



SEALED TRANSFORMERS

FEATURES:

- VDE, CUL, UL, CE CQC APPROVED
 - Vacuum Sealed
 - Split Bobbin Design
 - Self-Extinguishing Plastics UL94V-0
 - Dielectric Strength: 4200Vrms
 - Operation Frequency: 50/60Hz
 - Inherently Energy Limited
 - Resin Class B IEC 85 (20000 h Testing to IEC 216)
 - Conforms to EN 61558 EN 60950/UL 1585 UL506
 - 100% Production Tested
- * To be noted: 2x18V and 2x24V models are not VDE approved, those transformers meet all requirement of EN 61558-2-4.

APPLICATIONS:

- Vending Machines
- Robotics
- Test & Measurement Instruments
- Parking Lot Gate Controls
- Small Power Supplies
- Smoke Detectors
- Carbon Monoxide Detectors
- Electric Power Meters
- When protection from elements is needed
- When space on the PCB is limited



KEY SPECIFICATIONS:

- Input voltage and frequency: 115/230V@50/60 Hz
- Secondary voltage: See "Electrical Table"
- Ambient temperature: 70° C max. allowed
- Insulation resistance:
 - 100M Ohm min.@500VDC PRI. to SEC.
- Hi-Pot:
 - 4200Vrms 1 minute@PRI. to SEC., when the primary input voltage is 230V
 - 2800Vrms 1 minute@PRI. to SEC., when the primary input voltage is 115V
- Approvals:
 - UL506, UL1585 class 2 and class 3, VDE, EN61558, EN60950
 - When the primary is 115V input, the transformers are not CQC approved

ORDERING INFORMATION:

| | | | | | |
|--------------------------|--------------|---|---|----|-----|
| | ST30 | 1 | S | 06 | 006 |
| Series | | | | | |
| ST30 | | | | | |
| Input Voltage | | | | | |
| 1 = 115V | | | | | |
| 2 = 230V | | | | | |
| Number of Outputs | | | | | |
| S = Single Output | | | | | |
| D = Double Outputs | | | | | |
| Secondary Voltage | | | | | |
| 06 = 6V | 15 = 15V | | | | |
| 09 = 9V | 18 = 18V | | | | |
| 12 = 12V | 24 = 24V | | | | |
| Rated Power | | | | | |
| 006 = 0.6VA | 020 = 2.0 VA | | | | |
| 010 = 1.0 VA | 023 = 2.3 VA | | | | |
| 012 = 1.2 VA | 024 = 2.4 VA | | | | |
| 015 = 1.5 VA | 027 = 2.7 VA | | | | |
| 017 = 1.7 VA | 028 = 2.8 VA | | | | |
| 018 = 1.8 VA | | | | | |



SEALED TRANSFORMERS

ELECTRICAL TABLES FOR ST30 SERIES

RATED POWER 0.6 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06006 | ST302S06006 | 6±15% | | 100 | 10.5 | T 70 B | 15.4 MAX |
| ST301S09006 | ST302S09006 | 9±15% | | 66 | 15.5 | T 70 B | 15.4 MAX |
| ST301S12006 | ST302S12006 | 12±15% | | 50 | 20.5 | T 70 B | 15.4 MAX |
| ST301S15006 | ST302S15006 | 15±15% | | 40 | 25.4 | T 70 B | 15.4 MAX |
| ST301S18006 | ST302S18006 | 18±15% | | 33 | 30.4 | T 70 B | 15.4 MAX |
| ST301S24006 | ST302S24006 | 24±15% | | 25 | 40.4 | T 70 B | 15.4 MAX |
| ST301D06006 | ST302D06006 | 6±15% | 6±15% | 2×50 | 2×10.5 | T 70 B | 15.4 MAX |
| ST301D09006 | ST302D09006 | 9±15% | 9±15% | 2×33 | 2×15.5 | T 70 B | 15.4 MAX |
| ST301D12006 | ST302D12006 | 12±15% | 12±15% | 2×25 | 2×20.5 | T 70 B | 15.4 MAX |
| ST301D15006 | ST302D15006 | 15±15% | 15±15% | 2×20 | 2×25.0 | T 70 B | 15.4 MAX |
| ST301D18006* | ST302D18006* | 18±15% | 18±15% | 2×17 | 2×30.4 | T 70 B | 15.4 MAX |
| ST301D24006* | ST302D24006* | 24±15% | 24±15% | 2×12 | 2×40.4 | T 70 B | 15.4 MAX |

