Product data sheet

Specifications



Box, I-Line Panelboard, HCP, 42in W x 59in H x 9.5in D, Type 1

HC4259DB

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	I-Line
Product or Component Type	Enclosure
Device Application	Panelboard
Device short name	HCP

Complementary

Line Rated Current	1200 A 600 A 400 A 800 A
Enclosure nominal width	42.008 in (1067 mm)
Enclosure nominal height	59.02 in (1499 mm)
Enclosure nominal depth	9.5 in (241 mm)
Product Weight	120.6 lb(US) (54.7 kg)
Height	59 in (1498.6 mm)
Depth	9.5 in (241.3 mm)

Environment

NEMA Degree of Protection	NEMA 1
Standards	UL CSA

Ordering and shipping details

Category	US1PE1A07979
Discount Schedule	PE1A
GTIN	785901790891
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	9.500 in (24.130 cm)
Package 1 Width	41.900 in (106.426 cm)
Package 1 Length	59.000 in (149.860 cm)

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

Package weight(Lbs)	120.591 lb(US) (54.699 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	4
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	42.000 in (106.680 cm)
Package 2 Length	60.000 in (152.400 cm)
Package 2 Weight	483.0001 lb(US) (219.085 kg)

Contractual warranty

Warranty (in months)	18

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	**383 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**292 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**16 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 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]	**75 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**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
Halogen content performance	**Halogen free product**
PVC free	**Yes**
Silicon free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

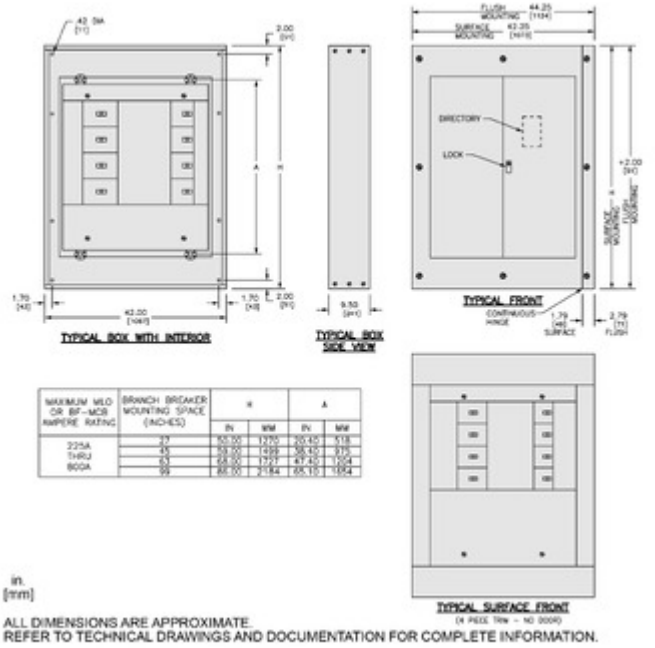
Use Again

Repack and remanufacture

Recyclability potential, in %	**98**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Technical Illustration

Dimensions



MAXIMUM MLO OR BF-MCB AMPERE RATING	BRANCH BREAKER MOUNTING SPACE (INCHES)	H		A	
		IN	MM	IN	MM
225A THRU 600A	27	30.00	762	30.43	773
	45	54.00	1499	56.43	975
	63	68.00	1727	47.43	1204
	99	86.00	2184	85.10	1804

in.
[mm]

ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.