

Protection

Micrologic 2.0

Long time

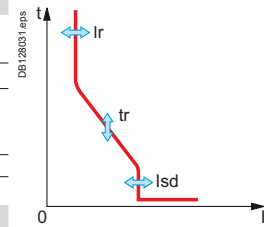
Current setting (A)		$I_r = I_n \times \dots$	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.98	1
tripping between 1.05 and 1.20 x I_r											
Time setting		t_r (s)	0.5	1	2	4	8	12	16	20	24
Time delay (s)	accuracy: 0 to -30 %	1.5 x I_r	12.5	25	50	100	200	300	400	500	600
	accuracy: 0 to -20 %	6 x I_r	0.7 ⁽¹⁾	1	2	4	8	12	16	20	24
	accuracy: 0 to -20 %	7.2 x I_r	0.7 ⁽²⁾	0.69	1.38	2.7	5.5	8.3	11	13.8	16.6

Thermal memory 20 minutes before and after tripping

(1) 0 to -40 % - (2) 0 to -60 %

Instantaneous

Pick-up (A)	$I_{sd} = I_r \times \dots$	1.5	2	2.5	3	4	5	6	8	10
accuracy: ± 10 %										
Time delay max. resettable time: 20 ms; max break time: 80 ms										



Protection

Micrologic 5.0 / 6.0

Long time

Current setting (A)		$I_r = I_n \times \dots$	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.98	1
Tripping between 1.05 and 1.20 x I _r			Other ranges or disable by changing long-time rating plug								
Time setting		t _r (s)	0.5	1	2	4	8	12	16	20	24
Time delay (s)	Accuracy: 0 to -30 %	1.5 x I _r	12.5	25	50	100	200	300	400	500	600
	Accuracy: 0 to -20 %	6 x I _r	0.7 ⁽¹⁾	1	2	4	8	12	16	20	24
	Accuracy: 0 to -20 %	7.2 x I _r	0.7 ⁽²⁾	0.69	1.38	2.7	5.5	8.3	11	13.8	16.6

Thermal memory 20 minutes before and after tripping

(1) 0 to -40 % - (2) 0 to -60 %

Short time

Pick-up (A)	I_{sd} = I _r x ...		1.5	2	2.5	3	4	5	6	8	10	
Accuracy: ±10 %												
Time setting t _{sd} (s)	Settings	I ² t Off	0	0.1	0.2	0.3	0.4					
		I ² t On	-	0.1	0.2	0.3	0.4					
Time delay (ms) at 10 x I _r (I ² t Off or I ² t On)	t_{sd} (max resettable time)		20	80	140	230	350					
	t_{sd} (max break time)		80	140	200	320	500					

Instantaneous

Pick-up (A)	$I_i = I_n \times \dots$	2	3	4	6	8	10	12	15	off
Accuracy: ± 10 %										
Time delay Max resettable time: 20 ms; Max break time: 50 ms										

Earth fault

Micrologic 6.0

Pick-up (A)	I_g = ln x ...	A	B	C	D	E	F	G	H	J	
Accuracy: ±10 %	ln ≤ 400 A	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	
	400 A < ln < 1250 A	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	
	ln ≥ 1250 A	500	640	720	800	880	960	1040	1120	1200	
Time setting t _g (s)	Settings	I ² t Off	0	0.1	0.2	0.3	0.4				
		I ² t On	-	0.1	0.2	0.3	0.4				
Time delay (ms)	t _g (max resettable time)	20	80	140	230	350					
	t _g (max break time)	80	140	200	320	500					

Note: all current-based protection functions require no auxiliary source.

The test / reset button resets maximeters, clears the tripping indication and tests the battery.

