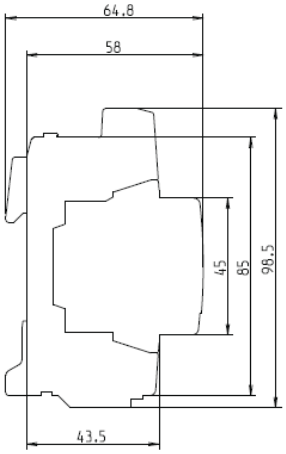
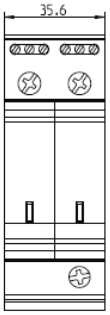
Product data sheet

Surge Protective Devices

OVRT22L40320PTSU







Electrical Characteristics		
Protection mode		LL-LG
Number of poles / Type of current		2 / 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)	[V]	277 +/- 15%
Frequency	[Hz]	50-60
Maximum continuous operating voltage (U_c)	[V]	320
Voltage protection level (U_{res}) 3/5/10 kA	[kV]	1.0/1.1/1.2
Voltage protection rating (VPR - UL 3rd Ed.)	[kV]	1.0
Nominal discharge current (I_n @ 8/20)	[kA]	20
Maximum discharge current (I_{max} @ 8/20)	[kA]	40
Follow current interrupt rating (I_{fi})	[A]	None
Response time	[ns]	< 25
Operating current (I_c)	[mA]	< 0.1
Short circuit withstand current (I_{sccr})	[kA]	200
Integrated thermal disconnector		Yes
State indicator		Yes
Safety reserve		No
Remote indicator		Yes
Disconnector Circuit breaker B or C curve	[A]	≤ 125
Disconnector 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		OVRT240-320CU
Neutral		-

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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

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