RATED POWER 1.0 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06010 | ST302S06010 | 6±10% | | 166 | 9.94 | T 70 B | 22.3 MAX |
| ST301S09010 | ST302S09010 | 9±10% | | 111 | 14.95 | T 70 B | 22.3 MAX |
| ST301S12010 | ST302S12010 | 12±10% | | 83 | 19.9 | T 70 B | 22.3 MAX |
| ST301S15010 | ST302S15010 | 15±10% | | 66 | 24.9 | T 70 B | 22.3 MAX |
| ST301S18010 | ST302S18010 | 18±10% | | 55 | 29.9 | T 70 B | 22.3 MAX |
| ST301S24010 | ST302S24010 | 24±10% | | 41 | 39.8 | T 70 B | 22.3 MAX |
| ST301D06010 | ST302D06010 | 6±10% | 6±15% | 2×83 | 2×9.94 | T 70 B | 22.3 MAX |
| ST301D09010 | ST302D09010 | 9±10% | 9±15% | 2×56 | 2×14.95 | T 70 B | 22.3 MAX |
| ST301D12010 | ST302D12010 | 12±10% | 12±15% | 2×42 | 2×19.9 | T 70 B | 22.3 MAX |
| ST301D15010 | ST302D15010 | 15±10% | 15±15% | 2×33 | 2×24.9 | T 70 B | 22.3 MAX |
| ST301D18010 * | ST302D18010 * | 18±10% | 18±15% | 2×28 | 2×29.9 | T 70 B | 22.3 MAX |
| ST301D24010 * | ST302D24010 * | 24±10% | 24±15% | 2×21 | 2×39.8 | T 70 B | 22.3 MAX |



SEALED TRANSFORMERS

ELECTRICAL TABLES FOR ST30 SERIES CONT.

RATED POWER 1.2 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06012 | ST302S06012 | 6±10% | | 200 | 8.3 | T 50 B | 22.3 MAX |
| ST301S09012 | ST302S09012 | 9±10% | | 133 | 12.5 | T 50 B | 22.3 MAX |
| ST301S12012 | ST302S12012 | 12±10% | | 100 | 16.6 | T 50 B | 22.3 MAX |
| ST301S15012 | ST302S15012 | 15±10% | | 80 | 20.8 | T 50 B | 22.3 MAX |
| ST301S18012 | ST302S18012 | 18±10% | | 67 | 25.7 | T 50 B | 22.3 MAX |
| ST301S24012 | ST302S24012 | 24±10% | | 50 | 33.3 | T 50 B | 22.3 MAX |
| ST301D06012 | ST302D06012 | 6±10% | 6±15% | 2×100 | 2×8.3 | T 50 B | 22.3 MAX |
| ST301D09012 | ST302D09012 | 9±10% | 9±15% | 2×67 | 2×12.5 | T 50 B | 22.3 MAX |
| ST301D12012 | ST302D12012 | 12±10% | 12±15% | 2×50 | 2×16.6 | T 50 B | 22.3 MAX |
| ST301D15012 | ST302D15012 | 15±10% | 15±15% | 2×40 | 2×20.8 | T 50 B | 22.3 MAX |
| ST301D18012* | ST302D18012* | 18±10% | 18±15% | 2×33 | 2×25 | T 50 B | 22.3 MAX |
| ST301D24012* | ST302D24012* | 24±10% | 24±15% | 2×25 | 2×33.3 | T 50 B | 22.3 MAX |

