

SPD 20 320 P5 G3 Inventronics

SPD P5 G3 | Surge protection device



Product family features

- High surge protection for all lighting applications
- Failure indication LED
- Mains voltage up to 320 V
- Voltage protection level for connected LED driver <2 kV
- High surge protection of up to 10 kV / 5 kA; comply with IEC 61643-11 - T3
- Maximum surge protection of up to 10 kA; comply with IEC 61643-11 - T2
- TÜV approved acc. to IEC 61643-11 – T2 & T3
- Failure indication LED

Product family benefits

- Maximize the lifetime of outdoor lighting system
- Low maintenance effort
- Long lifetime and high working temperature
- High surge protection of up to 10 kV / 10 kA for all lighting applications
- Compact and thin housing
- Fully compliant with IEC 61643-11
- IP rating: IP65

Areas of application

- Street and urban lighting
- Industry lighting
- Suitable for luminaires of protection classes I and II

Technical data

Electrical data

Mains frequency	50..60 Hz
Nominal voltage	100...277 V

Dimensions & weight

Length	60.5 mm
Height	20.0 mm
Width	40.5 mm
Product weight	75.00 g
Mounting hole spacing, length	50.5 mm
Mounting hole spacing, width	30.5 mm
Cable cross-section, input side	3*1 mm ^{2 1)}
Cable cross-section, output side	3*1 mm ^{2 1)}
Wire preparation length, input side	8...10 mm

1) Solid and stranded

Temperatures & operating conditions

Ambient temperature range	-40...+80 °C
Maximum temperature at tc test point	85 °C
Permitted rel. humidity during operation	5...95 % ¹⁾
Temperature range at storage	-40...85 °C

1) Non-condensing

Lifespan

ECG lifetime	not relevant
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Capabilities

Suitable for fixtures with prot. class	I / II
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Certificates & standards

Type of protection	IP65
Standards	IEC 60598 / IEC 61643-11
Approval marks – approval	CE / CB / TÜV

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	30-03-2026
Primary Article Identifier	6977078992763
Declaration No. in SCIP database	In work
SCIP_ID	

Download Data

File		
Product Datasheet	PDF	▶ FULL Product Datasheet SPD 20 320 P5 G3 300424
CAD data 3-dim	UNKNOWN	▶ SPD10_20 320 P5 G3

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6977078992763 INVENTRONICS	SPD 20 320 P5 G3 Inventronics	Shipping carton box 50 Pieces	395 x 329 x 158 mm	20.53 dm ³	129.16 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.