

Type: **3EI100/100v**

Nominal Power:

**30VA, ta60°C/B**

Approvals:

Part No.:

**MS 12217**



**General:**

- Measurement transformer acc EN600044, 3 Phase class 2,5 with 30VA burden
- 12 kV Hipot test voltage Pri – Sec
- min. 6mm clearance and creepage distance under potting
- Vacuum potted
- Insulation class ta 60°C/B
- RoHS compliant

**Electrical Data:**

Nominal power for class 2,5:  
Operating ambient temperature:  
Insulation class:  
High pot test voltage:

30VA  
-25°C - +60°C  
B ( 130°C )  
12 kV Pri – Sec 2 sec

**Input:**

Primary connection:  
Nominal voltage:  
Nominal frequency  $\pm 1\%$ :  
No load current at 4500V:  
Nominal input current at 4500V/50Hz:  
No load losses at 4500V/50Hz:  
Winding resistance at  $20^{\circ}\text{C}$ ,  $\pm 10\%$ :

Lead wires, 200mm  
3x 4500V at U, V, W  
50Hz / 60Hz  
max. 3mA/ Phase  
3x 6mA  
typ. 1,0W  
3x tbd kOhm (Phase-N)

**Output:**

Secondary connection:  
Rated voltage  $\pm 2,5\%$  at 3300V, 30VA:  
Nominal current:  
No load voltage  $\pm 1\%$  at 3300V/50Hz:  
Winding resistance  $20^{\circ}\text{C}$ ,  $\pm 10\%$ :

Lead wires, 200mm  
3x 110 V at u, v, w or 63,5V (u,v,w - n)  
278mA  
3x 114,5V  
3x 8,8 Ohm (Phase – N)

**Drawing:**

