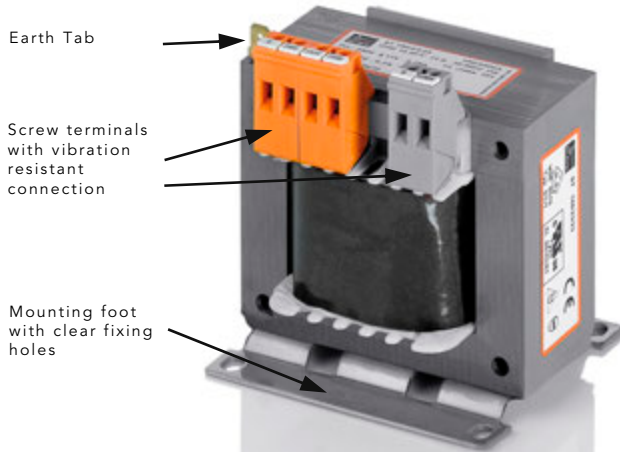


TRANSFORMERS

TECHNICAL INFORMATION



ST SERIES TRANSFORMERS

Control & Safety Isolating Transformer Series benefits:

Transformer with low inrush current. Primary Side +5% tappings for voltage adjustment. Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation.

Applications:

1. Control transformer for electrical isolation of the input and output connections.
2. Safety Isolating Transformer for the safe electrical isolation of the input and output connections.

ST TRANSFORMERS - 230VAC/24VAC



ST20/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	20VA
ST63/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	63VA
ST100/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	100VA
ST160/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	160VA
ST250/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	250VA
ST320/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	320VA
ST400/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	400VA
ST500/23/24	Control/Isolating Transformer	230VAC Input	24VAC Output	500VA

ST TRANSFORMERS - 230VAC/12VAC

ST20/23/12	Control/Isolating Transformer	230VAC Input	12VAC Output	20VA
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ST TRANSFORMERS - 400VAC/24VAC

ST20/4/24	Control/Isolating Transformer	400VAC Input	24VAC Output	20VA
ST63/4/24	Control/Isolating Transformer	400VAC Input	24VAC Output	63VA

TRANSFORMERS

ST TRANSFORMERS - 400VAC/230VAC



ST63/4/23	Control/Isolating Transformer	400VAC Input	230VAC Output	63VA
ST100/4/23	Control/Isolating Transformer	400VAC Input	230VAC Output	100VA
ST160/4/23	Control/Isolating Transformer	400VAC Input	230VAC Output	160VA
ST160/44/23	Control/Isolating Transformer	440VAC Input	230VAC Output	160VA
ST250/4/23	Control/Isolating Transformer	400VAC Input	230VAC Output	250VA
ST320/4/23	Control/Isolating Transformer	400VAC Input	230VAC Output	320VA

ST TRANSFORMERS - 110VAC/24VAC

ST63/11/24	Control/Isolating Transformer	110VAC Input	24VAC Output	63VA
ST100/11/24	Control/Isolating Transformer	110VAC Input	24VAC Output	100VA

DIN RAIL MOUNTING BASE FOR ST TRANSFORMERS



UB66/23	DIN Rail Mounting Base for Block ST20/23/24
UB78/27.5	DIN Rail Mounting Base for Block ST63/23/24
UB84/43.5	DIN Rail Mounting Base for Block ST100/23/24
UB96/45.7	DIN Rail Mounting Base for Block ST160/23/25
UB96/59.7	DIN Rail Mounting Base for Block ST250/23/24

Rigid Aluminium Profile with Integrated Steel Spring for easy mounting of ST Transformers

STE TRANSFORMERS - 230VAC/24VAC & 400VAC/230VAC



STE100/23/24	Transformer, Input 230VAC, Output 24VAC, DIN Mounting, 100VA
STE630/4/23	Transformer, Input 400VAC, Output 230VAC, 630VA
STE1000/4/23	Transformer, Input 400VAC, Output 230VAC, 1000VA

