

TDGC₂/TSGC₂ Variable Transformer / Contact Voltage Regulator 1Phase / 3Phase

► Features

The product is special manual transformer which is connected in different forms. Its output voltage can be regulated smoothly and continuously from zero to the maximum voltage. The provision of an indicating meter is made for all models.

► Applications

All models find popular application in industries, agriculture and scientific researches, and are particularly suited to serve as ancillary facilities for such equipment as various machine tools, transistor curve tracers, projecting TV sets, and instruments in petroleum industry, etc.

► Main Technical Datas

Model	Phase	Frequency	Input Voltage(V)	Output Voltage(V)	Max. Output Current(A)
TDGC ₂ -500VA	1	50/60Hz	220V	0~250V	2
TDGC ₂ -1000VA					4
TDGC ₂ -2000VA					8
TDGC ₂ -3000VA					12
TDGC ₂ -5000VA					20
TDGC ₂ -7000VA					28
TDGC ₂ -10000VA					40
TDGC ₂ -15000VA					60
TDGC ₂ -20000VA					80
TDGC ₂ -30000VA					120
TDGC ₂ J-40000VA					160
TDGC ₂ J-50000VA					200
TSGC ₂ -3000VA	3	50/60Hz	380V	0~430V	4
TSGC ₂ -6000VA					8
TSGC ₂ -9000VA					12
TSGC ₂ -15000VA					20
TSGC ₂ -20000VA					26
TSGC ₂ -30000VA					40
TSGC ₂ J-40000VA					53
TSGC ₂ J-50000VA					67
TSGC ₂ J-60000VA					80
TSGC ₂ J-80000VA					106
TSGC ₂ J-100000VA					133

► Craft Images



TDGC₂/TSGC₂ Variable Transformer / Contact Voltage Regulator 1Phase /3Phase

► Order Specifications



500VA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	> 95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	40×37×37
Relative humidity	< 95%	Qty per pkg(unit)	8



1000VA/2000VA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	> 95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	49×45×26
Relative humidity	< 95%	Qty per pkg(unit)	4



3000VA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	> 95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	51×29×28
Relative humidity	< 95%	Qty per pkg(unit)	2



5000VA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	> 95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	30×27×27
Relative humidity	< 95%	Qty per pkg(unit)	1



7000VA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	> 95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	30×27×27
Relative humidity	< 95%	Qty per pkg(unit)	1

TDGC₂/TSGC₂ Variable Transformer / Contact Voltage Regulator 1Phase / 3Phase



10KVA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	40×31×50
Relative humidity	< 95%	Qty per pkg(unit)	1



15KVA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	37×31×64
Relative humidity	< 95%	Qty per pkg(unit)	1



20KVA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	37×31×64
Relative humidity	< 95%	Qty per pkg(unit)	1



30KVA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	39×31×118
Relative humidity	< 95%	Qty per pkg(unit)	1



40KVA/50KVA

Input voltage	220V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~250V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	hexagon
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	40×42×115
Relative humidity	< 95%	Qty per pkg(unit)	1

TDGC₂/TSGC₂ Variable Transformer / Contact Voltage Regulator 1Phase /3Phase



3KVA

Input voltage	380V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~430V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	24×32×49
Relative humidity	< 95%	Qty per pkg(unit)	1



6KVA/9KVA

Input voltage	380V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~430V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	31×26×53(6KVA)
Relative humidity	< 95%	Qty per pkg(unit)	1 34×29×55(9KVA)



15KVA/20KVA

Input voltage	380V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~430V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	quadrangle
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	39×31×65
Relative humidity	< 95%	Qty per pkg(unit)	1



30KVA

Input voltage	380V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~430V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	hexagon
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	39×31×118
Relative humidity	< 95%	Qty per pkg(unit)	1



40KVA/50KVA/60KVA/80KVA/100KVA

Input voltage	380V	Ambient temperature	-10℃ ~ +40℃
Output voltage	0~430V	Efficiency	>95%
Frequency	50Hz/60Hz	shape	hexagon
Dielectric strength	≥2MΩ	Package size W × D × H(cm)	42×42×115(40~60KVA) 60×60×125(80KVA) 70×70×135(100KVA)
Relative humidity	< 95%	Qty per pkg(unit)	1