ATS RKPOWER
800A

Voltage
up to 480V

NEMA 3R/4X

CONFIGURATIONS

Amperage		**800A**
Voltage		208,240,480
Power Factor	**Cos Phi**	0.8
Phase		3PH
Poles		3
Connection Type		Front
Neutral		Mechanical Lug
Transition		Open Transition
ENCLOSURE		
Clasification	**NEMA**	3R/4X
Type		Self-supporting
Color		Grey (RAL7034)
CONTROLLER		
Manufacturer	**RKPOWER**	DSE334 HAT600PB

Type **Self-supporting**

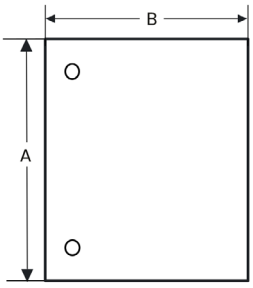


Referential Image

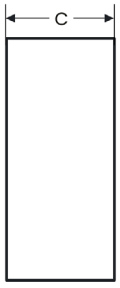
DIMENSIONS AND WEIGHT

			Weight	Dimensions, in (mm)		
ATS Rating	**Phase**	**Controller**	**lb(kg)**	**Height (A)**	**Width (B)**	**Depth (C)**
800A	3PH	Yes	606.3 (275)	82 (2083)	42 (1067)	24 (610)

ATS | **Front view**



ATS | **Side view**



- All dimensions and weights are approximate and subject to change without notice.
- Packing materials must be added to weights shown.

WIRE CONNECTIONS

ATS Rating	Configuration	Phases	Qty Wire x Max. Size	Nro Lugs per Phase
800A	3P	R-S-T	4x500KCMIL	1
800A	3P	Neutral	4x500KCMIL	3
800A	3P	Ground	2x350KCMIL	1

NEMA 4X: Enclosure for indoor/outdoor harsh environments, offering protection against corrosion, dust, rain, splashes, hose-directed water, and ice formation. Ideal for corrosive or caustic environments like food processing, chemical plants, and marine areas.

NEMA 3R: Outdoor enclosure protecting against rain, sleet, and ice. Weatherproof but not submersible, and does not resist hose-directed water.

Controller comparison





	HAT600PB	DSE334
SOURCE FAILURE DETECTION		
No voltage	Yes	Yes
Undervoltage	Yes	Yes
Overvoltage	Yes	Yes
Phase missing	Yes	Yes
Invalid frequency	Yes	Yes
Reverse phase sequence	Yes	Yes
FEATURES		
Controls	LCD + keys	LCD + keys
LED indications for ATS, S1 and S2 status	Yes	Yes
Multilingual Capability	Yes	Yes
Programmable Contact Inputs	4	10
CONNECTIVITY		
Ethernet	Yes	No
RS485	Yes	No
RS232	No	No
USB	Yes	Yes
EXERCISER		
Weekly test	Yes	Yes

ATS **options and accessories**

SWITCH AND ELECTRICAL SYSTEM

-Switched neutral

-Four-pole

ENCLOSURE

- NEMA 1, 12

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