STEUX TRANSFORMERS - 400/230VAC - 230VAC & 24VAC

STEUX100/23/24 Input 400&230VAC, Output 230VAC and 24VAC, DIN Mounting, 100VA



VCM TRANSFORMERS

TECHNICAL INFORMATION

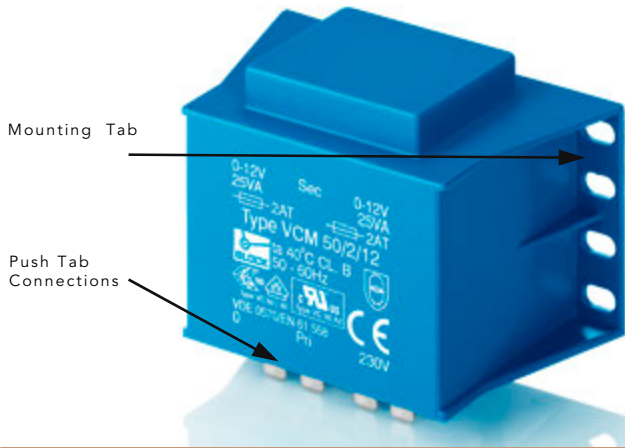
VCM SERIES TRANSFORMERS

Control & Safety Isolating Transformer Series benefits:

Permanent corrosion protection, high insulation value and maximum electrical reliability due to XtraDensiFill resin encapsulation with self-extinguishing potting material. Mounting with tabs on the housing. Push on tab type connections with double output voltage for series or parallel connection. Very Compact Design.

Applications:

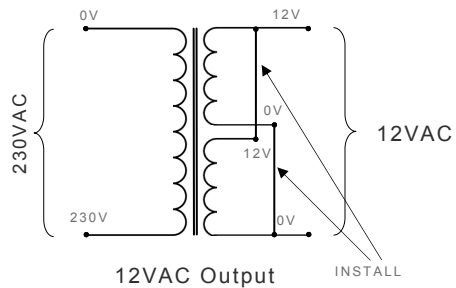
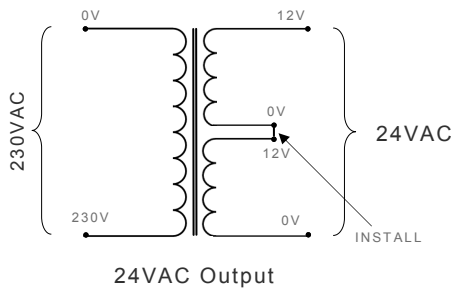
Control Transformer for electrical isolation of the input and output connections. Safety Isolating Transformer for the safe electrical isolation of the input and output connections.



VCM TRANSFORMERS - 230VAC-2X12/24VAC

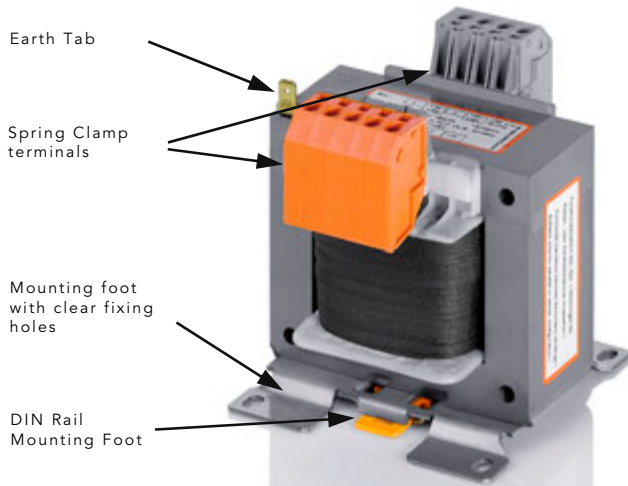
VCM25/2/12	Control/Isolating Transformer	230VAC Input	2x12/24VAC	25VA
VCM50/2/12	Control/Isolating Transformer	230VAC Input	2x12/24VAC	50VA

VCM TRANSFORMER CONNECTION GUIDE



STEU TRANSFORMERS

TECHNICAL INFORMATION



STEU SERIES TRANSFORMERS

Control & Safety Isolating Transformer Series benefits:

Dual Input Voltages of 230 or 400VAC. Transformer with low inrush current. Primary Side +15V tappings for voltage adjustment. Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation. Spring Clamp Terminals and integrated Din Rail Mounting Foot for sizes up to 250VA.

