



# voltage transformer - 230..400 V -2 x 115 V - 40 VA

ABT7PDU004G

- ! Discontinued on: 5 Apr 2023
- ! To be end-of-service on: 1 June 2025



#### Main

Range Of Product	Modicon Transformer Universal			
Product Or Component Type Safety and isolation transformer				
Rated Power In Va	40 VA			
Input Voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2			
Output Voltage	115/230 V AC			
Secondary Winding	Double			
Protective Cover	With			
Ambient Air Temperature For Operation	-2060 °C			

### Complementary

Input Voltage Limits	360440 V 207253 V	
Network Frequency Limits	4763 Hz	
Input Voltage Tolerance	+/- 15 V	
Efficiency	81 %	
Power Dissipation In W	9.4 W	
Voltage Variation At Nominal Load	5.47 % at 230 V 5.73 % at 400 V	
Output Sustained Overvoltage	0,042 (no load, hot state)	
Maximum Voltage Drop At Rated Load	6.16 %	
No Load Losses	5.93 W	
Short-Circuit Voltage	0,087	
Output Protection Type	Against overload, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection Against overvoltage, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection Against short-circuits, protection technology: with additional protection fuses or circuit-breakers in Selection of Protection	
Connections - Terminals	For input connection: screw type terminals, connection capacity: 5 x 4 mm² AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 4 mm² AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm² AWG 11	
	CE	

Fixing Mode	By 4 screws diameter: 5.5 mm on vertical panel, operating position: horizontal By 4 screws diameter: 5.5 mm on vertical panel, operating position: vertical By clips on 35 x 15 mm symmetrical DIN rail By 4 screws diameter: 5.5 mm on horizontal panel with derating to 90 %
Output Coupling	Series by internal jumper Parallel Grounding of secondary
Operating Altitude	3000 m
Electrical Insulation Class	Class B
Status Led 1 LED (orange) input voltage	
Width 87.0 mm	
Height	108.0 mm
Depth	103.0 mm
Net Weight	1.44 kg

# **Environment**

Product Certifications	EAC UR DNV-GL	
Standards	UL 506	
Ip Degree Of Protection	IP20	
Environmental Characteristic	EMC conforming to EN 62041 Safety conforming to EN 61558-1 Safety conforming to EN 61558-2-4	
Ambient Air Temperature For Storage	-4080 °C	
Relative Humidity	095 % during operation	
Overvoltage Category	Class I conforming to VDE 0106-1	
Dielectric Strength	3200 V between input and ground 3200 V between output and ground 5100 V between input and output	

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.800 cm
Package 1 Width	18.800 cm
Package 1 Length	11.600 cm
Package 1 Weight	1.739 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	30
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	65.170 kg

# **Contractual warranty**

Warranty 18 months



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Transparency RoHS/REACh

## Well-being performance

<b>②</b>	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

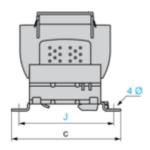
#### **Certifications & Standards**

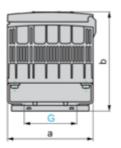
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
<b>Environmental Disclosure</b>	Product Environmental Profile				
Circularity Profile	No need of specific recycling operations  Circularity Profile				

# ABT7PDU004G

# **Dimensions Drawings**

## **Dimensions**





#### Dimensions in mm

а	b	С	G	J	Ø
87	103	108	60	96	5.5

#### Dimensions in in.

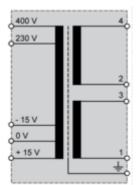
а	b	С	G	J	Ø
3.42	4.05	4.25	2.36	3.78	0.22

# **Product datasheet**

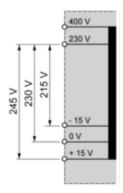
# ABT7PDU004G

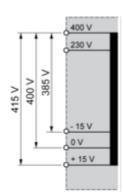
Connections and Schema

## Internal Scheme

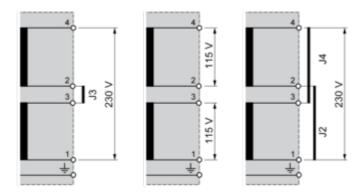


#### **Primary Voltage Wiring**





## Secondary Voltage Wiring



J2, J3, J4 Internal Jumper