

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:	30VA
Operating ambient temperature:	-25°C - +60°C
Insulation class:	B (130°C)
High pot test voltage:	12 kV Pri – Sec 2 sec

Input:

Primary connection:	Lead wires, 200mm
Nominal voltage:	3x 4500V at U, V, W
Nominal frequency +/-1%:	50Hz / 60Hz
No load current at 4500V:	max. 3mA/ Phase
Nominal input current at 4500V/50Hz:	3x 6mA
No load losses at 4500V/50Hz:	typ. 1,0W
Winding resistance at @20°C, +/-10%:	3x tbd kOhm (Phase-N)

Output:

Secondary connection:	Lead wires, 200mm
Rated voltage +/-2,5% at 3300V, 30VA:	3x 110 V at u, v, w or 63,5V (u,v,w - n)
Nominal current:	278mA
No load voltage +/-1% at 3300V/50Hz:	3x 114,5V
Winding resistance @20°C, +/-10%:	3x 8,8 Ohm (Phase – N) -

Drawing:

