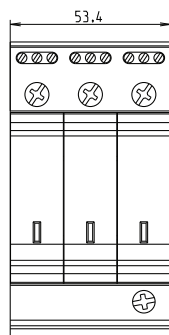
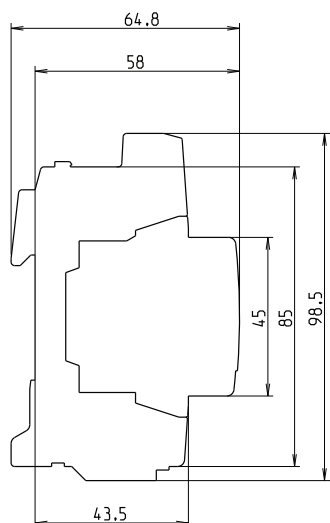


# OVR DIN Rail SPD

## OVRT23L40150PTSU

### UL 1449 3rd Edition



#### Electrical Characteristics

|                                                            |                                |                                                                           |
|------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------|
| Protection mode                                            |                                | L-L / L-G                                                                 |
| Number of poles / Type of current                          |                                | 3 / AC                                                                    |
| Type / Test class                                          |                                | UL 1449 3rd Ed. - Type 4 for Type 2 apps<br>IEC 61 643-1 2nd Ed - T2 / II |
| Nominal voltage ( $U_n$ ) (L-N / L-L)                      | V                              | 120 +/- 15% / 208 +/- 15%                                                 |
| Frequency                                                  | Hz                             | 50-60                                                                     |
| Maximum continuous operating voltage ( $U_c$ ) (L-N / L-L) | V                              | 175 / 350                                                                 |
| Voltage protection level ( $U_{res}$ ) - 3/5/10kA (L-G)    | kV                             | 0.6/0.7/0.8                                                               |
| Voltage Protection Rating (VPR - UL 3rd Ed.) (L-G)         | kV                             | 0.6                                                                       |
| Nominal discharge current ( $I_n$ @ 8/20)                  | kA                             | 20                                                                        |
| Maximum discharge current ( $I_{max}$ @ 8/20)              | kA                             | 40                                                                        |
| Follow current interrupt rating ( $I_{pr}$ )               | A                              | None                                                                      |
| Response time                                              | ns                             | <25                                                                       |
| Operating current ( $I_o$ )                                | mA                             | <0.1                                                                      |
| Short circuit withstand current ( $I_{scw}$ )              | kA                             | 200                                                                       |
| Integrated thermal disconnecter                            |                                | Yes                                                                       |
| State indicator                                            |                                | Yes                                                                       |
| Safety reserve                                             |                                | No                                                                        |
| Remote indicator                                           |                                | Yes                                                                       |
| Disconnecter                                               | Circuit breaker - B or C curve | 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

|                          |     |                |
|--------------------------|-----|----------------|
| 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                                |
| Weight                                                | lb | 0.75                                |
| 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 |

#### Replacement Cartridges

|         |  |              |
|---------|--|--------------|
| Phase   |  | OVRT240150CU |
| Neutral |  | -            |