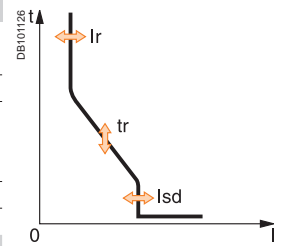




Protection Micrologic 2.0 A

Long time		Micrologic 2.0 A											
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	tr (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: $\pm 10\%$													
Time delay		Max resettable time: 20 ms Max break time: 80 ms											



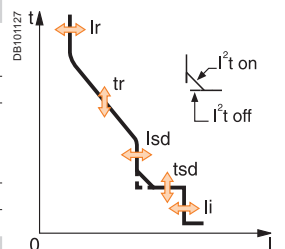
Ammeter Micrologic 2.0 A

Continuous current measurements		Micrologic 2.0 A			
Display from 20 to 200 % of I_n		I_1	I_2	I_3	I_N
Accuracy: 1.5 % (including sensors)		No auxiliary source (where $I > 20\% I_n$)			
Maximeters		$I_1 \text{ max}$	$I_2 \text{ max}$	$I_3 \text{ max}$	$I_N \text{ max}$

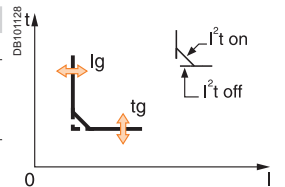


Protection Micrologic 5.0 / 6.0 / 7.0 A

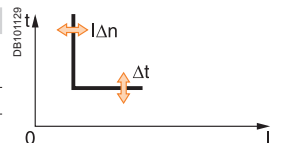
Long time		Micrologic 5.0 / 6.0 / 7.0 A											
Current setting (A)	$I_r = I_n \times \dots$	0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.98	1			
Tripping between 1.05 and 1.20 x I_r		Other ranges or disable by changing long-time rating plug											
Time setting	tr (s)	0.5	1	2	4	8	12	16	20	24			
Time delay (s)	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)	$I_{sd} = I_r \times \dots$	1.5	2	2.5	3	4	5	6	8	10			
Accuracy: $\pm 10\%$													
Time setting tsd (s)	Settings	I^2t Off	0	0.1	0.2	0.3	0.4						
		I^2t On	-	0.1	0.2	0.3	0.4						
Time delay (ms) at 10 x I_r (I^2t Off or I^2t On)	tsd (max resettable time)	tsd (max break time)	20	80	140	230	350						
		tsd (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: $\pm 10\%$													
Time delay		Max resettable time: 20 ms Max break time: 50 ms											



Earth fault		Micrologic 6.0 A										
Pick-up (A)	$I_g = I_n \times \dots$	A	B	C	D	E	F	G	H	J		
Accuracy: $\pm 10\%$	$I_n \leq 400 \text{ A}$	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1		
	$400 \text{ A} < I_n < 1250 \text{ A}$	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1		
	$I_n \geq 1250 \text{ A}$	500	640	720	800	880	960	1040	1120	1200		
Time setting tg (s)	Settings	I^2t Off	0	0.1	0.2	0.3	0.4					
		I^2t On	-	0.1	0.2	0.3	0.4					
Time delay (ms) at I_n or 1200 A (I^2t Off or I^2t On)	tg (max resettable time)	tg (max break time)	20	80	140	230	350					
		tg (max break time)	80	140	200	320	500					



Residual earth leakage (Vigi)		Micrologic 7.0 A										
Sensitivity (A)	$I_{\Delta n}$	0.5	1	2	3	5	7	10	20	30		
Accuracy: 0 to -20 %	Time delay Δt (ms)	Settings	60	140	230	350	800					
		Δt (max resettable time)	60	140	230	350	800					
		Δt (max break time)	140	200	320	500	1000					



Ammeter Micrologic 5.0 / 6.0 / 7.0 A

Continuous current measurements		Micrologic 5.0 / 6.0 / 7.0 A					
Display from 20 to 200 % of I_n		I_1	I_2	I_3	I_N	I_g	$I_{\Delta n}$
Accuracy: 1.5 % (including sensors)		No auxiliary source (where $I > 20\% I_n$)					
Maximeters		$I_1 \text{ max}$	$I_2 \text{ max}$	$I_3 \text{ max}$	$I_N \text{ max}$	$I_g \text{ max}$	$I_{\Delta n} \text{ max}$

Note: All current-based protection functions require no auxiliary source.
The test / reset button resets maximeters, clears the tripping indication and tests the battery.