

MV Current and Potential Transformer (CT PT)



CT Indoor

- Isolasi 7,2 - 36kV
- Short time current s.d 1000 x Primary (wound types) & unlimited for window and bar types
- Arus primer wound primary 5 - 3000A
- window type 500 - 6000A
- bar type 500 - 3000A
- Arus Sekunder 5A atau 1A
- Jumlah core 1 s.d 3
- Accuracy Metering CL0,2S - CL3
- Relaying CL5P5 - CL10P20 (IEC)
- Special CLX standard B.S /TPS/ IEC

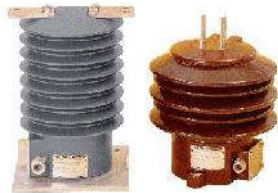
SADTEM MV Current and Potential Transformers

- MV Metering Set KYE24
- INDOOR/OUTDOOR CT & PT 24kV

The advantages of Class 0.2S

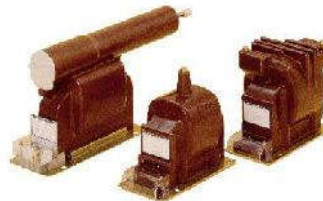
- **A Reduces number of references :**
The CT covers a span of measurement from 1 to 100
A CT rated 50-100/5 CL0.2S can measure from 0.5A up to 100A.
It replaces at least 4 CT's CL0.5 rated 5-10/5, 10-20/5, 20-40/5, 50-100/5
- **A significant stock cost reduction**
Less CT references means less units in stock.
- **An improved power measurement**
The power used by the customer is more accurately measured: more value is invoiced.

EDF in France has changed from 30VA CL0.5 to 7.5VA CL0.2S



CT outdoor

- Isolasi 7,2 - 52kV
- Short time current s.d 500 x In
- Arus primer wound primary 5 - 3000A
- window type 500 - 7000A
- bar type 500 - 3000A
- Arus sekunder 5A atau 1A
- Jumlah core 1- 4
- Accuracy Metering CL0,2S to CL3
- Relaying CL5P5 to CL10P20
- Special CLX standard B.S /TPS/ IEC



PT indoor



PT outdoor



Ring type CT

TABEL KECOCOKAN CT PT SADTEM PADA BEBERAPA TIPE CUBICLE

| Builder | Type/Model of Switch Gear | Most possible models of CT's in existing Cubicles | Height (mm)/distance between poles | Comments | Equivalent SADTEM Proposed | Interchangeability With Existing CT - Electrical (E) - Dimension (D) - Installation/Plate (P) | Alternative (If minor adaptation required only) |
|-------------------------|-----------------------------|---|------------------------------------|----------------------------|----------------------------------|--|--|
| SCHNEIDER | VM6/D 12-DM23 etc | MG TC/RC M08 | 225/90 | Specialy de signed for VM6 | K52 | 100% | Not possible without changing the integrity of the cubicle |
| | | SADTEM K52 | 225/90 | | K52 | 100% | Some as above |
| | VM6/IM QM | MG TCJRC M6A | 225/4.0 | | K51 | 100% | Same as above |
| | | SADTEM K51 | 225/40 | | K5 1 (single core) | 100% | Same os above |
| | SM8/DM1 DM2 CIBC (400-630A) | Magrini ARMS N2F | 292/86 | | SW34 | 100% (designed to match Magrini) | K52 with plate. |
| | SM8JDM 1 DM2 GBH (1250A) | Magrini ARJP2 / N2F | 280/120 | | SW45 (SM8) | 100% (designed to match Magrini) | K52 with plate. |
| | SM8/IMC | Magrini ARM2/N2F | 244/86 | With sheds | SW33 | 100% (designed to match Magrini) | K52 with plate. |
| SM8/QMC | Magrini ARM 1 /N 1 F | 244/86 | With sheds | SW32 (single core) | 100% (designed to match Magrini) | K52 with plate. | |
| SM8/CRM | Magrini ARJP 1/N2F | 280/120 | | SW44 (sm8) | 100% (designed to match Magrini) | K52 with plate. | |
| ALSTOM / UNINDO | Fluokit | Balteau RKF24 | 239/70 | | K52 with plate | 100% on E, 95% on D (smaller),90% on P (drilling) | |
| | | SADTEM K54 | 280/120 | | SW54 | 100% | K52 with plate |
| | | SADTEM SW44 | 250/120 | | SW44 | 100% | K52 with plate. |
| ABB | Cemkit | SADTEM 5.6 | | No more available | K52 | 80% | |
| | Uniswitch | ABB Stromberg KOF024 (DIN) | 280/120 | | SW84/180b29 | 100% (All DIN sizes) | |
| F&G Industri | | SADTEM SW64 | 280/120 | | 3W84/180b29 | 100% (All DIN sizes) | |
| | Metal | SADTEM SW44 | 250/120 | Can be up to 280 | SW44 | 100% | |
| SIEMENS | | SADTEM SW45 | 250/120 | | SW45 | 100% | |
| | | CE A84 DIN | 280/120 | | SW84/180b29 | 100% (All DIN sizes) | |
| | Various DIN 42600 | | 280/120 | | SW84/180b29 | 100% (All DIN sizes) | |