

AgSnO₂In₂O₃ 8-14

Internal Oxidation Process

Characteristics

- Cadmium free RoHS material
- High arc erosion resistance for AD and DC applications
- Low material migration/transfer in DC applications
- Weld resistant
- Long life

Applications

- AC contactors. Motor starters – low to high loads
- Appliance controls 110-380V
- Wiring devices
- Light switches, timer switches
- Automotive control and power relays (ISO Relays)
- Accessory switches
- Specific purpose relays
- HVAC power relays
- Railway signal switches
- Electric motor controls
- Relays (AC/DC)
- General purpose relays 0.1 – 20A

Material	Ag Content [wt-%]	Density [gr/cm ³]	Electrical Resistivity [μ Ω cm]	Hardness (Annealed) [HV10]	Tensile Strength [N/mm ²]	Elongation (Annealed)	Form of Supply
AgSnO ₂ In ₂ O ₃ 8 TOS	92	10.0	2.07	67	265	22	Wires, Tips, Rivets
AgSnO ₂ In ₂ O ₃ 10 TOS	90	9.90	2.10	75	280	20	
AgSnO ₂ In ₂ O ₃ 12 TOS	88	9.70	2.3	80	290	18	
AgSnO ₂ In ₂ O ₃ 14 TOS	86	9.45	2.4	99.7	330	17	

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