

Micrologic 2

Ratings (A)	In at 40 °C ⁽¹⁾	40	100	160	250	400	630
Circuit breaker	Compact NSX100	■	■	-	-	-	-
	Compact NSX160	■	■	■	-	-	-
	Compact NSX250	■	■	■	■	-	-
	Compact NSX400	-	-	-	■	■	-
	Compact NSX630	-	-	-	■	■	■

L Long-time protection

Pick-up (A)	lo	value depending on trip unit rating (In) and setting on dial								
tripping between 1.05 and 1.20 Ir	In = 40 A	lo =	18	18	20	23	25	28	32	40
	In = 100 A	lo =	40	45	50	55	63	70	80	100
	In = 160 A	lo =	63	70	80	90	100	110	125	160
	In = 250 A (NSX250)	lo =	100	110	125	140	160	175	200	250
	In = 250 A (NSX400)	lo =	70	100	125	140	160	175	200	250
	In = 400 A	lo =	160	180	200	230	250	280	320	400
	In = 630 A	lo =	250	280	320	350	400	450	500	630
	Ir = lo x ...		9 fine adjustment settings from 0.9 to 1 (0.9 - 0.92 - 0.93 - 0.94 - 0.95 - 0.96 - 0.97 - 0.98 - 1) for each value of lo							
Time delay (s)	tr		non-adjustable							
accuracy 0 to -20%		1.5 x Ir	400							
		6 x Ir	16							
		7.2 x Ir	11							
Thermal memory			20 minutes before and after tripping							

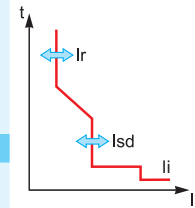
S₀ Short-time protection with fixed time delay

Pick-up (A)	Isd = Ir x ...	1.5	2	3	4	5	6	7	8	10
accuracy ±10 %										
Time delay (ms)	tsd	non-adjustable								
	Non-tripping time	20								
	Maximum break time	80								

I Instantaneous protection

Pick-up (A)	li non-adjustable	600	1500	2400	3000	4800	6900
accuracy ±15 %							
	Non-tripping time	10 ms					
	Maximum break time	50 ms for I > 1.5 li					

⁽¹⁾ If the trip units are used in high-temperature environments, the Micrologic setting must take into account the thermal limitations of the circuit breaker. See the temperature derating table.



Micrologic 1.3 M

Ratings (A)	In at 65 °C	320	500
Circuit breaker	Compact NSX400	■	-
	Compact NSX630	■	■

S Short time protection

Pick-up (A)	Isd	adjustable directly in amps	
accuracy ±15 %		9 settings: 1600, 1920, 2440, 2560, 2880, 3200, 3520, 3840, 4160 A	
		9 settings: 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000, 6500 A	
Time delay (ms)	tsd	non-adjustable	
	Non-tripping time	10	
	Maximum break time	60	

I Instantaneous protection

Pick-up (A)	li non-adjustable	4800	6500
accuracy ±15 %			
	Non-tripping time	0	
	Maximum break time	30 ms	

