

## AO000299

### SAFETY SYSTEMS • DOWNSTREAM DEVICES



#### MECHANICAL FEATURES

Ambient temperature	-15 °C ... 55 °C
Depth	118 mm
Height	90 mm
Housing material	Plastic
Length	118 mm
Rail mounting possible	+
Version	Expansion device
Width	22.5 mm

#### ELECTRICAL FEATURES

Decay time	20 ms
Evaluation of inputs	Dual channel
No-load current	40 mA
Number of normally closed contacts	1
Number of normally open contacts	3
Number of outputs, safety-related, undelayed, with contact	3
Number of outputs, signaling function, undelayed, with contact	1
Rated control supply voltage $U_s$ at DC	24 V ... 24 V
Suitable for monitoring of optoelectronic protective devices	+
Suitable for monitoring of proximity switches	-
Suitable for monitoring of solenoid switches	-
Suitable for safety functions	+
Switching current	4
Switching voltage	250
Type of electrical connection	Screw connection
Voltage type for actuation	DC
With detachable clamps	-
With feedback circuit	+
With forcibly guided contacts	+
With muting function	-
With start input	+

## OTHER FEATURES

	-
Category in acc. with EN 954-1	4
Performance level in acc. with EN ISO 13849-1	Level e
SIL in acc. with IEC 61508	3
Suitable for monitoring of tactile sensors	-

## Other

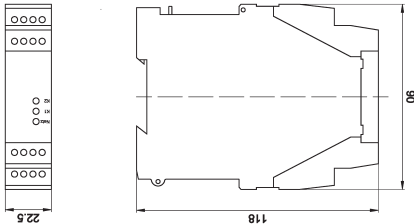
Packaging dimensions	140mm x 45.0mm x 170mm
Shipping weight	0.25kg
Tariff code	85364190

## Classification

ipf product group	710
eClass 8.0	27371819
eClass 9.0	27371819
eClass 9.1	27371819
ETIM-5.0	EC001449
ETIM-6.0	EC001449
ETIM-7.0	EC001449

## Connection

### Dimensional drawing



## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## Software

Please download the software or driver required for operating your new device on our homepage: [www.ipf.de](http://www.ipf.de)

## Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.