

Technical data

OVR DIN rail SPD

Electrical characteristics

Type / Test class		UL 1449 3rd Ed. - Type 4 for Type 2 apps IEC 61 643-1 2nd Ed - T2 / II
Frequency	Hz	50-60
Response time	ns	<25
Operating current (I_o)	mA	<0.1
Short circuit withstand current (I_{sc})	kA	200
Integrated thermal disconnecter		Yes
State indicator		Yes
Safety reserve		No
Remote indicator		Optional
Disconnecter curve	Circuit breaker - B or C	A
	Class J fuse	A
		≤125
		≤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 (Optional)

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	F	-40° to 176°
Maximum altitude	ft	6562
Color of housing / Fire resistance according to UL 94		Gray RAL 7035 / V-0
Reference standards		UL 1449 3rd Ed, IEC 61 643-1 2nd Ed

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Catalog number	Max. discharge current (I_{max} , 8/20 μ s, kA)	Maximum continuous operating voltage (U_c)	Voltage protection rating, kV
OVRT215150PU	15	175	0.6
OVRT215320PU	15	320	1.0
OVRT240150PU	40	175	0.6
OVRT240150PTSU	40	175	0.6
OVRT240320PU	40	320	1.0
OVRT240320PTSU	40	320	1.0
OVRT240440PTSU	40	440	1.3
OVRT240550PTSU	40	550	1.7
OVRT240660PTSU	40	660	1.9
OVRT270NPU	70	255	1.2
OVRT22L15150PU	15	175	0.6
OVRT22L15320PU	15	320	1.0
OVRT22L40150PTSU	40	175	0.6
OVRT22L40320PTSU	40	320	1.0
OVRT23L15150PU	15	175	0.6
OVRT23L15320PU	15	320	1.0
OVRT23L40150PTSU	40	175	0.6
OVRT23L40320PTSU	40	320	1.0
OVRT23L40440PTSU	40	440	1.3
OVRT23L40550PTSU	40	550	1.7
OVRT21N15150PU	15	175	0.6 / 0.7 (L-N / L-G)
OVRT21N15320PU	15	320	1.0 / 1.1 (L-N / L-G)
OVRT21N40150PTSU	40	175	0.6 / 0.7 (L-N / L-G)
OVRT21N40320PTSU	40	320	1.0 / 1.1 (L-N / L-G)
OVRT21N40440PTSU	40	440	1.3 / 1.4 (L-N / L-G)
OVRT21N40550PTSU	40	550	1.7 / 1.8 (L-N / L-G)
OVRT21N40660PTSU	40	660	1.9 / 2.0 (L-N / L-G)
OVRT22N15150PU	15	175	0.6 / 1.2 / 0.7 (L-N / N-G / L-G)
OVRT22N15320PU	15	320	1.0 / 1.2 / 1.1 (L-N / N-G / L-G)
OVRT22N40150PTSU	40	175	0.6 / 1.2 / 0.7 (L-N / N-G / L-G)
OVRT22N40320PTSU	40	320	1.0 / 1.2 / 1.1 (L-N / N-G / L-G)
OVRT22N40440PTSU	40	440	1.3 / 1.2 / 1.4 (L-N / N-G / L-G)
OVRT22N40550PTSU	40	550	1.7 / 1.2 / 1.8 (L-N / N-G / L-G)
OVRT22N40660PTSU	40	660	1.9 / 1.2 / 2.0 (L-N / N-G / L-G)
OVRT23N15150PU	15	175	0.6 / 1.2 / 0.7 (L-N / N-G / L-G)
OVRT23N15320PU	15	320	1.0 / 1.2 / 1.1 (L-N / N-G / L-G)
OVRT23N40150PTSU	40	175	0.6 / 1.2 / 0.7 (L-N / N-G / L-G)
OVRT23N40320PTSU	40	320	1.0 / 1.2 / 1.1 (L-N / N-G / L-G)
OVRT23N40440PTSU	40	440	1.3 / 1.2 / 1.4 (L-N / N-G / L-G)
OVRT23N40550PTSU	40	550	1.7 / 1.2 / 1.8 (L-N / N-G / L-G)
OVRT23N40660PTSU	40	660	1.9 / 1.2 / 2.0 (L-N / N-G / L-G)