

LOGO! ICL230 AC100-240 V/5 A  
 LOGO! ICL230 Switch on current limiter Input: AC 100-240 V Output:  
 AC 100-240 V/5 A



Input	
Input	1-phase AC
Rated voltage value $V_{in}$ rated	100 ... 240 V
Voltage range AC	85 ... 264 V
Wide-range input	Yes
Built-in incoming fuse	Overload protection in case of error through non-reversible thermal fuse

Output	
Output	according to the supply voltage
Output voltage	
<ul style="list-style-type: none"> <li>at AC Rated value</li> <li>at AC</li> </ul>	100 - 240 V AC 85 ... 264
Product function Output voltage adjustable	No
Status display	Green LED
Current range	0 ... 5 A
<ul style="list-style-type: none"> <li>Note</li> </ul>	Active current limitation for 60 ms to 10 A during switch-on.
Parallel switching for enhanced performance	No

### Efficiency

Power loss at $V_{out}$ rated, $I_{out}$ rated, approx.	1.5 W
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### Protection and monitoring

Short-circuit protection	to be ensured by primary protection element
type of threshold value setting	Switching frequency max. 2 events per minute. Time-limited increased switching frequency once per hour for one minute (typ. 30 events per minute).
characteristics of electronic overload switch-off	Non-reversible thermal fuse

### Safety

Standard for safety	EN 60950-1
Primary/secondary isolation	No
Protection class	Class III
CE mark	Yes
UL/cUL (CSA) approval	cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259
Explosion protection	-
FM approval	-
CB approval	Yes
Marine approval	-
Degree of protection (EN 60529)	IP20

### EMC

Emitted interference	EN 61000-6-3
Supply harmonics limitation	-
Noise immunity	EN 61000-6-2

### Operating data

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>— Note</li> <li>• during transport</li> <li>• during storage</li> </ul>	-40 ... +70 °C with natural convection -40 ... +85 °C -40 ... +85 °C
Humidity class according to EN 60721	Climate class 3K3, no condensation

### Mechanics

Connection technology	screw-type terminals
Connections	
<ul style="list-style-type: none"> <li>• Supply input</li> <li>• Output</li> </ul>	L, N: 1 screw terminal each for 0.5 ... 2.5 mm <sup>2</sup> single-core/finely stranded +, -: 1 screw terminal each for 0.5 ... 2.5 mm <sup>2</sup>
Width of the enclosure	18 mm
Height of the enclosure	90 mm
Depth of the enclosure	53 mm
Required spacing	
<ul style="list-style-type: none"> <li>• top</li> <li>• bottom</li> </ul>	20 mm 20 mm

<ul style="list-style-type: none"> <li>• left</li> <li>• right</li> </ul>	0 mm
	0 mm
Weight, approx.	0.14 kg
Product feature of the enclosure housing for side-by-side mounting	Yes
Installation	Snaps onto DIN rail EN 60715 35x7.5/15
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)