RATED POWER 1.5 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06015 | ST302S06015 | 6±10% | | 250 | 9.7 | T 70 B | 24.4 MAX |
| ST301S09015 | ST302S09015 | 9±10% | | 167 | 14.5 | T 70 B | 24.4 MAX |
| ST301S12015 | ST302S12015 | 12±10% | | 125 | 19.3 | T 70 B | 24.4 MAX |
| ST301S15015 | ST302S15015 | 15±10% | | 100 | 24.2 | T 70 B | 24.4 MAX |
| ST301S18015 | ST302S18015 | 18±10% | | 83 | 29.8 | T 70 B | 24.4 MAX |
| ST301S24015 | ST302S24015 | 24±10% | | 63 | 38.6 | T 70 B | 24.4 MAX |
| ST301D06015 | ST302D06015 | 6±10% | 6±15% | 2×125 | 2×9.7 | T 70 B | 24.4 MAX |
| ST301D09015 | ST302D09015 | 9±10% | 9±15% | 2×83 | 2×15.3 | T 70 B | 24.4 MAX |
| ST301D12015 | ST302D12015 | 12±10% | 12±15% | 2×63 | 2×19.3 | T 70 B | 24.4 MAX |
| ST301D15015 | ST302D15015 | 15±10% | 15±15% | 2×50 | 2×24.2 | T 70 B | 24.4 MAX |
| ST301D18015* | ST302D18015* | 18±10% | 18±15% | 2×42 | 2×29 | T 70 B | 24.4 MAX |
| ST301D24015* | ST302D24015* | 24±10% | 24±15% | 2×31 | 2×38.6 | T 70 B | 24.4 MAX |



SEALED TRANSFORMERS

ELECTRICAL TABLES FOR ST30 SERIES CONT.

RATED POWER 1.7 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|--------------------------|--------|---------------------------|-----------------------------|--------------------------|---------------------|
| ST301S06017 | ST302S06017 | 6±10% | | 283 | 9.8 | T 50 B | 24.4 MAX |
| ST301S09017 | ST302S09017 | 9±10% | | 189 | 14.8 | T 50 B | 24.4 MAX |
| ST301S12017 | ST302S12017 | 12±10% | | 142 | 19.7 | T 50 B | 24.4 MAX |
| ST301S15017 | ST302S15017 | 15±10% | | 113 | 24.6 | T 50 B | 24.4 MAX |
| ST301S18017 | ST302S18017 | 18±10% | | 94 | 30.3 | T 50 B | 24.4 MAX |
| ST301S24017 | ST302S24017 | 24±10% | | 71 | 39.3 | T 50 B | 24.4 MAX |
| ST301D06017 | ST302D06017 | 6±10% | 6±15% | 2×142 | 2×9.8 | T 50 B | 24.4 MAX |
| ST301D09017 | ST302D09017 | 9±10% | 9±15% | 2×94 | 2×15.2 | T 50 B | 24.4 MAX |
| ST301D12017 | ST302D12017 | 12±10% | 12±15% | 2×71 | 2×19.7 | T 50 B | 24.4 MAX |
| ST301D15017 | ST302D15017 | 15±10% | 15±15% | 2×57 | 2×24.6 | T 50 B | 24.4 MAX |
| ST301D18017* | ST302D18017* | 18±10% | 18±15% | 2×47 | 2×29.5 | T 50 B | 24.4 MAX |
| ST301D24017* | ST302D24017* | 24±10% | 24±15% | 2×35 | 2×39.3 | T 50 B | 24.4 MAX |

RATED POWER 1.8 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|--------------------------|--------|---------------------------|-----------------------------|--------------------------|---------------------|
| ST301S06018 | ST302S06018 | 6±10% | | 300 | 9.8 | T 40 B | 24.4 MAX |
| ST301S09018 | ST302S09018 | 9±10% | | 200 | 14.8 | T 40 B | 24.4 MAX |
| ST301S12018 | ST302S12018 | 12±10% | | 150 | 19.7 | T 40 B | 24.4 MAX |
| ST301S15018 | ST302S15018 | 15±10% | | 120 | 24.6 | T 40 B | 24.4 MAX |
| ST301S18018 | ST302S18018 | 18±10% | | 100 | 30.3 | T 40 B | 24.4 MAX |
| ST301S24018 | ST302S24018 | 24±10% | | 75 | 39.3 | T 40 B | 24.4 MAX |
| ST301D06018 | ST302D06018 | 6±10% | 6±15% | 2×150 | 2×9.8 | T 40 B | 24.4 MAX |
| ST301D09018 | ST302D09018 | 9±10% | 9±15% | 2×100 | 2×15.2 | T 40 B | 24.4 MAX |
| ST301D12018 | ST302D12018 | 12±10% | 12±15% | 2×75 | 2×19.7 | T 40 B | 24.4 MAX |
| ST301D15018 | ST302D15018 | 15±10% | 15±15% | 2×60 | 2×24.6 | T 40 B | 24.4 MAX |
| ST301D18018* | ST302D18018* | 18±10% | 18±15% | 2×50 | 2×30.3 | T 40 B | 24.4 MAX |
| ST301D24018* | ST302D24018* | 24±10% | 24±15% | 2×37.5 | 2×39.3 | T 40 B | 24.4 MAX |



SEALED TRANSFORMERS

ELECTRICAL TABLES FOR ST30 SERIES CONT.

