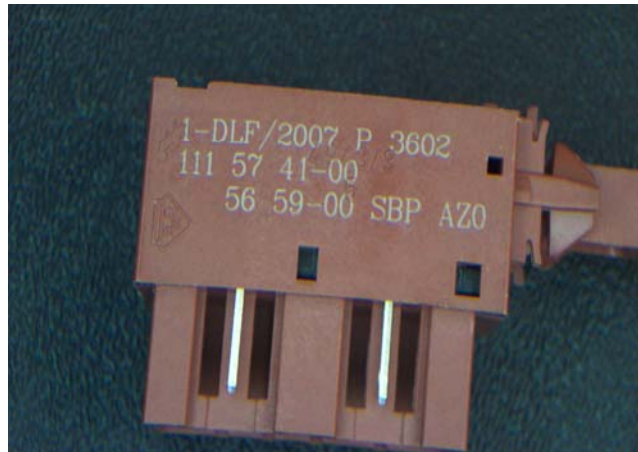

MARKING ELECTRICAL SWITCHES WITH 355 nm DPSS LASER



Hundreds of millions of electrical switches and miniature circuit breakers (MCB) are manufactured every year and each one has to be marked with appropriate product and safety information. Many of these enclosures are manufactured from a glass polymer material or a hardened plastic material that is designed to resist electrical and mechanical breakdown for many years. The safety data attached to these devices must also last for the lifetime of the product.

The Model 3510-30, 355 nm, DPSS laser is an ideal solution for marking today's MCB's. Due to the thermal resistance of the case material, traditional IR lasers are often ineffective and sometimes damaging to these switches.

The 355nm DPSS laser produces a high contrast mark with no thermal damage.

Laser Model	Average Power	Rep Rate	Scan Rate
3510-30	1 Watt @ 355 nm	30 kHz	1 to 5 meters/sec