

AC current supply for laboratories BR



General Data

Rated input voltage 230 Vac
Rated output voltage 0 - 250 Vac
Rated power 350 - 2200 VA
Insulation class E
Maximum ambient temperature 40 °C
Efficiency up to 93 %
Internal resistance 1.80 - 4.96 Ohms
Self-cooling

Advantages

Non-inherently short-circuit proof
Analogue current and voltage indicator
Output circuit breakers may be operated from the front
Carry handle, mains cable with safety plug, shockproof socket for portable application

Applications

Isolating transformer with controllable output voltage for use in the laboratory.

Standards



Isolating transformer
to: VDE 0570 Part 2-4, DIN EN 61558-2-4, EN 61558-2-4, IEC 61558-2-4

Approvals



1 Transformers

Testing- and measurement equipment



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Electrical data	Typ	BR 351	BR 1000	BR 2200
	Input			
	Rated input voltage	230 Vac	230 Vac	230 Vac
	Frequency range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
	Output			
	Rated output voltage	0 - 250 Vac	0 - 250 Vac	0 - 250 Vac
	Rated Power	350 VA	1.000 VA	2.200 VA
	Efficiency	92.0 %	93.0 %	89.0 %
	Environment			
	Type of cooling	self-cooling	self-cooling	self-cooling
	Ambient temperature max.	40 °C	40 °C	40 °C
	Safety and protection			
	Type	Enclosed	Enclosed	Enclosed
	Internal impedance	4.96 Ω	2.25 Ω	1.80 Ω
	Insulation class	E	E	E
	Test voltage	3750 Vac, 50 Hz	3750 Vac, 50 Hz	3750 Vac, 50 Hz
	Protection index	IP 20	IP 20	IP 20
	Safety class	II	I	I
	Short circuit strength	non-inherently short-circuit proof	non-inherently short-circuit proof	non-inherently short-circuit proof
	Order numbers			
Mechanical data	Order Number	BR 351	BR 1000	BR 2200
	Terminal and mounting			
	Terminals Input	Mains connecting cable with safety plug	Mains connecting cable with safety plug	Mains connecting cable with safety plug
	Terminals Output	Protective contact socket	Protective contact socket	Protective contact socket
	Measures and weights			
	Weight	13.00 kg	20.00 kg	45.00 kg
	Dimension (W x H x D)	318 x 195 x 225 mm	400 x 195 x 250 mm	450 x 300 x 340 mm
	Cu-Weight	1.00 kg	6.00 kg	9.00 kg
	Dimension picture (in mm)	①	①	①
	A	315	400	460
	B	184	182	251.5
	C	203	235	330
	D	188	220	300
	E	308	391	453

Dimension pictures

