

## Surge protection plug - PT-IQ-5-HF-5DC-P - 2800795

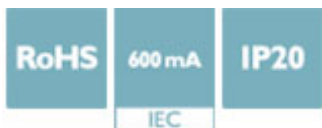
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Surge protection plug with integrated multi-stage status indicator on the module for five signal wires. For HF applications. Nominal voltage: 5 V DC

### Your advantages

- ✔ Surge protection system
- ✔ Multi-level state monitoring
- ✔ Collective message about supply and remote module
- ✔ System supplied via DIN rail bus
- ✔ Up to 28 protection modules per supply module
- ✔ For HF applications, thanks to high transmission speeds
- ✔ Maximum ease of maintenance thanks to the two-piece design
- ✔ Codable plug
- ✔ Impedance-neutral disconnection of plug for maintenance purposes
- ✔ Base element remains an integral part of the installation



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 706018
GTIN	4046356706018

### Technical data

#### Dimensions

Height	45 mm
Width	17.7 mm
Depth	46.6 mm
Horizontal pitch	1 Div.
Complete module height	91.1 mm
Complete module width	17.7 mm
Complete module depth	77.5 mm

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## Technical data

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	max. 4000 m
Degree of protection	IP20

### General

Housing material	PA 6.6
Flammability rating according to UL 94	V-0
Color	black
Standards for clearances and creepage distances	IEC 60664-1
Mounting type	on base element
Type	Male
Direction of action	Line-Line & Line-Signal Ground/Shield & optional Signal Ground/Shield-Earth Ground

### Protective circuit

Nominal voltage $U_N$	5 V DC
Maximum continuous voltage $U_C$	6 V DC
	4 V AC
Rated current	600 mA (40 °C)
Surge protection fault message	Optical, multi-stage

### Connection data

Connection method	pluggable
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### Standards and Regulations

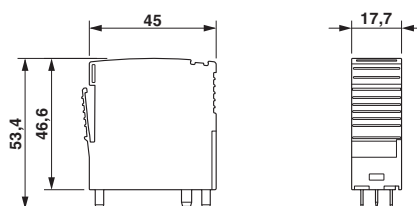
Standards/specifications	EN 61643-21/A1 2009
	IEC 61643-21/A2 2012
	EN 61000-6-2/A1 2011
	EN 61000-6-3 2005

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Drawings

Dimensional drawing



## Surge protection plug - PT-IQ-5-HF-5DC-P - 2800795

### Approvals

Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.A*30.B01561
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