Product data sheet

Specifications



Transformer, dry type, DOE 2016, 50kVA, 1 phase, 240x480V primary, 120/240V secondary, 18H, 150C rise

EE50S3H

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Energy Efficient Transformer
Enclosure Code	18H
Enclosure Type	NEMA 2
Insulation Temperature	428 °F (220 °C)
Phase	1 phase
Primary Voltage	240 x 480 V
Power Rating	50 kVA
Secondary Voltage	120/240 V
Full Capacity Taps	6 2.5 % 2+ 4-
Temperature Rise	150 °C
Winding Material	Aluminium

Complementary

Height	37 in (939.8 mm)
Width	20 in (508 mm)
Depth	20 in (508 mm)
Product Weight	395.0004 lb(US) (179.169 kg)

Ordering and shipping details

Category	US1PE2E16284
Discount Schedule	PE2E
GTIN	785901709602
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	43.100 in (109.474 cm)
Package 1 Width	21.400 in (54.356 cm)
Package 1 Length	21.300 in (54.102 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)	425.0009 lb(US) (192.777 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	**21 241 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 291 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**36 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**19 501 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**412 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Phenyl Glycidyl Ether, 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**

Use Longer

Lifetime extension

Repair	**No**

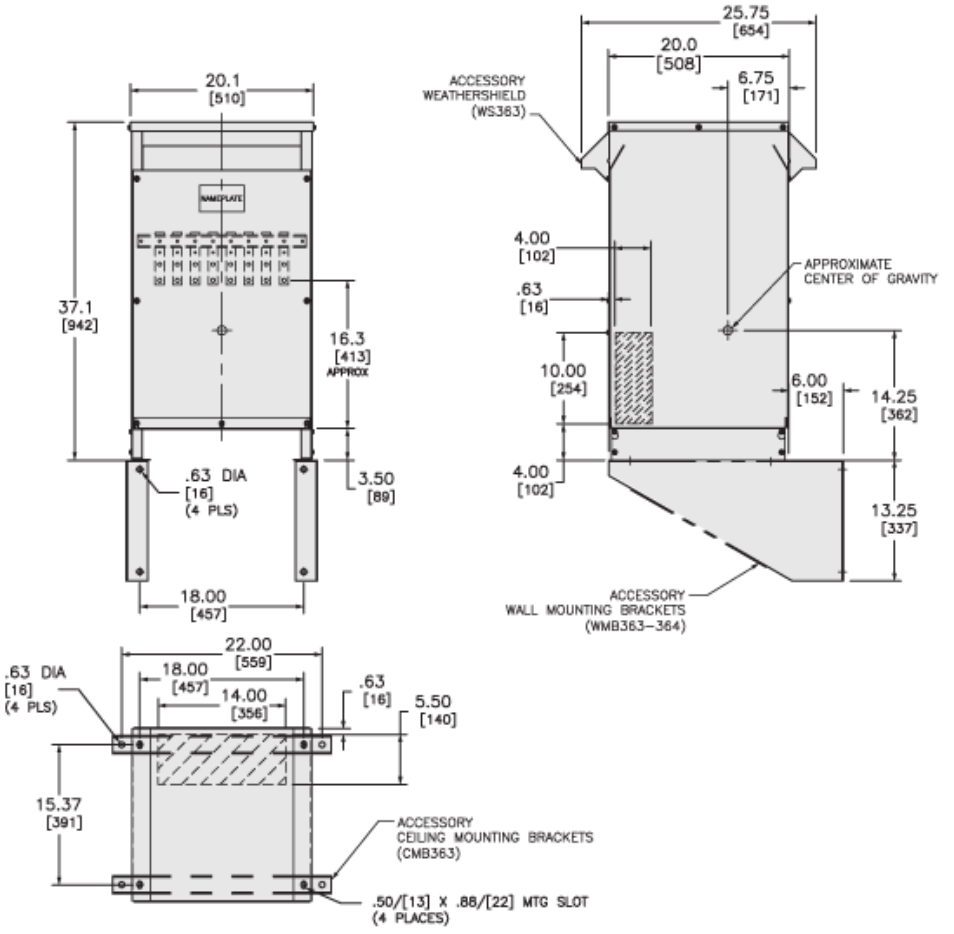
Use Again

Repack and remanufacture

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

Dimensions Drawings

Approximate Dimensions

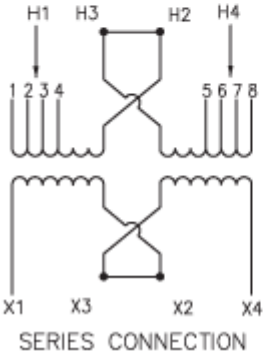


Connections and Schema

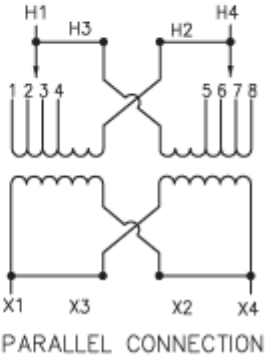
Connections and Wiring Diagrams

SERIES CONNECTION CONNECT H2 TO H3 CONNECT LINES TO H1 & H4	
PRIMARY VOLTS	CONNECT TO TAPS
504	1 AND 8
492	1 AND 7
480	2 AND 7
468	2 AND 6
456	3 AND 6
444	3 AND 5
432	4 AND 5

PARALLEL CONNECTION CONNECT H1 TO H3, H2 TO H4 CONNECT LINES TO H1 & H4	
PRIMARY VOLTS	CONNECT TO TAPS
252	1 AND 8
240	2 AND 7
228	3 AND 6
216	4 AND 5



SERIES CONNECTION



PARALLEL CONNECTION