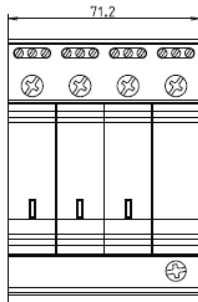
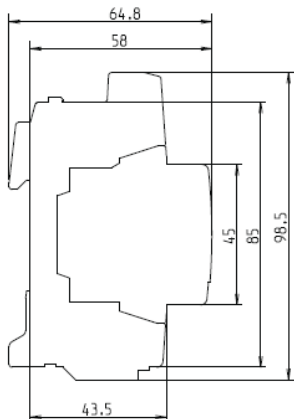


# Surge Protective Devices

## OVRT23N40550PTSU



### Electrical Characteristics

Protection mode		LL-LN-LG-NG
Number of poles / Type of current		4 / AC
Type / Test class		UL 1449 3rd Ed. - Type 4 for Type 2 apps IEC 61 643-1 2nd Ed. - T2 / II
Nominal voltage ( $U_n$ ) (L-N / L-L)	[V]	480 +/- 15% ; 600 +/- 15%
Frequency	[Hz]	50-60
Maximum continuous operating voltage ( $U_c$ ) (L-N / L-L)	[V]	550 / 1100
Voltage protection level ( $U_{res}$ ) 3 kA (L-N / N-G / L-G)	[kV]	1.7/0.4/1.7
Voltage protection level ( $U_{res}$ ) 5 kA (L-N / N-G / L-G)	[kV]	1.8/0.6/1.8
Voltage protection level ( $U_{res}$ ) 10 kA (L-N / N-G / L-G)	[kV]	2.0/0.7/2.0
Voltage protection rating (VPR - UL 3rd Ed.) (L-N / N-G / L-G)	[kV]	1.7/1.2/1.8
Nominal discharge current ( $I_n$ @ 8/20)	[kA]	10
Maximum discharge current ( $I_{max}$ @ 8/20)	[kA]	40
Follow current interrupt rating ( $I_f$ ) (L-N / N-G)	[A]	None / 100
Response time	[ns]	< 25
Operating current ( $I_o$ )	[mA]	< 0.1
Short circuit withstand current ( $I_{sc}$ )	[kA]	200
Integrated thermal disconnect		Yes
State indicator		Yes
Safety reserve		No
Remote indicator		Yes
Disconnecter Circuit breaker B or C curve	[A]	≤ 125
Disconnecter J class fuse	[A]	≤ 100

### Mechanical Characteristics

Wire range - Solid wire	[AWG]	4-14
Wire range - Stranded wire	[AWG]	6-14
Stripping length	[in]	0.5
Tightening torque	[in-lbs]	24.5
Degree of protection		NEMA 1

### Remote indicator

Type of contact		1 NO / 1 NC
Minimum load		12 VDC / 10 mA
Maximum load		250 VAC / 1 A
Connection cross section	[AWG]	16

### Miscellaneous Characteristics

Operating temperature / Storing temperature	[°C]	-40 to +80 / -40 to +80
Maximum altitude	[M/ft]	2000 / 6562
Weight	[g/lb]	120/0.25
Color of housing / Fire resistance according to UL94		Gray RAL 7035 / V0
Reference standards		UL1449 3rd Ed; IEC 61 643-1; cURus

### Replacement Cartridges

Phase		OVRT240-550CU
Neutral		OVRT270-NCU

# Contact us

## Canada

**ABB Inc.**

**Low Voltage Products**

**2117 – 32nd Avenue**

**Lachine, QC, CANADA H8T 3J1**

**Tel.: 514-420-3100**

**Fax: 514-420-3137**

**Toll Free: 1-800-567-0283**

**[www.abb.ca](http://www.abb.ca)**

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