



SERIES W 60 to W 160, S 250 to S 650 (SFTE/STEBL)

According to VDE 0570 / EN 61558 part 2 – 13

- Shell-type transformer / EI configuration
- Performance range 1,5 – 17,5 A, Frequency 50 / 60 Hz
- Without galvanic isolation
- Protective system IP 00, mounting suitability to IP 20, Class I construction
- Insulation class T40 / B
- Footplate for mounting
- Contact protection to VBG 4

Series W 60 to W 160

- Screw terminals on primary side with self-lifting disk for wire cross sections up to 1,5 mm²
- Additional blade terminal 2,8 x 0,8 DIN 46244

Series S 250 bis S 650

- Vacuum-impregnated
- Bracket for wall mounting
- Transformer terminals



| Technical Data | | | | | |
|------------------|----------|-------------------------|-------------------------|-----------------------|---------------------|
| Load current [A] | Series W | No-load loss [approx.W] | Voltage drop [approx.%] | Efficiency [approx.%] | Weight [approx. kg] |
| 1,5 | W 60 | 6 | 7,0 | 83 | 1,4 |
| 2,0 | W 90 | 9 | 5,0 | 85 | 2,0 |
| 3,5 | W 125 | 12 | 4,5 | 87 | 2,8 |
| 4,2 | W 160 | 15 | 4,0 | 88 | 3,2 |

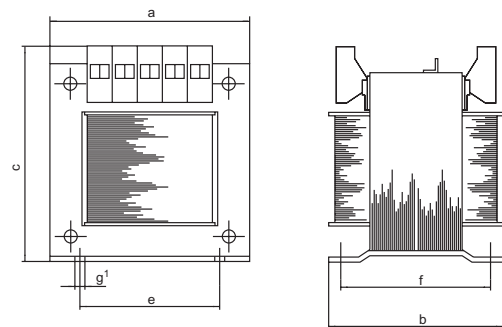
| Series S | | | | | |
|------------------|----------|-------------------------|-------------------------|-----------------------|---------------------|
| Load current [A] | Series S | No-load loss [approx.W] | Voltage drop [approx.%] | Efficiency [approx.%] | Weight [approx. kg] |
| 7,5 | S 250 | 22 | 3,0 | 90 | 5,2 |
| 10,5 | S 300 | 26 | 3,0 | 90 | 6,6 |
| 12,5 | S 450 | 30 | 3,0 | 91 | 7,8 |
| 15,0 | S 550 | 35 | 2,5 | 92 | 10,1 |
| 17,5 | S 650 | 45 | 2,5 | 92 | 13,6 |

| Ordering Data | | |
|------------------|--------------|---|
| Load current [A] | Part No. W/S | Primary stress 230 V Secondary stress 80/100/125/150/175/200/230 V |
| 1,5 | W 60- | 83.00 |
| 2,0 | W 90- | 83.00 |
| 3,5 | W 125- | 83.00 |
| 4,2 | W 160- | 83.00 |
| 7,5 | S 250- | 83.20 |
| 10,5 | S 300- | 83.20 |
| 12,5 | S 450- | 83.10 |
| 15,0 | S 550- | 83.10 |
| 17,5 | S 650- | 83.20 |

Other voltages on request

| Dimensions [mm] | | | | | |
|-----------------|----|-----|----|----|----------------|
| a | b | c | e | f | g ¹ |
| 84 | 71 | 87 | 64 | 47 | 4,8 |
| 84 | 86 | 87 | 64 | 61 | 4,8 |
| 105 | 86 | 100 | 80 | 62 | 5,8 |
| 105 | 96 | 100 | 80 | 70 | 5,8 |

| Series S | | | | | |
|----------|-----|-----|-----|-----|----------------|
| a | b | c | e | f | g ¹ |
| 120 | 104 | 120 | 90 | 85 | 5,8 |
| 135 | 108 | 135 | 104 | 87 | 5,8 |
| 150 | 112 | 150 | 122 | 90 | 5,8 |
| 150 | 135 | 150 | 122 | 106 | 7,0 |
| 150 | 160 | 150 | 122 | 134 | 7,0 |



| Special feature | |
|---|---------------|
| • Replaceable thermal fuse W 60 – W 160 | |
| • Snap fastening for DIN rail for W 60 and W 90 | |
| • Snap fastening | |
| W 60 | X140100-00001 |
| W 90 | X140100-00002 |