000 A	1250 A	1600 A	2000 A	2300 A	3200 A	3800 A	4500 A	5000 A
1000 V DC	720 A	1000 A	1250 A	1600 A	2000 A	On request	On request	On request	On request	On request
1500 V DC	800 A	1000 A	1250 A	1600 A	2000 A	2300 A	3200 A	3800 A	4500 A	5000 A
1500 V DC	720 A	1000 A	1250 A	1600 A	2000 A	On request	On request	On request	On request	On request

IORR..CC-AMA and IORR..CC-AME contactors

Power circuit up to 1500 V DC, with latching

Control circuit 120V 50/60 Hz



IORR800-30-CC-AME

1SBC104044F0000

Description

IORR..CC-AMA and IORR..CC-AME contactors are used for controlling DC power circuits up to 1500 V DC.

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

IEC				Number of poles	Rated control circuit voltage U _c (1)	Auxiliary contacts fitted (2)	Type	Order code	Weight
DC-1 Rated operational current		DC-3 / DC-5 Rated operational current							
Rated operational voltage (3)		Rated operational voltage (3)							
A	V DC	A	V DC		V 50/60 Hz				kg
Magnetical latching									
85	500	68	500	1	120V	2 2	IORR63-10-CC-AMA	FPL7116136R2123	2.9
	1000		1000	2		2 2	IORR63-20-CC-AMA	FPL7116236R2123	3.9
	1500		1500	3		2 2	IORR63-30-CC-AMA	On request	4.9
170	500	125	500	1	120V	2 2	IORR125-10-CC-AMA	FPL7416135R2123	3.9
	1000		1000	2		2 2	IORR125-20-CC-AMA	FPL7416235R2123	5.9
	1500		1500	3		2 2	IORR125-30-CC-AMA	On request	7.9
275	500	205	500	1	120V	2 2	IORR200-10-CC-AMA	FPL7616135R2123	6.2
	1000		1000	2		2 2	IORR200-20-CC-AMA	FPL7616235R2123	9.2
	1500		1500	3		2 2	IORR200-30-CC-AMA	On request	12.2
Mechanical latching									
400	500	350	500	1	120V	2 2	IORR400-10-CC-AME	FPL9416125R2223	18.4
	1000		1000	2		2 2	IORR400-20-CC-AME	FPL9416225R2223	24.2
	1500		1500	3		2 2	IORR400-30-CC-AME	FPL9416325R2223	30
550	500	500	500	1	120V	2 2	IORR500-10-CC-AME	FPL8316125R2223	18.4
	1000		1000	2		2 2	IORR500-20-CC-AME	FPL8316225R2223	24.2
	1500		1500	3		2 2	IORR500-30-CC-AME	FPL8316325R2223	30
800	750	720	600	1	120V	2 2	IORR800-10-CC-AME	FPL8616125R2223	40
	1500		1000	2		2 2	IORR800-20-CC-AME	FPL8616225R2223	50
	-		1500	3		2 2	IORR800-30-CC-AME	FPL8616325R2223	61
1000	750	720	600	1	120V	2 2	IORR1000-10-CC-AME	FPL8716125R2223	40
	1500		1000	2		2 2	IORR1000-20-CC-AME	FPL8716225R2223	50
	-		1500	3		2 2	IORR1000-30-CC-AME	FPL8716325R2223	61
1250	750	720	600	1	120V	2 2	IORR1400-10-CC-AME	FPL6116125R2223	42
	1500		1000	2		2 2	IORR1400-20-CC-AME	FPL6116225R2223	52
	-		1500	3		2 2	IORR1400-30-CC-AME	FPL6116325R2223	62
1600	750	720	600	1	120V	2 2	IORR1700-10-CC-AME	FPL6216125R2223	43
	1500		1000	2		2 2	IORR1700-20-CC-AME	FPL6216225R2223	57
	-		1500	3		2 2	IORR1700-30-CC-AME	FPL6216325R2223	71
2000	750	720	600	1	120V	2 2	IORR2100-10-CC-AME	FPL6316125R2223	46
	1500		1000	2		2 2	IORR2100-20-CC-AME	FPL6316225R2223	62
	-		1500	3		2 2	IORR2100-30-CC-AME	FPL6316325R2223	78
2300	750	On request	On request	1	120V	2 2	IORR2500-10-CC-AME	FPL6716125R2223	On request
	1500		On request	2		2 2	IORR2500-20-CC-AME	FPL6716225R2223	
	-		On request	3		2 2	IORR2500-30-CC-AME	FPL6716325R2223	
3200	750	On request	On request	1	120V	2 2	IORR3200-10-CC-AME	FPL6516125R2223	On request
	1500		On request	2		2 2	IORR3200-20-CC-AME	FPL6516225R2223	
	-		On request	3		2 2	IORR3200-30-CC-AME	FPL6516325R2223	
3800	750	On request	On request	1	120V	2 2	IORR3800-10-CC-AME	FPL6616125R2223	On request
	1500		On request	2		2 2	IORR3800-20-CC-AME	FPL6616225R2223	
4500	750	On request	On request	1	120V	2 2	IORR4500-10-CC-AME	FPL6816125R2223	On request
	1500		On request	2		2 2	IORR4500-20-CC-AME	FPL6816225R2223	
5000	750	On request	On request	1	120V	2 2	IORR5100-10-CC-AME	FPL6916125R2223	On request

(1) Other control voltages, please consult us.

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

(3) Power circuit above 1500 V DC, please consult us.