Applications:

Control Transformer & Safety Isolating Transformers for the safe electrical isolation of the input and output connections.

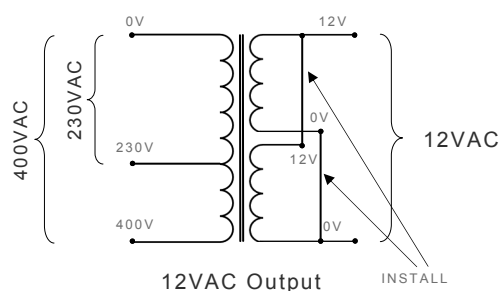
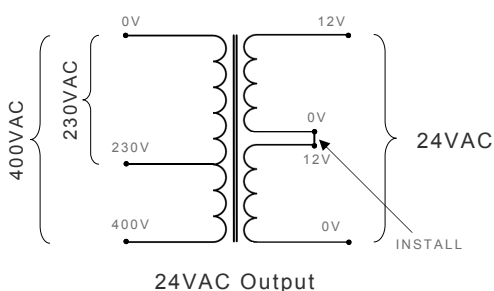
STEU TRANSFORMERS - 400/230VAC-2X12/24VAC



STEU20/24*	Control/Isolating Transformer	400/230VAC	2x12/24VAC	20VA
STEU63/24*	Control/Isolating Transformer	400/230VAC	2x12/24VAC	63VA
STEU100/24*	Control/Isolating Transformer	400/230VAC	2x12/24VAC	100VA
STEU160/24*	Control/Isolating Transformer	400/230VAC	2x12/24VAC	160VA
STEU250/24*	Control/Isolating Transformer	400/230VAC	2x12/24VAC	250VA
STEU320/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	320VA
STEU400/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	400VA
STEU500/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	500VA
STEU630/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	630VA
STEU800/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	800VA
STEU1000/24	Control/Isolating Transformer	400/230VAC	2x12/24VAC	1000VA

*Transformer supplied with integrated DIN Rail Mounting Foot

STEU TRANSFORMER CONNECTION GUIDE



Voltage adjustment possible:

To lower output voltage connect the supply to +15V and 230V (or 400V) and to raise the output voltage connect the supply to -15V and 230V (or 400V).

STEU TRANSFORMERS

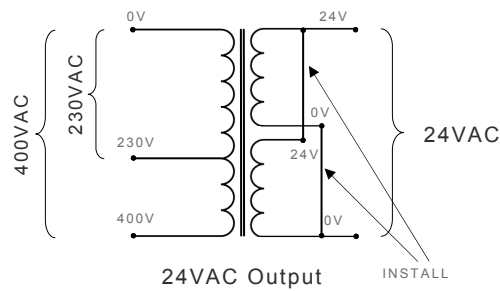
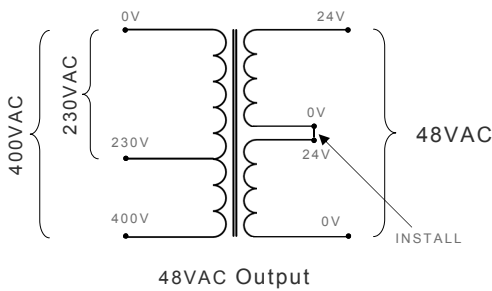
STEU TRANSFORMERS - 400/230VAC-2X24/48VAC



