



Current Transformer

Model 3P80, 3P81, 3P82 Rev 2152020

CERTIFICATIONS:



APPLICATION:

3 Phase relay, metering and motor overload protection

FREQUENCY:

50-400 Hz.

INSULATION LEVEL:

600 Volts. 10 kV BIL. full wave

WINDOW DIAMETER:

1.00", 1.63", 2.00"

APPROXIMATE WEIGHT:

4 lbs.

CONNECTIONS:

- Terminals are brass studs No. 8-32 with one flat washer, lock washer, and regular nut
- Optional flexible leads U.L. 1015, 105°C., CSA approved, No. 16 AWG, 24: long are available.

MODEL 3P80, 3P81, 3P82
Window DiameterS 1.00", 1.63", 2.00"
Approximate weight: 4 lbs.

MODEL 3P80 (1.00" Dia. Window)

CATALOG NUMBER	CURRENT RATIO	V.A. ± 1% Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75°C)
			BO.1	BO.2	BO.5	BO.9	B1.8	
3P80-101	100:5	7.5	2.4	2.4	4.8	-	-	0.034
3P80-151	150:5	10	1.2	1.2	2.4	4.8	-	0.052
3P80-201	200:5	20	0.6	1.2	2.4	2.4	4.8	0.069
3P80-301	300:5	30	0.6	0.6	1.2	2.4	2.4	0.103

MODEL 3P81 (1.63" Dia. Window)

CATALOG NUMBER	CURRENT RATIO	V.A. ± 1% Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75°C)
			BO.1	BO.2	BO.5	BO.9	B1.8	
3P81-101	100:5	2.5	2.4	4.8	-	-	-	0.031
3P81-151	150:5	7.5	2.4	2.4	4.8	-	-	0.046
3P81-201	200:5	10	1.2	1.2	2.4	4.8	-	0.061
3P81-251	250:5	12	0.6	1.2	2.4	4.8	-	0.077
3P81-301	300:5	10	0.6	0.6	1.2	2.4	4.8	0.092
3P81-401	400:5	25	0.6	0.6	1.2	2.4	4.8	0.122
3P81-501	500:5	40	0.6	0.6	1.2	1.2	2.4	0.153

MODEL 3P82 (2.00" Dia. Window)

CATALOG NUMBER	CURRENT RATIO	V.A. ± 1% Class	ANSI Metering Class at 60 Hz					Secondary Winding Resistance (Ω @ 75°C)
			BO.1	BO.2	BO.5	BO.9	B1.8	
3P82-301	300:5	2	2.4	2.4	4.8	-	-	0.106
3P82-401	400:5	4	1.2	2.4	2.4	4.8	-	0.142
3P82-501	500:5	7	1.2	1.2	2.4	2.4	-	0.177
3P82-601	600:5	10	1.2	1.2	2.4	2.4	4.8	0.212

Products are manufactured in a plant whose quality management system has been certified to be in compliance with ISO 9001:2015 by NQA

