

SIDOOR Transformer UL power supply for SIDOOR controller, input voltage 220-240 VAC (+/- 10%) 50/60 Hz, output voltage 16,5-18 Vr.m.s. full-wave rectified, IP54, incl. power line with a length of 2m, incl. connecting line with a length of 1,5m.



General information	
Product type designation	TRANSFORMER
Installation type/mounting	
Mounting type	Hexagon head bolt M6, L > 70 mm
Supply voltage	
permissible range, lower limit (AC)	220 V
permissible range, upper limit (AC)	240 V
relative symmetrical tolerance of the supply voltage	10 %
Line frequency	
• permissible range, lower limit	50 Hz
• permissible range, upper limit	60 Hz
Mains filter	
• integrated	Yes
Input current	
Current consumption, max.	1.6 A
Operational current of fuse protection at input, min.	6 A
Operational current of fuse protection at input, max.	10 A
Tripping characteristic class of fuse protection at input	D6, C10
Output voltage	
RMS value (pulsating DC voltage at full load)	17.3 V; at 230 V AC
RMS value (pulsating DC voltage at full load), min.	16.5 V
RMS value (pulsating DC voltage at full load), max.	18 V
RMS value (pulsating DC voltage at 0.7 mA peak current), max.	27 V; At 264 V AC
Power	
Emitted active power, max.	115 W; Average value above 10 s
Isolation	
Overvoltage category	2
Degree of pollution	2
Degree and class of protection	
IP degree of protection	IP54
Standards, approvals, certificates	
CE mark	Yes
EAC (formerly Gost-R)	Yes
RoHS conformity	Yes
China RoHS compliance	Yes
Standard for EMC	EN 12015 / EN 12016 / EN 61000-6-2 / EN 61000-6-3 / EN 61000-3-2 / EN 61000-3-3
Standard for safety	UL 61010-1, CSA C22.2 No. 61010-1-12, Low Voltage Directive (LVD) 2014/35/EU

Ambient conditions

Ambient temperature during operation	
• min.	-20 °C
• max.	55 °C
• Remark	No direct exposure to the sun

Ambient temperature during storage/transportation	
• Storage, min.	-20 °C
• Storage, max.	70 °C
• Transportation, min.	-40 °C
• Transportation, max.	70 °C

Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m

Relative humidity	
• No condensation, min.	10 %
• No condensation, max.	93 %

Cables	
Cable length	
• Input side	2 m
• Output side	1.5 m

Connection method	
Design of electrical connection at input	equipped with ferrules
Design of electrical connection at output	WAGO 721-103/026

Dimensions	
Width	145 mm
Height	65 mm
Depth	126 mm

Classifications			
		Version	Classification
	eClass	14	27-24-40-05
	eClass	12	27-24-40-05
	eClass	9.1	27-24-40-05
	eClass	9	27-24-40-05
	eClass	8	27-37-08-04
	eClass	7.1	27-37-08-04
	eClass	6	27-37-08-04
	ETIM	10	EC002986
	ETIM	9	EC002986
	ETIM	8	EC002986
	ETIM	7	EC002986
	IDEA	4	4776
	UNSPSC	15	39-12-15-52

Approvals / Certificates

General Product Approval	EMV
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[Declaration of Conformity](#)



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[China RoHS](#)



other

[Confirmation](#)

