Product data sheet

Specifications



Circuit breaker enclosure, PowerPacT H/J, 15A to 250A, NEMA 3R, 14.47in W x 31.05in H x 6.28in D

J250R

Product availability: Stock - Normally stocked in distribution facility

Main

Breaker Compatibility	Circuit breaker H-Frame 15…250 A Circuit breaker J-Frame 15…250 A

Complementary

Height	31.05 in (788.67 mm)
Width	14.47 in (367.54 mm)
Depth	6.28 in (159.51 mm)

Environmental

NEMA Degree of Protection	NEMA 3R

Ordering and shipping details

Category	US10DE100030
Discount Schedule	0DE1
GTIN	785901607861
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.800 in (22.352 cm)
Package 1 Width	15.000 in (38.100 cm)
Package 1 Length	32.500 in (82.550 cm)
Package weight(Lbs)	34.229 lb(US) (15.526 kg)

Contractual warranty

Warranty (in months)	18

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**116 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**90 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**22 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**7123f656-319e-4ae7-888d-d29a63a4aa90**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**

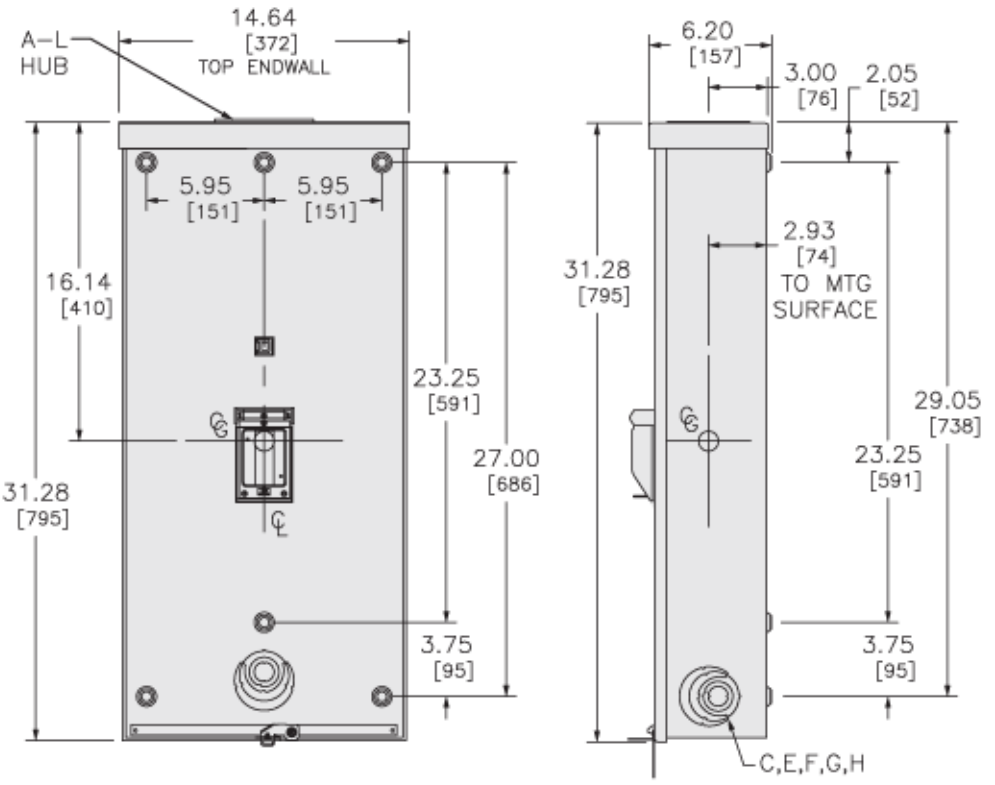
Use Again

Repack and remanufacture

Recyclability potential, in %	**95**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Approximate Dimensions



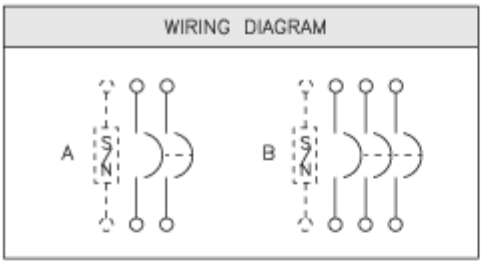
in.
[mm]

KNOCKOUTS				
SYMBOL	CONDUIT SIZE		DIAMETER	
	IN	MM	IN	MM
C	1.00	25	1.38	35
E	1.50	38	2.00	51
F	2.00	51	2.50	64
G	2.50	64	3.00	76
H	3.00	76	3.63	92

Connections and Schema

Connections and Wiring Diagrams

WIRING DIAGRAM



▲H150R AND J250R NEMA TYPE 3R

CIRCUIT BREAKER TERMINAL LUG DATA

CIRCUIT BREAKER CATALOG NO. PREFIX	AMPERE RATING	CONDUCTORS PER PHASE	WIRE SIZE (AWG/KCMIL)		TYPE
			MAX	MIN	
HD, HG HJ, HL, HR	15–150	1	#3/0	#14	AL/CU
JD, JG JJ, JL, JR	150–175	1	#4/0	#4	AL/CU
	200–250	1	350	#3/0	

FIELD INSTALLABLE SOLID NEUTRAL ASSEMBLIES AND GROUND KIT

CATALOG NUMBER	MAXIMUM AMPERE RATING	NUMBER OF TERMINALS	CONDUCTORS PER TERMINAL	WIRE SIZE (AWG/KCMIL)		TYPE
				MAX	MIN	
SN100FA	100A	2	1	#1/0	#14	CU
				#1/0	#12	AL
SN400LA	250A	2	1 OR 2	#600 #250	#1 #1	AL OR CU AL OR CU
		2	1	#300	#4	AL OR CU
PK0GTJ250	250A	2	1	#300	#6	AL OR CU
PK0GTH150	150A	2	1	#2	#14	AL OR CU

FOR 200% NEUTRALS USE SN400LA (AMP RANGE 100 TO 250, CU WIRE ONLY).

FIELD INSTALLABLE CIRCUIT BREAKER DATA

CIRCUIT BREAKER CATALOG NO PREFIX	WIRING DIAG	AMPERE RATING	UL LISTED INTERRUPTING RATING RMS SYMMETRICAL AMPERES							
			AC VOLTAGE					DC VOLTAGE		
			240	480Y/277	480	600Y/347	600	125	250	500
▲HD	A,B	15–150	25K	18K	18K	14K	14K	20K	20K	–
JD	A,B	150–250	25K	18K	18K	14K	14K	20K	20K	–
▲HG	A,B	15–150	65K	35K	35K	18K	18K	20K	20K	–
JG	A,B	150–250	65K	35K	35K	18K	18K	20K	20K	–
HJ	A,B	15–150	100K	65K	65K	25K	25K	20K	20K	–
JJ	A,B	150–250	100K	65K	65K	25K	25K	20K	20K	–
HL	A,B	15–150	125K	65K	65K	25K	25K	20K	20K	–
JL	A,B	150–250	125K	65K	65K	25K	25K	20K	20K	–
HR	A,B	15–150	125K	65K	65K	25K	25K	20K	20K	–
JR	A,B	150–250	125K	65K	65K	25K	25K	20K	20K	–

▲H150R SUITABLE ONLY FOR 2 POLE HD OR HG BREAKERS.