



Susol

Temperature derating

The table below indicates the maximum current rating, for each connection type, as a function of the ambient temperature around the circuit breaker and the busbars. Circuit breakers with mixed connections have the same derating as horizontally connected breakers. For ambient temperatures greater than 60°C, consult us. Temperature inside the switchboard around the circuit breaker and its connection: T_i(IEC 60947-2)

Frame	Rated current	ACB terminal	Applicable busbar size												
				Horizontal type					Vertical type						
				40 °C	45 °C	50 °C	55 °C	60 °C	40 °C	45 °C	50 °C	55 °C	60 °C		
2,000AF AH-D AS-D AN-D	200A	15t × 30 × 1ea	5t × 30 × 2ea	200A	200A	200A	200A	200A	200A	200A	200A	200A	200A	200A	
	400A			400A	400A	400A	400A	400A	400A	400A	400A	400A	400A	400A	
	630A		5t × 40 × 2ea	630A	630A	630A	630A	630A	630A	630A	630A	630A	630A	630A	
	800A			800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A	
	1,000A		5t × 60 × 2ea	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	
	1,250A			1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	
	1,600A		5t × 80 × 2ea	1,600A	1,600A	1,600A	1,550A	1,550A	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A	1,550A
	2,000A			1,600A	1,600A	1,600A	-	-	2,000A	2,000A	2,000A	1,950A	1,900A		
4,000AF AH-E AS-E	630A	20t × 75 × 1ea	5t × 40 × 2ea	630A	630A	630A	630A	630A	630A	630A	630A	630A	630A		
	800A		5t × 50 × 2ea	800A	800A	800A	800A	800A	800A	800A	800A	800A	800A		
	1,000A		5t × 60 × 2ea	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A	1,000A		
	1,250A		5t × 80 × 2ea	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A	1,250A		
	1,600A		5t × 100 × 2ea	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A	1,600A		
	2,000A		5t × 100 × 3ea	2,000A	2,000A	2,000A	2,000A	2,000A	2,000A	2,000A	2,000A	2,000A	2,000A		
	2,500A		5t × 100 × 4ea	2,500A	2,500A	2,500A	2,400A	2,300A	2,500A	2,500A	2,500A	2,450A	2,350A		
	3,200A		10t × 100 × 3ea	3,200A	3,200A	3,100A	3,000A	2,900A	3,200A	3,200A	3,150A	3,050A	3,950A		
	4,000A		10t × 100 × 3ea	4,000A	3,900A	3,800A	3,700A	3,600A	4,000A	3,950A	3,850A	3,750A	3,650A		
	5,000AF AS-F		4,000A	20t × 125 × 2ea	10t × 100 × 4ea	4,000A	3,900A	3,800A	3,700A	3,600A	4,000A	3,950A	3,850A	3,750A	3,650A
5,000A		10t × 125 × 4ea	5,000A		5,000A	4,900A	4,800A	4,700A	5,000A	5,000A	4,950A	4,850A	4,750A		
6,300AF AH-G	4,000A	20t × 125 × 2ea	10t × 100 × 4ea	4,000A	4,000A	4,000A	3,900A	3,800A	4,000A	4,000A	4,000A	3,950A	3,850A		
	5,000A		10t × 125 × 4ea	5,000A	5,000A	5,000A	4,900A	4,800A	5,000A	5,000A	5,000A	4,950A	4,850A		
AS-G	6,300A	20t × 150 × 2ea	10t × 150 × 4ea	6,300A	6,300A	6,200A	6,100A	6,000A	6,300A	6,300A	6,250A	6,152A	6,050A		