




SERIES FGSE


According to VDE 0570 / EN 61558 part 2 – 6 

- Ripple < 5 %
- Open mounting version
- Nominal current range 1 – 6 A
- Protective system IP 00
- Transformer according to VDE 0570 part 2 – 6, Class I construction
- Ambient temperature 60° C max.
- Screw terminals on primary side with self-lifting disk for wire cross sections up to 1.5 mm²
- Also flat plug connector 2.8 x 0.8 DIN 46244
- Footplate for mounting
- Short circuit protection by miniature fuse 5 x 20 in the DC circuit
- PFC according to EN 61000-3-2
- Contact protection to VBG 4

Single-phase power supplies



SERIES FGSE

According to VDE 0570 / EN 61558 part 2 – 6 

- Ripple < 5 %
- Open mounting version
- Nominal current range 1 – 6 A
- Protective system IP 00
- Transformer according to VDE 0570 part 2 – 6, Class I construction
- Ambient temperature 60°C max.
- Screw terminals on primary side with self-lifting disk for wire cross sections up to 1.5 mm²
- Also flat plug connector 2.8 x 0.8 DIN 46244
- Footplate for mounting
- Short circuit protection by miniature fuse 5 x 20 in the DC circuit
- PFC according to EN 61000-3-2
- Contact protection to VBG 4
- Nominal output voltage 24 VDC according to 19240
- Off-load voltage < 30.2 VDC with 6 % line over voltage
- Full-load voltage > 20.4 VDC with 10 % line under voltage
- LED “on” indicator
- Duty cycle 100 %



Installation

- Wall mounted, terminals horizontal top and bottom
- Different mounting position will reduce power by about 20 %

| Technical data | | | | | |
|----------------------------|------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|---------------------|
| Nominal output current [A] | Part no. Input voltage 230 V ± 5 % | Transf. Primary current approx. [A] | Part no. Input voltage 400 V ± 5 % | Transf. Primary current approx. [A] | Weight approx. [kg] |
| 1.0 | 145-113 | 0.2 | 145-113.001 | 0.12 | 1.3 |
| 1.6 | 145-114 | 0.25 | 145-114.001 | 0.15 | 1.3 |
| 2.5 | 145-125 | 0.4 | 145-125.001 | 0.25 | 2.2 |
| 3.15 | 145-116 | 0.5 | 145-116.001 | 0.3 | 2.2 |
| 4.0 | 145-117 | 0.6 | 145-117.001 | 0.35 | 3.6 |
| 6.0 | 145-119 | 1.0 | 145-119.001 | 0.6 | 3.6 |

| Dimensions [mm] | | | | | | | |
|-----------------|----|-----|----|----|----|----|-----|
| a | b | c | e | e' | f | f' | g |
| 78 | 70 | 112 | 65 | 55 | 52 | 45 | 4.8 |
| 78 | 70 | 112 | 65 | 55 | 52 | 45 | 4.8 |
| 84 | 86 | 118 | 70 | 64 | 70 | 61 | 4.8 |
| 84 | 86 | 118 | 70 | 64 | 70 | 61 | 4.8 |
| 105 | 96 | 140 | 88 | 80 | 70 | 70 | 5.3 |
| 105 | 96 | 140 | 88 | 80 | 70 | 70 | 5.3 |

| Ordering data | | | |
|----------------------------|-----------------------------|-----------------------------|------------------------------------|
| Nominal output current [A] | Part no. 230 V ± 5 % 24 VDC | Part no. 400 V ± 5 % 24 VDC | Part no. 230 / 400 V ± 15 V 24 VDC |
| 1.0 | 145-113 | 145-113.001 | 145-113.010 |
| 1.6 | 145-114 | 145-114.001 | 145-114.010 |
| 2.5 | 145-125 | 145-125.001 | 145-125.010 |
| 3.15 | 145-116 | 145-116.001 | 145-116.010 |
| 4.0 | 145-117 | 145-117.001 | 145-117.010 |
| 6.0 | 145-119 | 145-119.001 | 145-119.010 |

Other voltages on request

Special feature at extra charge

- Snap fastening on rail DIN EN 50022 - 35 (not available for 145-117/145-117.001/145-119/145-119.001)
- Snap fastening for
145-113/114 X140100-00001
145-125/116 X140100-00002