STEU100/48*	Control/Isolating Transformer	400/230VAC	2x24/48VAC	100VA
STEU160/48*	Control/Isolating Transformer	400/230VAC	2x24/48VAC	160VA
STEU250/48*	Control/Isolating Transformer	400/230VAC	2x24/48VAC	250VA
STEU320/48	Control/Isolating Transformer	400/230VAC	2x24/48VAC	320VA
STEU800/48	Control/Isolating Transformer	400/230VAC	2x24/48VAC	800VA
STEU1000/48	Control/Isolating Transformer	400/230VAC	2x24/48VAC	1000VA
STEU1600/48	Control/Isolating Transformer	400/230VAC	2x24/48VAC	1600VA

*Transformer supplied with integrated DIN Rail Mounting Foot

STEU TRANSFORMER CONNECTION GUIDE



Voltage adjustment possible:

To lower output voltage connect the supply to +15V and 230V (or 400V) and to raise the output voltage connect the supply to -15V and 230V (or 400V).

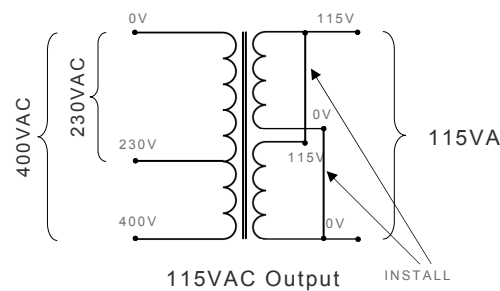
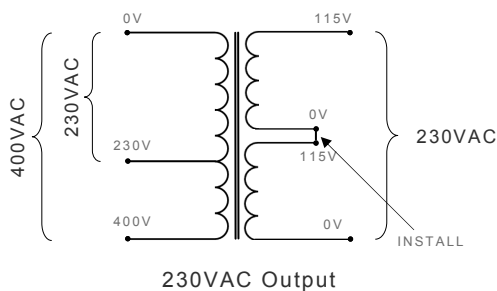
STEU TRANSFORMERS - 400/230VAC-2X115/230VAC



STEU20/23*	Control/Isolating Transformer	400/230VAC	2x115/230VAC	20VA
STEU63/23*	Control/Isolating Transformer	400/230VAC	2x115/230VAC	63VA
STEU100/23*	Control/Isolating Transformer	400/230VAC	2x115/230VAC	100VA
STEU160/23*	Control/Isolating Transformer	400/230VAC	2x115/230VAC	160VA
STEU250/23*	Control/Isolating Transformer	400/230VAC	2x115/230VAC	250VA
STEU320/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	320VA
STEU400/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	400VA
STEU500/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	500VA
STEU630/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	630VA
STEU800/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	800VA
STEU1000/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	1000VA
STEU1600/23	Control/Isolating Transformer	400/230VAC	2x115/230VAC	1600VA

*Transformer supplied with integrated DIN Rail Mounting Foot

STEU TRANSFORMER CONNECTION GUIDE

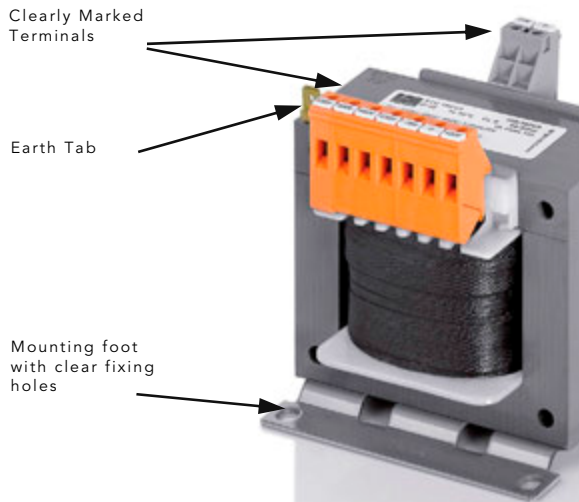


Voltage adjustment possible:

To lower output voltage connect the supply to +15V and 230V (or 400V) and to raise the output voltage connect the supply to -15V and 230V (or 400V).

