



# LAegis-PS

Prevents damages and malfunction of earth leakage breaker caused by lightning



## Features

- High-level protection against not only induced lightning but backflow of lightning current from the earth wire
- Prevention of malfunction of earth leakage breaker caused by lightning
- Compact design. Integrated with a breaker
- Maintenance-free. No mechanical drive mechanism



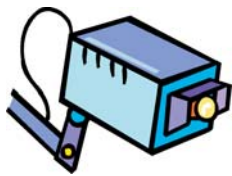
Nippon Kouatsu Electric Co. Ltd.



NKE has been manufacturing and selling highly reliable products used to support electric power and railroad infrastructures for more than half a century. LAegis is our brand for lightning protection equipment into which all of our accumulated technologies and know-how are integrated.

## LAegis-PS can be applied for:

- Power sources for various outdoor/ indoor communication and control facilities;
- Facilities and buildings where an earth leakage breaker often malfunctions because of lightning; and
- Power sources for facilities where high reliability is required.



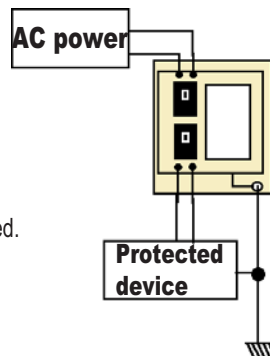
Especially effective for the unmanned surveillance system, remote monitoring equipment, wireless communication station, CATV power source, etc.



## Application examples

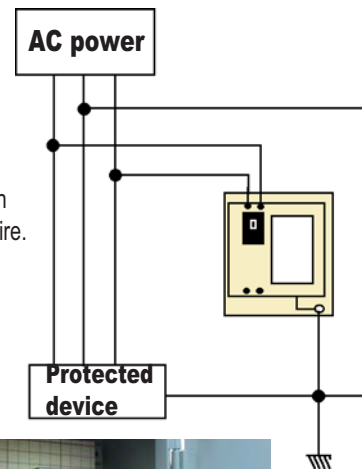
### APP.1 ● Single phase 100V

LAegis can replace the earth leakage breaker currently used.



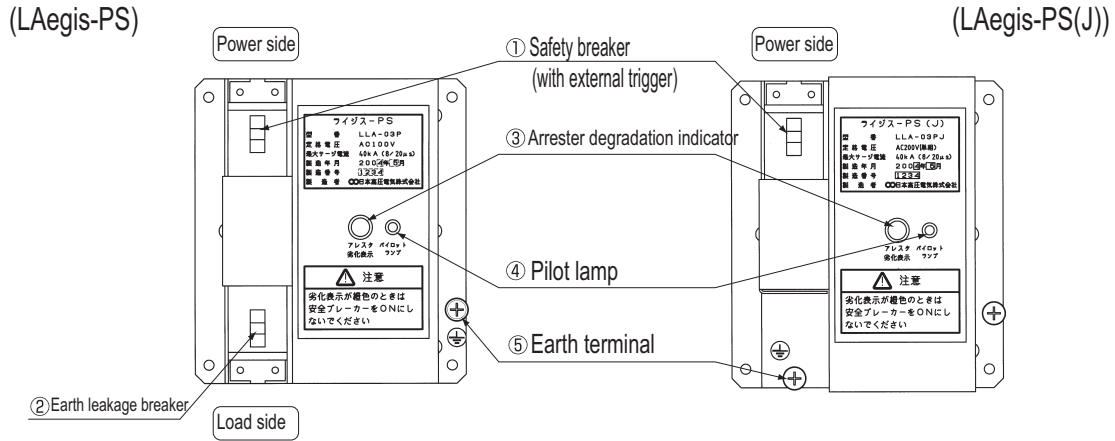
### APP.2 ● Single phase 200V

LAegis can be installed in parallel with the power wire.



Please be sure to connect the earth wires of the protected equipment and LAegis.

Appearance

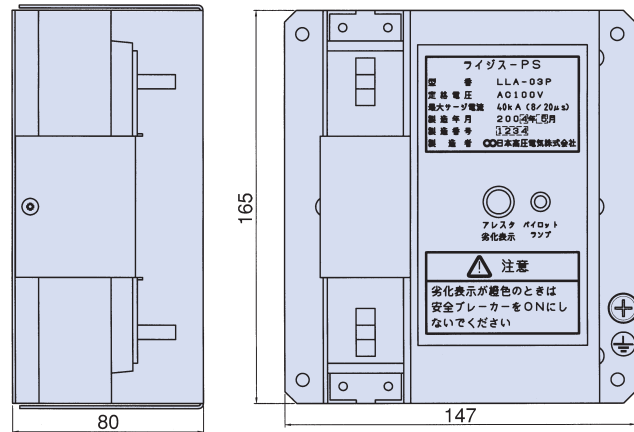


Spec.

	LAegis-PS	LAegis-PS(J)
Rating	Single phase 100V - 20Amp 50/60Hz	Single phase 100V, 200V 50/60Hz
Discharge voltage	1,500V	
Maximum surge current	40kA (8/20 $\mu$ S)	
Dimensions	W147×D80×H165	
Weight	1.5kg	
	LAegis is for indoor use. In case of outdoor use, please keep this product inside an outdoor-use enclosure which is water-proof and dust-proof.	

Dimensions

(LAegis-PS)



Note 1: Please refer to the instruction manual attached to the product for installation and handling.

Note 2: Outdoor-use enclosure and lightning indicator are optionally available.  
 Please contact us for details.

■ Warranty period

One year after delivery to your designated location.

■ Warranty coverage

Any defect of the product attributable to us found during the warranty period will be replaced or repaired at our responsibility, limited to the defective part.

※ This warranty is only for the product itself and not for any loss or damage occurred in relation to the product.



Nippon Kouatsu Electric Co. Ltd.

<http://www.nkeco.co.jp/>  
[laegis@nkeco.co.jp](mailto:laegis@nkeco.co.jp)