

Model 3P42

Current Transformer Window Diameter 2.50"



Application

3 phase relay, metering and motor overload protection.

Frequency

50-400 Hz.

Insulation Level

600 Volts, 10 kV BIL full wave.

Terminals are brass studs No. 8-32 with one flatwasher, lockwasher and regular nut.

Approximate weight 11.5 lbs.



REGULATORY AGENCY APPROVALS



Data Table: Model 3P42

| Catalog Number | Current Ratio | Relay Class | ANSI Metering Class at 60 Hz | | | | | Secondary Winding Resistance (Ω @ 75 °C) |
|----------------|---------------|-------------|------------------------------|------|------|------|------|--|
| | | | BO.1 | BO.2 | BO.5 | BO.9 | B1.8 | |
| 3P42-101 | 100:5 | — | 1.2 | 2.4 | — | — | — | 0.035 |
| 3P42-151 | 150:5 | — | 0.6 | 1.2 | — | — | — | 0.053 |
| 3P42-201 | 200:5 | — | 0.6 | 0.6 | 1.2 | — | — | 0.071 |
| 3P42-251 | 250:5 | — | 0.3 | 0.3 | 1.2 | — | — | 0.088 |
| 3P42-301 | 300:5 | — | 0.3 | 0.3 | 0.6 | 1.2 | 2.4 | 0.106 |
| 3P42-401 | 400:5 | C10 | 0.3 | 0.3 | 0.6 | 0.6 | 1.2 | 0.112 |
| 3P42-501 | 500:5 | C10 | 0.3 | 0.3 | 0.3 | 0.6 | 1.2 | 0.140 |
| 3P42-601 | 600:5 | C10 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.168 |
| 3P42-751 | 750:5 | C20 | 0.3 | 0.3 | 0.3 | 0.6 | 0.6 | 0.265 |
| 3P42-801 | 800:5 | C20 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.283 |
| 3P42-102 | 1,000:5 | C10 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.308 |
| 3P42-122 | 1,200:5 | C10 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.365 |
| 3P42-152 | 1,500:5 | C10 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.462 |
| 3P42-162 | 1,600:5 | C10 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.492 |

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