RATED POWER 2.0 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|--------------------------|--------|---------------------------|-----------------------------|--------------------------|---------------------|
| ST301S06020 | ST302S06020 | 6±10% | | 333 | 10.4 | T 70 B | 27.4 MAX |
| ST301S09020 | ST302S09020 | 9±10% | | 222 | 15.5 | T 70 B | 27.4 MAX |
| ST301S12020 | ST302S12020 | 12±10% | | 167 | 20.7 | T 70 B | 27.4 MAX |
| ST301S15020 | ST302S15020 | 15±10% | | 133 | 25.8 | T 70 B | 27.4 MAX |
| ST301S18020 | ST302S18020 | 18±10% | | 111 | 30.8 | T 70 B | 27.4 MAX |
| ST301S24020 | ST302S24020 | 24±10% | | 83 | 41.4 | T 70 B | 27.4 MAX |
| ST301D06020 | ST302D06020 | 6±10% | 6±15% | 2×167 | 2×10.4 | T 70 B | 27.4 MAX |
| ST301D09020 | ST302D09020 | 9±10% | 9±15% | 2×111 | 2×15.4 | T 70 B | 27.4 MAX |
| ST301D12020 | ST302D12020 | 12±10% | 12±15% | 2×83 | 2×20.7 | T 70 B | 27.4 MAX |
| ST301D15020 | ST302D15020 | 15±10% | 15±15% | 2×67 | 2×25.0 | T 70 B | 27.4 MAX |
| ST301D18020* | ST302D18020* | 18±10% | 18±15% | 2×56 | 2×30.8 | T 70 B | 27.4 MAX |
| ST301D24020* | ST302D24020* | 24±10% | 24±15% | 2×42 | 2×41.4 | T 70 B | 27.4 MAX |

RATED POWER 2.3 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|--------------------------|--------|---------------------------|-----------------------------|--------------------------|---------------------|
| ST301S06023 | ST302S06023 | 6±10% | | 383 | 10.5 | T 70 B | 29.8 MAX |
| ST301S09023 | ST302S09023 | 9±10% | | 256 | 15.7 | T 70 B | 29.8 MAX |
| ST301S12023 | ST302S12023 | 12±10% | | 192 | 21 | T 70 B | 29.8 MAX |
| ST301S15023 | ST302S15023 | 15±10% | | 153 | 25.9 | T 70 B | 29.8 MAX |
| ST301S18023 | ST302S18023 | 18±10% | | 128 | 31.4 | T 70 B | 29.8 MAX |
| ST301S24023 | ST302S24023 | 24±10% | | 96 | 41.9 | T 70 B | 29.8 MAX |
| ST301D06023 | ST302D06023 | 6±10% | 6±15% | 2×192 | 2×10.5 | T 70 B | 29.8 MAX |
| ST301D09023 | ST302D09023 | 9±10% | 9±15% | 2×128 | 2×15.7 | T 70 B | 29.8 MAX |
| ST301D12023 | ST302D12023 | 12±10% | 12±15% | 2×96 | 2×21 | T 70 B | 29.8 MAX |
| ST301D15023 | ST302D15023 | 15±10% | 15±15% | 2×77 | 2×25.9 | T 70 B | 29.8 MAX |
| ST301D18023* | ST302D18023* | 18±10% | 18±15% | 2×64 | 2×31.4 | T 70 B | 29.8 MAX |
| ST301D24023* | ST302D24023* | 24±10% | 24±15% | 2×48 | 2×41.9 | T 70 B | 29.8 MAX |



SEALED TRANSFORMERS

ELECTRICAL TABLES FOR ST30 SERIES CONT.

