Product data sheet

Specifications



Surge protection device, Surgelogic, HWA, 100kA, 480Y/277 VAC, 3 phase, 4 wire, NEMA 4X

TVS4HWA10X

Discontinued

Discontinued on: Feb 28, 2025

End-of-service on: Mar 31, 2025

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surgelogic
Device Short Name	HWA

Complementary

Voltage Rating	480Y/277 V AC
MCOV	320 V
SCCR	200 kA
Surge Current	100 kA per phase
Nominal Discharge Current	20 kA
Number of Phases	3 phase
Max Number of Poles	2
Wiring Configuration	4-wire
Connection	Wire phase and neutral 10 AWG copper Wire ground 10 AWG copper Wire dry contacts 22 AWG copper
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault Alarm fault
Cable length	33.6 in (853.4 mm)
Mounting Location	Bottom of enclosure
Device Mounting	Surface Flush fixing kit
Height	4.8 in (122 mm)
Width	8.6 in (219 mm)
Depth	3.1 in (79 mm)

Environment

Ambient Operating	149 °F (65 °C)
Enclosure Rating	NEMA 4X

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

Enclosure Material	Black Plastic
Standards	UL 1449:ed. 4 UL 1283:ed. 5 CSA C22.2 No 8:1986

Ordering and shipping details

Category	US1DE1B08466
Discount Schedule	DE1B
GTIN	785901961055
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.300 in (13.462 cm)
Package 1 Width	7.500 in (19.050 cm)
Package 1 Length	10.900 in (27.686 cm)
Package weight(Lbs)	5.201 lb(US) (2.359 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	**38 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**33 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.3 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**3 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant By Exemption**
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**

Use Again

Repack and remanufacture

Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**