



D SERIES TEMPERATURE RATING

MODEL	Tf (FUNCTIONING OPEN TEMPERATURE)			Th (HOLDING TEMPERATURE)	Tm (MAXIMUM OVERSHOOT TEMPERATURE)	SAFETY APPROVAL
	°C	°F	°C	°C	°C	
D070	72	162	+0/-4°C	57	115	UL, C-UL, VDE, NEMKO, SEMKO, CCC, PSE
D076	77	171	+0/-4°C	62	150	
D081	84	183	+0/-4°C	69	115	
D088	90	194	+0/-4°C	75	150	
D090	93	199	+0/-6°C	78	315	
D098	100	212	+0/-4°C	85	130	
D103	104	219	+0/-4°C	89	315	
D108	109	228	+0/-4°C	94	215 (VDE, CCC, SEMKO, NEMKO) 315 (UL, C-UL)	
D110	110	230	+0/-5°C	95	150	
D115	117	243	+0/-4°C	102	130	
D118	121	250	+0/-6°C	106	315	
D125	128	262	+0/-4°C	113	300 (VDE, SEMKO, NEMKO) 180 (UL, C-UL, CCC)	
D139	141	286	+0/-6°C	126	170 (VDE, SEMKO, NEMKO) 230 (UL, C-UL, CCC)	
D142	144	291	+0/-6°C	129	315 (VDE, SEMKO, NEMKO) 240 (UL, C-UL, CCC)	
D156	156	313	+0/-5°C	141	170	
D165	169	336	+0/-6°C	154	270 (120V), 250 (250V) (VDE, SEMKO, NEMKO) 270(120V), 210 (250V) (UL, C-UL, CCC)	
D172	172	342	+0/-5°C	157	280	
D181	184	363	+0/-4°C	169	210	
D192	192	378	+0/-5°C	182	250	
D213	216	421	+0/-4°C	201	375	
D226	228	442	+0/-6°C	212	260(120V) 240(250V)	
D230	230	446	+0/-6°C	212	375	
D242	240	464	+0/-6°C	215	375	
D257	257	495	+0/-5°C	220	375	

Tf (FUNCTIONING OPEN TEMPERATURE)

The maximum temperature at which the thermal cut offs changes its state of conductivity to open circuit with detection current as the only load.

Th (HOLDING TEMPERATURE)

The maximum temperature at which, when applying no electrical load to the thermal cut offs, the state of conductivity will not change during a period of 168 hours.

Tm (MAXIMUM OVERSHOOT TEMPERATURE)

The maximum temperature of thermal cut offs, having changed its state of conductivity, can be maintained for 10 minutes during which its mechanical and electrical properties will not be impaired.

ELECTRICAL RATINGS

AC Electrical Rating

Standard Ratings (Except specific type listed below from *1 to *6)

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, NEMKO, SEMKO, CCC	120V / 250V	16.7A / 16.7A	25A / 25A

*1 D090

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, CCC	120V / 250V	16.7A / 16.7A	25A / 25A
NEMKO, SEMKO	120V / 250V	16.7A / 10A	25A / 15A

*2 D115

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, NEMKO	120V / 250V	16.7A / 16.7A	25A / 25A
CCC, SEMKO	120V / 250V	16.7A / 10A	25A / 15A

*3 D139

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, NEMKO, SEMKO, CCC	120V	16.7A	25A

*4 D172

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, CCC, NEMKO	120V / 250V	16.7A / 16.7A	25A / 25A
SEMKO	120V / 250V	16.7A / 10A	25A / 15A

*5 D192

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, NEMKO	120V / 250V	16.7A / 16.7A	25A / 25A
VDE, CCC, SEMKO	120V / 250V	16.7A / 10A	25A / 15A

*6 D213

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL	120V / 250V	16.7A / 16.7A	25A / 25A
VDE, SEMKO, NEMKO, CCC	120V / 250V	16.7A / 12A	25A / 18A

*7 D156, D257

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, SEMKO	120V / 250V	15A / 10A	22A / 15A

*8 DXXX PSE Electrical Rating

SAFETY APPROVAL	VOLTAGE (AC)	RESISTIVE CURRENT
	(V _r)	(I _r)
PSE	125V	15A

DC Electrical Rating

Standard Ratings (Except specific type listed below **)

SAFETY APPROVAL	VOLTAGE (DC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, SEMKO, NEMKO	12V / 24V	10A / 5A	15A / 7.5A

** D192, D226

SAFETY APPROVAL	VOLTAGE (DC)	RESISTIVE CURRENT	
	(V _r)	(I _r)	(I _b)
UL, C-UL, VDE, SEMKO, NEMKO, CCC	12V / 24V	10A / 5A	15A / 7.5A

<Note> All products shall comply with IEC-60691 - FOR ED, 3.0 AMENDMENT 2.