

FIBER LASER SAFETY SYSTEM with EXTERNAL MOSFET SWITCH

DRAWINGS: PULSED LASER CONSTRUCTION GUIDE
FLSCU16 / FLHPS16E EXTERNAL SWITCH

Description: FLSCU16 / FLHPS16E

FLSCU16 / FLHPS16E is a Ple / KAT3 two-channel laser safety system which controls the secondary output of a laser main power supply. In case of F-Stop (emergency off) and fault conditions circuit breakers open the primary AC side of the laser main supply. Interlocks (for example doors) open the DC output of the laser main supply by means of an external MOSFET switch.

Security System FLSCU16 / FLHPS16E is housed in a 45mm wide DIN rail unit.

FLSCU16: Control of F-Stop, interlocks and main power circuit breakers. Control of keyswitch, fault reset and system start.

FLHPS16E: switching of external MOSFET and primary circuit breakers.
Two channel on/off control of DC laser supply with AC primary switch off in fault conditions.

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