ATS RKPOWER
125A

Voltage
up to 480V

NEMA 3R/4X

CONFIGURATIONS

Amperage		**125A**
Voltage		208,240,480
Power Factor	**Cos Phi**	1,0.8
Phase		1PH,3PH
Poles		2,3
Connection Type		Front
Neutral		Mechanical Lug
Transition		Open Transition
ENCLOSURE		
Clasification	**NEMA**	3R/4X
Type		Wall Mounted
Color		Grey (RAL7034)
CONTROLLER		
Manufacturer	**RKPOWER**	DSE334 SKR2-BC Without Controller

Type **Wall Mounted**



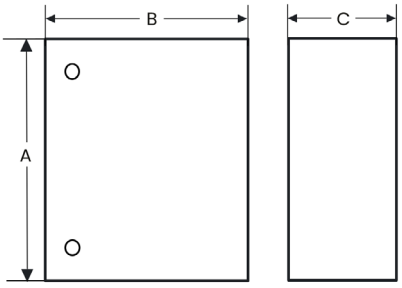
Referential Image

DIMENSIONS AND WEIGHT

ATS Rating	Phase	Controller	Weight lb(kg)	Dimensions, in (mm) Height (A)	Width (B)	Depth (C)
125A	1PH	Yes	39.7 (18)	24 (610)	20 (510)	9 (230)
125A	3PH	Yes	39.7 (18)	32 (810)	24 (610)	11.8 (300)
125A	1PH	No	33.1 (15)	24 (610)	16 (410)	9 (230)

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
125A	2P, 3P	R-S-T	1x250KCMIL	1
125A	2P, 3P	Neutral	3x250KCMIL	1
125A	2P, 3P	Ground	1x2AWG	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





	SKR2-BC	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	No	10
CONNECTIVITY		
Ethernet	No	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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