

Product data sheet

Specifications



Surge Protective device,
Surgeologic, 300kA, 480V 3 phase
3 wire, UL Type 2, NEMA 4X

HWC53

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Product	Surge protection device
Range	Surgeologic
Device Short Name	HWC

Complementary

Voltage Rating	480 V delta AC
MCOV	550 V
Operating Frequency Range	47...63 Hz
SCCR	200 kA
Surge Current	300 kA
EMI/RFI Noise Attenuation	-53 dB
Voltage Protection Rating	1800 V L - G 2000 V L-L
Nominal Discharge Current	20 kA
Repetitive Impulse Rating	10 kA
Number of Phases	3 phase
Wiring Configuration	3-wire
Connection	Wire AWG 10
Local Signalling	Status LED green per phase normal operation Status LED red per phase fault
Provided Equipment	Alarm enable/disable switch Surge counter Dry contacts with integrated switch for off/on/automatic
Cable length	2.001 ft (0.61 m)
Device Mounting	Surface Flush fixing kit
Height	4.9 in (124 mm)
Width	9.6 in (244 mm)
Depth	4.02 in (102 mm)
Weight	4.6 lb(US) (2.1 kg)

Environment

Ambient Operating	-31...185 °F (-35...85 °C)
Storage Temperature	-40...149 °F (-40...65 °C)

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

Operating Altitude	0...12000 ft
Operating Humidity	0...95 %
Enclosure Rating	NEMA 4X
Enclosure Material	polycarbonate
Standards	UL 1449:ed. 5 CSA C22.2 No 269.1 UL 96A

Ordering and shipping details

Category	US1DE1B08464
Discount Schedule	DE1B
GTIN	047569001055
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.02 in (10.2 cm)
Package 1 Width	12.99 in (33 cm)
Package 1 Length	10.51 in (26.7 cm)
Package weight(Lbs)	5.501 lb(US) (2.495 kg)

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 >](#)

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Under investigation
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
Take-back	No