



## General information

### Table of power losses

#### 400 Hz ratings

Table of power losses

Dissipated power (W)		S1		S3		S4		S5		S6		S7		S8
Setting	$I_n$ (A)	F	P	F	P·W	F	P·W	F	P·W	F	P·W	F	P·W	F
R15	15	7	7.3	11.8	13									
R20	20	8.6	8.9	10.8	11.9									
R25	25	7.9	8.3	12	13.2									
R30	30	8.6	8.4	16.9	18.5									
R40	40	8.6	9.5	15.1	16.6									
R50	50	10	11	16.4	18									
R60	60	12.8	13	14.4	16									
R70	70	15.8	17.4	15.8	18.8									
R80	80	13.5	15	17.9	21									
R90	90	17	19	21.9	26									
R100	100	13.8	15.5	21	25									
R125	125			18.5	26									
R150	150			40.5	52									
R175	175			35.9	40									
R200	200			36	46									
R225	225			55	67									
R300	300							52.7	79					
R400	400							66.4	96					
R600	600									83	106			
R800	800									93.2	119			
$I_n = 100$	100					5.2	8							
$I_n = 150$	150					13	19							
$I_n = 250$	250					40	55							
$I_n = 300$	300							40	57					
$I_n = 400$	400							60	90					
$I_n = 600$	600									63	104			
$I_n = 800$	800									96	125			
$I_n = 1000$	1000											102	140	
$I_n = 1200$	1200											151	203	
$I_n = 1600$	1600													41
$I_n = 2000$	2000													64
$I_n = 2500$	2500													100

### 15 400Hz response

Breaker frame	Breaker rating	Thermal amperes			Magnetic rating	
		Minimum	Maximum	Fixed	Minimum	Maximum
S1	15	—	—	15	—	1000
	20	—	—	19	—	1000
	25	—	—	23	—	1000
	30	—	—	28	—	1000
	40	—	—	37	—	1000
	50	—	—	46	—	1000
	60	—	—	55	—	1200
	70	—	—	65	—	1400
	80	—	—	74	—	1600
	90	—	—	81	—	1800
100	—	—	90	—	2000	
S3	15	—	—	15	—	850
	20	—	—	19	—	850
	25	—	—	23	—	850
	30	—	—	28	—	850
	35	—	—	32.4	—	850
	40	—	—	37	—	850
	50	—	—	46	—	850
	60	—	—	55.5	—	1020
	70	—	—	64.8	—	1190
	80	—	—	74	—	1360
	90	—	—	81	—	1530
	100	—	—	90	—	1700
	125	—	—	112	—	1360
	150	—	—	135	—	1605
	175	—	—	157.5	—	1640
200	—	—	180	—	1875	
225	—	—	202.5	—	2138	
250	—	—	225	—	2400	

### 400Hz response

Breaker frame	Breaker rating	Thermal magnetic releases ①		
		Thermal Amperes Minimum	Thermal Amperes Maximum	Magnetic rating Set @ 5Im only
S5N	300	0.7	1.0	2250
	400	189	270	
S6N	400	252	360	3000
	600	378	540	4500
	800	504	720	6000

① Use thermal-magnetic only for 400 Hz applications.