

Model No. SD2200



- ## Description

Application

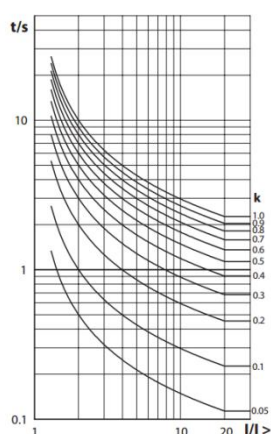


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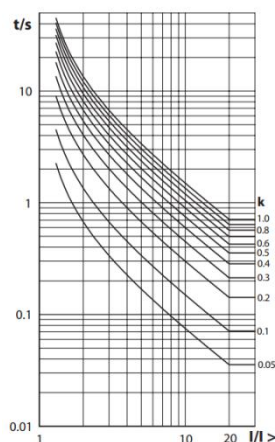
Technical Data

Measuring input:		ACCURACY:		OVERCURRENT ELEMENT:	
Rated current In:	1 A or 5 A	Protection thresholds :	± 3%	Low-set setting I > :	0.10~2.50xIn, step 0.01
Rated frequency:	50 or 60 Hz	Time delay:	± 2% with a minimum of 30 ms	High-set setting I >> :	0.10~40 x In , 0.1~10 In: step 0.05 10~40 In: step 0.1
Thermal withstand:	4xIn continuous 25xIn for less than 10 sec 100xIn for less than 1 sec	Measurements :	± 3%	Time multiplier kt > :	0.02~1.0 , step 0.01
Burden:	< 0.3VA at In	Reset ratio :	95% typical	Low set definite time t >, 0~300 s :	0~10.0s: step 0.01 10.0~100s: step 0.1 100~300s: step 1
Rated auxiliary voltage:		Overshoot time :	less than 30 ms typical	High set definite time t >>, 0~300 s :	0~10.0s: step 0.01 10.0~100s: step 0.1 100~300s: step 1
SD2200-240A:	198~265 V AC	EARTH-FAULT ELEMENT:		ENVIRONMENTAL CONDITIONS:	
SD2200-240AD:	85~265 V AC 110~340 V DC	Low-set setting I o> :	0.05~1.0xIn step 0.01	Temperature :	-5°C to +55°C
Power consumption:		High-set setting I o>> :	0.05~10.0xIn step 0.05	Humidity :	56 days at 93% RH and 40°C non-condensing
AC auxiliary voltage:	6 ~ 10 VA typical	Time multiplier kt o> :	0.02~1.0, step 0.01	MECHANICAL:	
DC auxiliary voltage:	5 ~ 9 W typica	Low set definite time t o>, 0~ 300 s :	0~10.0s : step 0.01 10.0~100s : step 0.1 100~300s : step 1	Mounting :	Panel mounting
Binary Input:		High set definite time t o>>, 0 ~ 300 s :	0~10.0s : step 0.01 10.0~100s : step 0.1 100~300s : step 1	Dimension (mm) :	142(w) x 165(h) x 198(d)
External binary input:	18 ~ 265 V DC 85 ~ 265 V AC	COMMUNICATION:		Approximate weight :	2.9 kg
		RS485 Modbus - RTU			

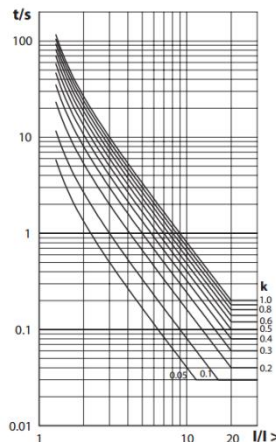
Normal Inverse



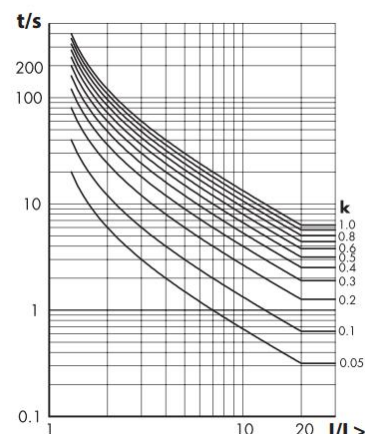
Very Inverse



Extremely Inverse



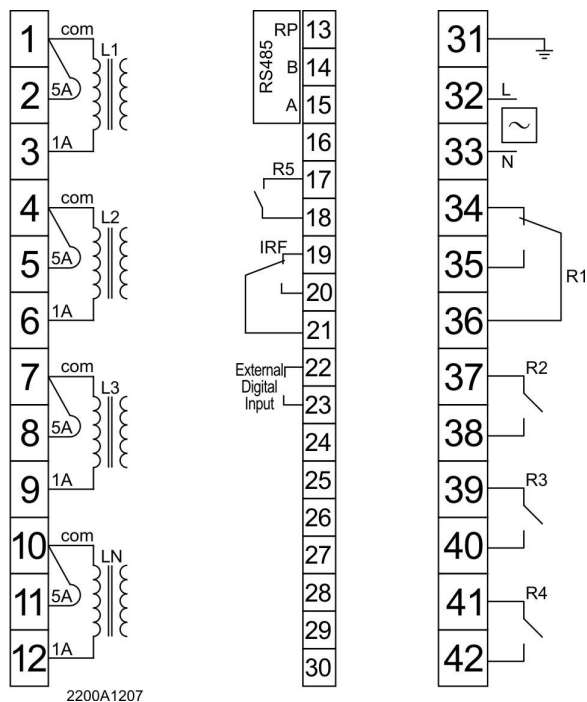
Long Time Inverse



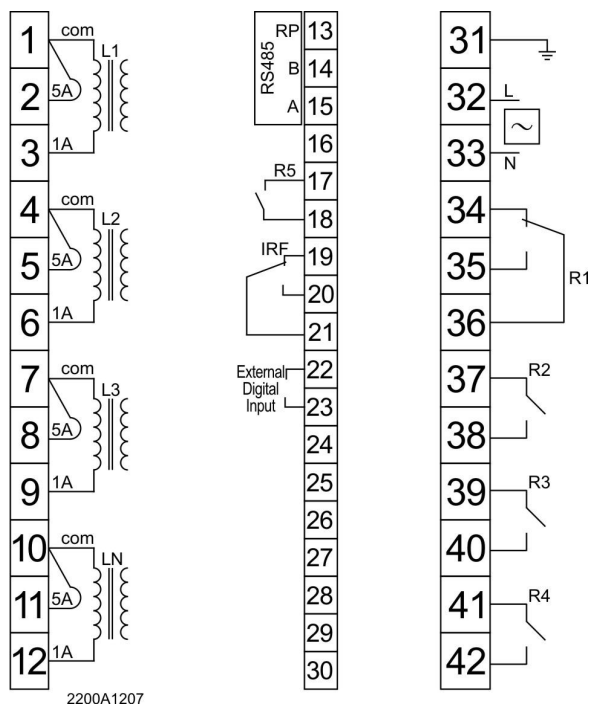
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Typical Application Diagrams 1



Typical Application Diagrams 2



Case Dimensions

