



## Optima Arrester (10.2 kV MCOV, 7202 Hardware)

by TTF POWER TECHNOLOGY CO.,LTD

Catalog ID: OA001

IEEE Heavy Duty / IEC Distribution High Polymer Housed Surge Arrester

- Reliable capacitive disconnecter operates at fault currents as low as 1 Amp
- Dynamic triple sealing system protects internal components from moisture ingress to extend service lifetime
- High quality MOV discs made in Wadsworth, Ohio since 1978
- Arresters assembled in Aiken, South Carolina
- 100% routine tested

## PRODUCTS DETAILS

### General

Application	Distribution
Bracket Type	None
Cantilever Bending Strength - Max.	80 Nm
Color	Gray Housing
Mounting Position	Upright
Type	Distribution

### Dimensions

Height	5.5 in / 140 mm
Stud Type	3/8-16

### Electrical Ratings

Creep and Leakage Distance	17 in (431 mm)
Current - Low Current Long Duration (LCLD) Test	250 A
Duty Cycle	12 kV
Frequency Rating	48-62 Hz
MCOV	10.2 kV
Maximum .5 Microsecond Discharge Volts @ Classifying Current	42.1 kV
Maximum Discharge Voltage	<ul style="list-style-type: none"> <li>· 30.4 kV @ 1.5 kA</li> <li>· 32.6 kV @ 3 kA</li> <li>· 34.5 kV @ 5 kA</li> <li>· 37.6 kV @ 10 kA</li> <li>· 42.7 kV @ 20 kA</li> </ul>

	· 50.3 kV @ 40 kA
Maximum Switching Surge Protective Level @ 500A	27.8 kV
Minimum Strike	6.6 in / 168 mm
Pressure Relief Capability-Symmetrical rms (kA)	20
Time - Low Current Long Duration (LCLD) Test	2000 $\mu$ s

### **Certifications and Compliance**

Industry Standard(s)	IEEE/IEC
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### **Logistics**

Pallet Quantity	192 EA
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**For further technical assistance, please contact us**

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