

600 Volt Current Transformer

Model JCB-0C

Window: 7.25" to 8.125"



APPLICATION
Designed for indoor service. Suitable for operating meters, relays and control devices, on circuits not exceeding 600V line-to-line. It may be used on higher voltage circuits with an insulated conductor.

WEIGHT
Approximate with baseplate8.25 lbs

DIMENSIONS
Height11.25"
Width11.00"
Depth6.00" Max

REFERENCE DRAWINGS
Outline.....0121C33807

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

| JCB-0C DATA TABLE | | | | | |
|--------------------------------|----------------------------------|-------------|--|-------------|----------------|
| Current Ratio (Amps) Pri : Sec | IEEE Accuracy Class 60 Hz Burden | | Continuous Thermal Current Rating Factor | | Catalog Number |
| | Meter Class | Relay Class | @ 30°C Amb. | @ 55°C Amb. | |
| Single Ratio | | | | | |
| 50:5 | 2.4 thru B0.1 | C10 | 1.5 | 1.0 | 750X211001 |
| 100:5 | 1.2 thru B0.2 | C10 | 1.5 | 1.0 | 750X211002 |
| 400:5 | 0.6 thru B0.1 | C10 | 1.5 | 1.0 | 750X211003 |
| 500:5 | 0.3 thru B0.1 | C20 | 1.5 | 1.0 | 750X211004 |
| 600:5 | 0.3 thru B0.2 | C20 | 1.5 | 1.0 | 750X211005 |
| 800:5 | 0.3 thru B0.2 | C50 | 1.5 | 1.0 | 750X211006 |
| 1000:5 | 0.3 thru B0.5 | C50 | 1.5 | 1.0 | 750X211007 |
| 1200:5 | 0.3 thru B0.5 | C50 | 1.5 | 1.0 | 750X211008 |
| 1500:5 | 0.3 thru B0.9 | C100 | 1.5 | 1.0 | 750X211009 |
| 2000:5 | 0.3 thru B1.8 | C100 | 1.5 | 1.0 | 750X211010 |
| 2500:5 | 0.3 thru B1.8 | C100 | 1.5 | 1.0 | 750X211011 |
| 3000:5 | 0.3 thru B1.8 | C100 | 1.5 | 1.0 | 750X211012 |
| 4000:5 | 0.3 thru B1.8 | C100 | 1.5 | 1.0 | 750X211014 |
| 5000:5 | 0.3 thru B1.8 | C100 | 1.33 | 1.0 | 750X211015 |
| 6000:5 | 0.3 thru B1.8 | C100 | 1.0 | 0.75 | 750X211016 |
| Multi-Ratio (IEEE C57.13) | | | | | |
| 1200:5MR | 0.3 thru B0.5 | C50 | 1.5 | 1.0 | 750X211021 |
| 2000:5MR | 0.3 thru B0.5 | C100 | 1.5 | 1.0 | 750X211022 |
| 3000:5MR | 0.3 thru B0.5 | C100 | 1.5 | 1.0 | 750X211023 |
| 4000:5MR | 0.3 thru B0.5 | C100 | 1.5 | 1.0 | 750X211024 |

Model JCP-0C

Window: 5.38"



APPLICATION
Designed for indoor and outdoor service. Suitable for operating meters, relays and control devices, on circuits not exceeding 600V line-to-line. It may be used on higher voltage circuits with an insulated conductor.

REGULATORY AGENCY APPROVALS
UL RecognizedFile E93779

WEIGHT (Approximate)
Transformer with baseplate28 lbs

DIMENSIONS
Height11.06"
Width10.75"
Depth4.65"

