

Data Sheet

Laser Shutter HQ-LSA10/18/25



Specification only applies in combination with the HQ-SCU16 Laser Shutter Controller

MODEL
HQ-LSA10
HQ-LSA18
HQ-LSA25


MECHANICS			
SIZE (LXBXH)	88 x 78 x 40,5mm	126 x 87 x 47mm	119 x 100 x 90mm
WEIGHT	480 g	760 g	1.200 g
INSTALLATION OPTIONS	horizontal & vertical	horizontal & vertical	horizontal & vertical
MATERIAL CASE	anodized aluminum	anodized aluminum	anodized aluminum
ELECTRONICS			
VOLTAGE	24VDC	24VDC	24VDC
CURRENT (POSITION CLOSE)	190mA	190mA	200mA
CURRENT (POSITION OPEN)	320mA	420mA	250mA
ACTUATOR	solenoid	solenoid	rotary drive
DEFAULT SHUTTER POSITION	closed	closed	closed
OPTICS			
APERTURE	10mm	18mm	25mm
MAX. LASER POWER	n/a	n/a	n/a
SUITABLE WAVELENGTH	10,6µm	10,6µm	355nm – 10,6µm
ADD-ONS	no	no	1" mirror & beam dump
SAFETY			
PERFORMANCE LEVEL	PL _E (Dekra)	PL _E (Dekra)	PL _E (Dekra)
COMFORMITY	CE	CE	CE
TEMPERATURE CONTROL	yes, max. 65°C	yes, max. 65°C	yes, max. 65°C
STATUS CONTROL	LED Display on HQ-SCU16	LED Display on HQ-SCU16	LED Display on HQ-SCU16
CLOSING TIME MECHANICAL	approx. 80ms	approx. 80ms	approx. 80ms
CLOSING TIME PWM	approx. 1ms	approx. 1ms	approx. 1ms
CONTROL END POSITIONS	non-contact, redundant	non-contact, redundant	non-contact, redundant