

LSS

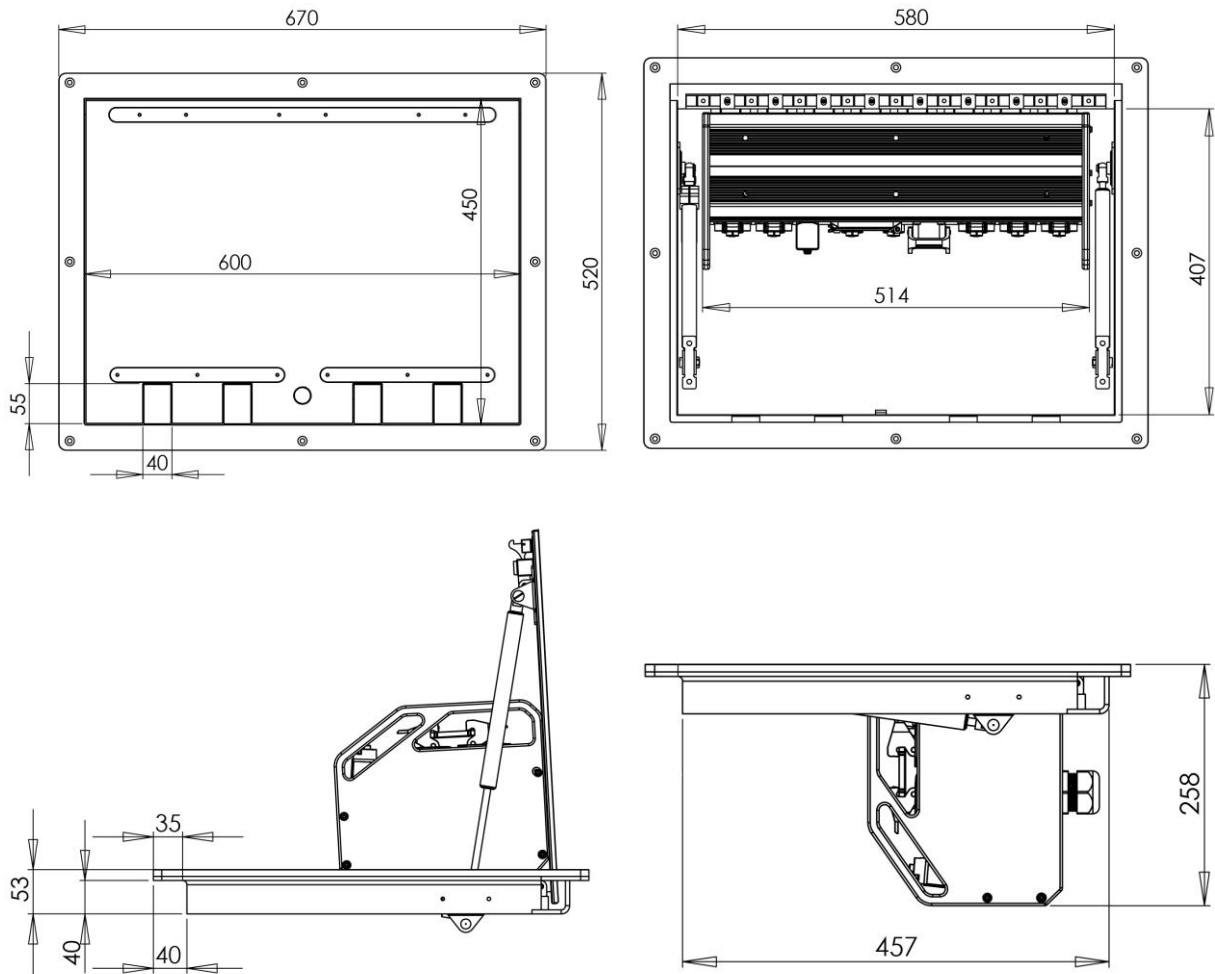


Stage floor flap

LSS Trap Doors are developed to connect devices to power and data lines in junction boxes below scenic areas. The Trap Door is made of 8 mm steel plate and has a 35 mm wide, peripheral edge, which is flush with the stage floor. Cables are connected via cable outlets with lockable and flush closing covers. The surface of the door is black powdered and has a coarse structure. Optionally, the surface can be covered with a slip-resistant foil. The Trap Door has a locking against opening by punctual load and can be loaded with a wheel load of up to 5 kN. The door is mounted pneumatically so that opening and closing can be done with little effort. The pneumatics also prevents the door from closing on its own, gently lower it when closing and protect against pinching.

A junction box is fixed to the LSS Trap Door, which swings in position when opened. So the junction box is above the stage level. This guarantees a free and comfortable access to connections or devices. The profile of the junction box is LSS Multifunctional Duct 250 x 140. Inside the duct two DIN rails offer plenty of space to install circuit breakers, boards and terminals, and so on. On the cover there are two levels to mount devices or connectors. The configuration of the installed connections and devices can be freely selected within the physical limits.

Trap Door 600x450



Mounting dimensions	670 x 520 x 13 mm
Mounting depth	At least 300 mm from the stage level
Clear dimension	580 x 407 mm
Weight	29 kg without junction box
Cable outlets	4, Dimensions 40 x 55 mm
Maximum opening angle	90°
Maximum wheel load	5 kN
Surface	Powder-coated black RAL 9005, coarse structure Optional: slip-resistant adhesive foil
Length Multifunctional Duct 250 x 140	Maximum 514 mm
Connection to electrical installation	Connection box with flexible cables Pay attention to connection to equipotential bonding!