STU & USTE TRANSFORMERS

TECHNICAL INFORMATION



STU & USTE SERIES TRANSFORMERS

Control & Safety Isolating Transformer Series benefits:

Multi Tap Input Voltages of 210 to 540VAC for STU and 208 to 600VAC for USTE range. Transformers with low inrush current. Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation. STU Transformers have clearly Marked Screw Terminals. USTE Transformers have Spring Clamp Terminals and Connection Guide on the side of the Transformer. Easy to access oval Mounting Holes for quick and simple fixing.

Control & Safety Isolating Transformer for the safe electrical isolation of the input and output connections.

STU TRANSFORMERS - 210-540VAC INPUT



STU63/2X115	Transformer	210-540VAC	2x115/230VAC Output	63VA
STU100/24	Transformer	210-540VAC	24VAC Output	100VA
STU100/2X115	Transformer	210-540VAC	2x115/230VAC Output	100VA
STU160/24	Transformer	210-540VAC	24VAC Output	160VA
STU250/24	Transformer	210-540VAC	24VAC Output	250VA
STU250/2X115	Transformer	210-540VAC	2x115/230VAC Output	250VA
STU400/2X115	Transformer	210-540VAC	2x115/230VAC Output	400VA
STU500/2X115	Transformer	210-540VAC	2x115/230VAC Output	500VA
STU2000/2X115	Transformer	210-540VAC	2x115/230VAC Output	2000VA

USTE TRANSFORMERS - 208-600VAC INPUT



USTE100/2x12	Transformer	208-600VAC	2x12/24VAC Output	100VA
USTE100/2x115	Transformer	208-600VAC	2x115/230VAC Output	100VA
USTE250/2x12	Transformer	208-600VAC	2x12/24VAC Output	250VA
USTE250/2x115	Transformer	208-600VAC	2x115/230VAC Output	250VA
USTE400/2x115	Transformer	208-600VAC	2x115/230VAC Output	400VA
USTE1000/2x115	Transformer	208-600VAC	2x115/230VAC Output	1000VA
USTE2500/2x115	Transformer	208-600VAC	2x115/230VAC Output	2500VA
USTE3200/2x115	Transformer	208-600VAC	2x115/230VAC Output	3200VA

TT & AT3 TRANSFORMERS

TT1 TRANSFORMERS - SINGLE PHASE



TT1 1-23-24	Control/Isolating Transformer	Input 230VAC	Out 24VAC	1kVA
TT1 1-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	1kVA
TT1 2,5-23-24	Control/Isolating Transformer	Input 230VAC	Out 24VAC	2.5kVA
TT1 2,5-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	2.5kVA
TT1 5-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	5kVA
TT1 10-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	10kVA
TT1 20-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	20kVA
TT1 25-4-23	Control/Isolating Transformer	Input 400VAC	Out 2x115VAC	25kVA

TT3 TRANSFORMERS - THREE PHASE



TT3-A010-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	10kVA
TT3-A020-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	20kVA
TT3-A025-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	25kVA
TT3-A030-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	30kVA
TT3-A040-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	40kVA
TT3-A050-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	50kVA
TT3-A063-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	63kVA
TT3-A080-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	80kVA
TT3-A100-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	100kVA
TT3-A125-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	125kVA
TT3-A160-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	160kVA
TT3-A200-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	200kVA
TT3-A250-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	250kVA
TT3-A315-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	315kVA
TT3-A400-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	400kVA
TT3-A500-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	500kVA
TT3-A630-4040-0	Control/Isolating Transformer	Input 400VAC	Output 400VAC	630kVA

AT3 AUTOTRANSFORMERS - THREE PHASE



AT3-10-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	10kVA
AT3-25-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	25kVA
AT3-45-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	45kVA
AT3-70-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	70kVA
AT3-110-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	110kVA
AT3-160-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	160kVA
AT3-250-38/42-4	Autotransformer	Input 3x380/400VAC	Output 3x400VAC	250kVA