


Product data sheet

Specifications



Thalassa PHD outdoor heavy duty-enclosure H538 W500 D320 IP65 anti-posting door

NSYPHDT553

 **Discontinued on:** Sep 30, 2023

 **Discontinued**

Main

Range	Thalassa
Product	Thalassa PHD
Application	Outdoor heavy duty
Certification	UL conforming to UL 508 A 2007 Bureau Veritas conforming to IEC 61969-3 2011 Bureau Veritas conforming to IEC 61439-5 2010 DEKRA conforming to IEC 62208 2011
Enclosure Type	Multi-purpose
Category	Suitable enclosure
Version	PHDT
Enclosure Height With Canopy	538 mm
Canopy Height	38 mm
Enclosure Width	500 mm
Enclosure Depth	320 mm
Enclosure Mounting	Wall mounted
Device Composition	1 body in polyester double reinforced with fibreglass 1 door in polyester double reinforced with fibreglass 1 canopy in polyester double reinforced with fibreglass 1 door retainer in steel with anti-corrosive coating 1 document pocket in plastic A4 format

Complementary

Body Type	Sealed assembled body
Door Type	Anti-posting
Number Of Doors	1 door(s)
Door Opening Side	Right or left (120 °)
Lock Type	2 points lock, handle with 1242E key lock and padlock
Accessibility For Operation	Front
Maximum Static Load	180 kg
Removable Parts	Door by hinges
Material	Polyester double reinforced with fibreglass
Colour	Grey (RAL 7035)

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

Standards	IEC 61439-5 IEC 61969-3 UL 508 A IEC 62208
Electrical Insulation Class	Class II conforming to IEC 61439-1 2011

Environment

Ip Degree Of Protection	IP65 conforming to IEC 60529
Ik Degree Of Protection	IK10 conforming to IEC 62262 (plain door)
Mechanical Robustness	Vandal-proof conforming to EN/IEC 61439-5 version 2010
Fire Resistance	960 °C conforming to IEC 62208
Ambient Air Temperature For Operation	-45...80 °C conforming to IEC 61969-3 class 1
Ambient Air Temperature For Storage	-25...40 °C
Corrosion Withstand	90...100 % conforming to ISO 12944 C4H
Environmental Withstand	Solar radiation: class 1 up to 1120 W/m² conforming to IEC 61969-3:2011 Surrounding air withstand: class 1 up to 180 km/h conforming to IEC 61969-3:2011 Ultraviolet degradation test: class 1 conforming to ISO 4892-2:2013 Formation of ice and frost: class 1 conforming to IEC 61969-3:2011 Fauna and flora withstand: class 1 conforming to IEC 61969-3:2011 : class 1 conforming to IEC 61969-3:2011
Thermal Management Options	Natural: 269 W at -25 °C Natural: 117 W at 20 °C Natural: 50 W at 40 °C Fan: 1500 W for a maximum noise level of 60 dB

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	56.0 cm
Package 1 Width	54.0 cm
Package 1 Length	38.0 cm
Package 1 Weight	20.0 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations Circularity Profile