



**RITTER**  
Starkstromtechnik

## LSF3001

Circuit breaker panel  
withdrawable  
and fixed assembly  
design for 3-pole  
circuit breakers  
Rated current  
up to 4000 A  
Rated short-time  
withstand current  
up to 100 kA

## LSF3001

### Circuit Breaker Panel

designed in withdrawable and fixed assembly versions for 3-pole circuit breakers up to a rated current of 4000 A, rated short-time withstand current up to 100 kA.

### Application Area

Supply for main distribution boards or feeder panels.

### Construction

The circuit breaker is fitted centrally in the panel. The connection to the bus bars is made in the rear part of the panel. The cable connection is arranged beneath the circuit breaker. The front side is locked by three doors:

- Control compartment
- Circuit breaker compartment
- Cable connection compartment

### Operating Devices

The type 3WL by Siemens or Emax by ABB will be applied as circuit breaker. The conventional design or communicate-capable (PROFIBUS) can be used.

### Field of Application

These panels are applicable in the building services and the industry version. The panels of the industry version are tested in regard to the appearance of inner faults (internal accidental arcing).

### Dimensions

Panel width 500, 600, 1000 mm  
Panel depth 660 mm  
Panel height 2300 mm with IP31  
2400 mm with IP41



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### Technical Data

Rated operational voltage $U_e$	400 V, 500 V, 690 V
Rated current $I_n$	up to 4000 A
Frequency $f$	50/60 Hz
Rated short-time withstand current $I_{cw}$	100 kA
Rated peak current $I_{pk}$	220 kA
Rated short-time duration	1,0 s
Short-time duration for internal arc	0,3 s

### Panel dimensions with differen circuit breakers

LS-type	LS-rated current	panel width 3-pole	panel depth
BG1	up to 1600 A	500 mm	660 mm
BG2	up to 3200 A	600 mm	660 mm
BG3	up to 4000 A	1000 mm	660 mm