REFERENCE DRAWINGS
Outline: Single Ratio0121C34439
Outline: Dual Ratio0121C33763

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

| JCP-0C DATA TABLE | | | | | | |
|--------------------------------|----------------------------------|------|------|-------------|--|----------------|
| Current Ratio (Amps) Pri : Sec | IEEE Accuracy Class 60 Hz Burden | | | Relay Class | Continuous Thermal Current Rating Factor @ 30°C Amb. | Catalog Number |
| | B0.1 to B0.5 | B0.9 | B1.8 | | | |
| Single Ratio | | | | | | |
| 600:5 | 0.3 | 0.3 | 0.3 | C100 | 2.0 | 750X115002 |
| 800:5 | 0.3 | 0.3 | 0.3 | C100 | 2.0 | 750X115003 |
| 1200:5 | 0.3 | 0.3 | 0.3 | C200 | 2.0 | 750X115005 |
| 1500:5 | 0.3 | 0.3 | 0.3 | C200 | 2.0 | 750X115006 |
| 2000:5 | 0.3 | 0.3 | 0.3 | C200 | 1.5 | 750X115007 |
| 3000:5 | 0.3 | 0.3 | 0.3 | C200 | 1.33 | 750X115009 |
| 4000:5 | 0.3 | 0.3 | 0.3 | C200 | 1.33 | 750X115010 |
| Dual Ratio | | | | | | |
| 1000/2000:5 | 0.3 | 0.6 | 0.6 | C100 | 2.0 | 750X115011 |
| | 0.3 | 0.3 | 0.3 | C200 | 1.5 | |
| 1500/3000:5 | 0.3 | 0.3 | 0.6 | C100 | 2.0 | 750X115012 |
| | 0.3 | 0.3 | 0.3 | C200 | 1.33 | |
| 2000/4000:5 | 0.3 | 0.3 | 0.6 | C100 | 1.5 | 750X115013 |
| | 0.3 | 0.3 | 0.6 | C100 | 1.5 | |

Model JCD-0C

Window: 8.13"



APPLICATION
Designed for both indoor and outdoor service. Suitable for operating meters, instruments and control devices. For use on higher voltage circuits with an insulated primary conductor.

REGULATORY AGENCY APPROVALS
UL RecognizedFile E93779

WEIGHT (Approximate)
Transformer, Window Type20 lbs
Mounting Base, add2 lbs

DIMENSIONS
Height12.62"
Width11.00"
Depth3.00"

REFERENCE DRAWINGS
Outline0121C33762

INSULATION LEVEL
0.6kV; BIL 10kV full wave

FREQUENCY
50-60 Hz

| JCD-0C DATA TABLE | | | | | | |
|--------------------------------|----------------------------------|------|-------------|--|-----------------------|--------------------------------|
| Current Ratio (Amps) Pri : Sec | IEEE Accuracy Class 60 Hz Burden | | Relay Class | Continuous Thermal Current Rating Factor @ 30°C Amb. | Catalog Number | |
| | B0.1 to B0.9 | B1.8 | | | Without Mounting Feet | Stainless Steel Feet Assembled |
| Single Ratio | | | | | | |
| 1500:5 | 0.3 | 0.3 | C50 | 3.0 | 750X131124 | 750X131125 |
| 2000:5 | 0.3 | 0.3 | C100 | 2.0 | 750X131007 | 750X131033 |
| 3000:5 | 0.3 | 0.3 | C100 | 2.0 | 750X131009 | 750X131035 |
| 4000:5 | 0.3 | 0.3 | C100 | 1.5 | 750X131010 | 750X131036 |
| 5000:5 | 0.3 | 0.3 | C100 | 1.0 | 750X131011 | 750X131037 |
| 6000:5 | 0.3 | 0.3 | C100 | 1.0 | 750X131012 | 750X131038 |
| 8000:5 | 0.3 | 0.3 | C100 | 1.0 | 750X131014 | 750X131040 |
| Dual Ratio | | | | | | |
| 1000/2000:5 | 0.3 | 0.6 | C50 | 2.0 | 750X131016 | 750X131042 |
| | 0.3 | 0.3 | C100 | 2.0 | | |
| 1500/3000:5 | 0.3 | 0.6 | C50 | 2.0 | 750X131017 | 750X131043 |
| | 0.3 | 0.3 | C100 | 2.0 | | |
| 2000/4000:5 | 0.3 | 0.6 | C50 | 2.0 | 750X131018 | 750X131044 |
| | 0.3 | 0.3 | C100 | 1.5 | | |
| 3000/6000:5 | 0.3 | 0.6 | C50 | 1.33 | 750X131019 | 750X131032 |
| | 0.3 | 0.3 | C100 | 1.0 | | |