RATED POWER 2.4 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06024 | ST302S06024 | 6±10% | | 400 | 10.5 | T 50 B | 27.4 MAX |
| ST301S09024 | ST302S09024 | 9±10% | | 267 | 15.5 | T 50 B | 27.4 MAX |
| ST301S12024 | ST302S12024 | 12±10% | | 200 | 21 | T 50 B | 27.4 MAX |
| ST301S15024 | ST302S15024 | 15±10% | | 160 | 25.3 | T 50 B | 27.4 MAX |
| ST301S18024 | ST302S18024 | 18±10% | | 133 | 31 | T 50 B | 27.4 MAX |
| ST301S24024 | ST302S24024 | 24±10% | | 100 | 42 | T 50 B | 27.4 MAX |
| ST301D06024 | ST302D06024 | 6±10% | 6±15% | 2×200 | 2×10.5 | T 50 B | 27.4 MAX |
| ST301D09024 | ST302D09024 | 9±10% | 9±15% | 2×133 | 2×15.5 | T 50 B | 27.4 MAX |
| ST301D12024 | ST302D12024 | 12±10% | 12±15% | 2×100 | 2×21 | T 50 B | 27.4 MAX |
| ST301D15024 | ST302D15024 | 15±10% | 15±15% | 2×80 | 2×25.3 | T 50 B | 27.4 MAX |
| ST301D18024* | ST302D18024* | 18±10% | 18±15% | 2×67 | 2×21 | T 50 B | 27.4 MAX |
| ST301D24024* | ST302D24024* | 24±10% | 24±15% | 2×50 | 2×42 | T 50 B | 27.4 MAX |

RATED POWER 2.7 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|-----------------------|--------|------------------------|--------------------------|--------------------|------------------|
| ST301S06027 | ST302S06027 | 6±10% | | 450 | 10.5 | T 50 B | 29.8 MAX |
| ST301S09027 | ST302S09027 | 9±10% | | 300 | 15.4 | T 50 B | 29.8 MAX |
| ST301S12027 | ST302S12027 | 12±10% | | 225 | 21.1 | T 50 B | 29.8 MAX |
| ST301S15027 | ST302S15027 | 15±10% | | 180 | 26.3 | T 50 B | 29.8 MAX |
| ST301S18027 | ST302S18027 | 18±10% | | 150 | 30.9 | T 50 B | 29.8 MAX |
| ST301S24027 | ST302S24027 | 24±10% | | 113 | 42 | T 50 B | 29.8 MAX |
| ST301D06027 | ST302D06027 | 6±10% | 6±15% | 2×225 | 2X10.5 | T 50 B | 29.8 MAX |
| ST301D09027 | ST302D09027 | 9±10% | 9±15% | 2×150 | 2X15.4 | T 50 B | 29.8 MAX |
| ST301D12027 | ST302D12027 | 12±10% | 12±15% | 2×113 | 2X21.1 | T 50 B | 29.8 MAX |
| ST301D15027 | ST302D15027 | 15±10% | 15±15% | 2×90 | 2X25 | T 50 B | 29.8 MAX |
| ST301D18027* | ST302D18027* | 18±10% | 18±15% | 2×75 | 2X31.5 | T 50 B | 29.8 MAX |
| ST301D24027* | ST302D24027* | 24±10% | 24±15% | 2×56 | 2X42.1 | T 50 B | 29.8 MAX |



