



### 1 Phase, Protection Class IP20

DIN-Rail AC-Inrush Current Limiter for Inductive and Capacitive Loads

### Specification

Input / Output:	184 - 265 VAC, 323 - 570 VAC, 47 - 63 Hz
Limiting Time:	100 - 500 ms
Repeat interval:	1000 ms
Connecting Wire Size:	24 - 16 AWG (0.2 - 1.5 mm <sup>2</sup> )
Operation Environment:	-40°C - 70°C
Cooling:	Convection
Safety:	EN60950-1, EN61000-6-2,3, CE, RoHS
MTBF:	300.000 h
Storage:	-40°C - 85°C
Case Material:	Plastic Material UL V0 (UL compliant)

### Order Informations

Article No.	Model Name	AC rated Current (A)	Input	IP
901000909 / 42451	TPS-ESB-01-12A	12	230 VAC	20
901000910 / 42452	TPS-ESB-01-16A	16	230 VAC	20
901000911 / 42453	TPS-ESB-01-25A	25	230 VAC	20

### Special Features

- 12 A, 16 A, 25 A Peak Limiting
- DIN-Rail
- Screw terminals 24 - 16 AWG (0.2 - 1.5 mm<sup>2</sup>)
- Integrated Bypass Relais, no simple NTC-Solution
- Limiting Time: 100 - 500 ms

### Key Applications

- Inductive and Capacitive Loads
- Isolating Transformers
- Reduction of Cabling Sections possible
- Protects against unintended release of Fuse
- Allows smaller and faster Circuit Breaker

### Handling

ATTENTION: Before installation, please switch off the external AC isolator (fuse)!  
Only work with an isolated screw driver!

