

POWER MONITORING & PROTECTION



DIN RAIL MOUNT SURGE PROTECTION OVR DIN SERIES



NEW!

DESCRIPTION

The **ABB OVR DIN Rail Series surge protection devices** are the pluggable AC DIN rail devices. They are UL 1449 3rd edition. Over 80% of transient surges are caused by internal sources such as load switching and normal equipment operations. Installation of these SPD's will provide protection to valuable equipment and help keep an operation up and running. Installation at branch panels, control panels and terminal equipment is recommended to provide the most complete protection. The **OVR DIN Rail Series** utilize fast acting metal oxide varistor technology to limit overvoltage to values compatible with the sensitive equipment connected to the network.



OVRT23N40320PTSU

FEATURES

- **MOV technology**
- **End of life indicator**
- **Pluggable, replaceable cartridges**
- **Remote indication (only on -TSU models)**



POWER MONITORING & PROTECTION

15

SPECIFICATIONS	
Protected Voltage (±15%)	120 VAC, 277 VAC, 347 VAC, 480 VAC, 600 VAC, 230 VAC
Frequency	50-60Hz
Continuous Voltage Max.	See Ordering Information
Surge Current	15 kA, 40 kA, 70 kA
Response Time	<25ns
Wire Size	
Solid	4-14 AWG
Stranded	6-14 AWG
Dimensions	
1 Pole	0.7" W x 3.3" H x 2.6" D (1.8 x 8.4 x 6.4cm)
2 Pole	1.4" W x 3.3" H x 2.6" D (3.6 x 8.4 x 6.4 cm)
3 Pole	2.1" W x 3.3" H x 2.6" D (5.3 x 8.4 x 6.4 cm)
1 Pole + N	1.4" W x 3.3" H x 2.6" D (3.6 x 8.4 x 6.4 cm)
2 pole + N	2.1" W x 3.3" H x 2.6" D (5.3 x 8.4 x 6.4 cm)
3 Pole + N	2.8" W x 3.3" H x 2.6" D (7.1 x 8.4 x 6.4 cm)
Weight	
1 Pole	0.25 lb (0.1 Kg)
2 Pole / 1 Pole + N	0.5 lb (0.2 Kg)
3 Pole / 2 Pole + N	0.75 lb (0.3 Kg)
3 Pole + N	1.0 lb (0.45 Kg)
Approvals	CE, RoHS, UL1449 #E322885
Warranty	1 year

ORDERING INFORMATION	
Model	Description
OVRT2	ABB surge protection device for Type 2 applications
	(Blank) 1 phase
	2L 2 phase
	3L 3 phase
	1N 1 phase + neutral
	2N 2 phase + neutral
	3N 3 phase + neutral
	15 15 kA surge capacity (I _{max})
	40 40 kA surge capacity (I _{max})
	150 170V Max Continuous Voltage
	320 320V Max Continuous Voltage
	440 440V Max Continuous Voltage (Only with 40kA guage)
	550 550V Max Continuous Voltage (Only with 40kA guage)
	660 660V Max Continuous Voltage (Only with 40kA guage)
	P pluggable
	(Blank) no auxiliary contact
	TS with optional auxiliary contact
OVRT2	2N 40 320 P TS
Example: OVRT22N40320PTSU	
Type 2 surge protector, 2 phase + neutral, 40 kA surge capacity, 320V, pluggable, with optional auxiliary contact	

NEW!