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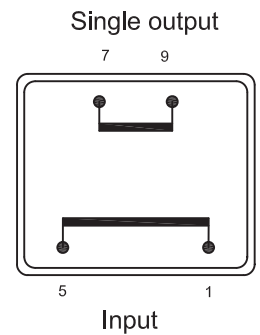
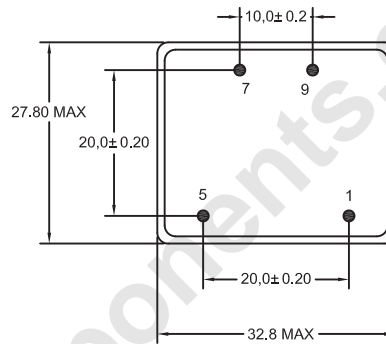
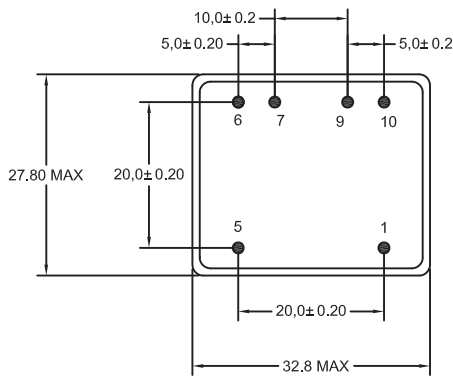
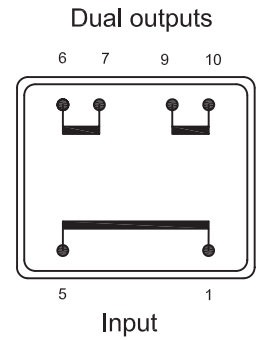
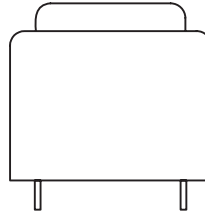
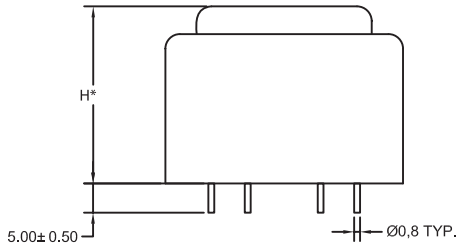
ELECTRICAL TABLES FOR ST30 SERIES CONT.

RATED POWER 2.8 VA

| Part No. (Input: 115V) | Part No. (Input: 230V) | Secondary Voltage (V) | | Secondary Current (mA) | No-load Voltage (V)(max) | Ambient Temp. (°C) | Dimension H (mm) |
|---------------------------|---------------------------|--------------------------|--------|---------------------------|-----------------------------|--------------------------|---------------------|
| ST301S06028 | ST302S06028 | 6±10% | | 467 | 10.5 | T 40 B | 29.8 MAX |
| ST301S09028 | ST302S09028 | 9±10% | | 311 | 15.4 | T 40 B | 29.8 MAX |
| ST301S12028 | ST302S12028 | 12±10% | | 233 | 21.1 | T 40 B | 29.8 MAX |
| ST301S15028 | ST302S15028 | 15±10% | | 187 | 26.3 | T 40 B | 29.8 MAX |
| ST301S18028 | ST302S18028 | 18±10% | | 156 | 30.9 | T 40 B | 29.8 MAX |
| ST301S24028 | ST302S24028 | 24±10% | | 117 | 42.1 | T 40 B | 29.8 MAX |
| ST301D06028 | ST302D06028 | 6±10% | 6±15% | 2x233 | 2X10.5 | T 40 B | 29.8 MAX |
| ST301D09028 | ST302D09028 | 9±10% | 9±15% | 2x156 | 2X15.4 | T 40 B | 29.8 MAX |
| ST301D12028 | ST302D12028 | 12±10% | 12±15% | 2x117 | 2X21.1 | T 40 B | 29.8 MAX |
| ST301D15028 | ST302D15028 | 15±10% | 15±15% | 2x93 | 2X25 | T 40 B | 29.8 MAX |
| ST301D18028* | ST302D18028* | 18±10% | 18±15% | 2x70 | 2X31.5 | T 40 B | 29.8 MAX |
| ST301D24028* | ST302D24028* | 24±10% | 24±15% | 2x58 | 2X42.1 | T 40 B | 29.8 MAX |

* To be noted: * marked transformers are not VDE approved. Those transformers meet all requirements of EN61558-2-4

ST30 SERIES MECHANICAL SPECIFICATIONS:

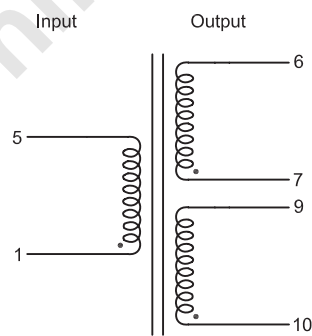


Dual outputs

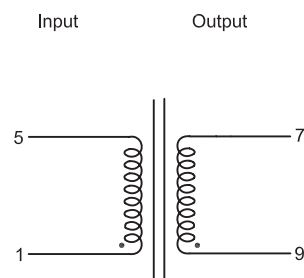
Single output

*H: Please reference electrical table for heights

ST30 SERIES SCHEMATIC DIAGRAM:



Dual outputs



Single output