

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	PHDZT
Enclosure height with canopy	1343 mm
Canopy height	38 mm
Enclosure width	1250 mm
Enclosure depth	620 mm
Enclosure mounting	Floor-standing
Device composition	1 body in polyester double reinforced with fibreglass 2 doors in polyester double reinforced with fibreglass in side by side 1 document pocket in plastic A4 format 1 canopy in polyester reinforced with fibreglass 2 cable gland plate in aluminium 2 door retainer in steel with anti-corrosive coating

Complementary

Body type	Sealed assembled body
Door type	Plain
Number of doors	2 door(s)
Door opening side	Right and left (120 °)
Lock type	4 points lock, handle with 1242E key lock and padlock door
Accessibility for operation	Front Bottom
Maximum lifting load	500 kg
Removable parts	Door by hinges Canopy by fixing element Cable gland plate by fixing element
Material	Polyester double reinforced with fibreglass
Colour	Grey (RAL 7035)
Standards	IEC 61969-3 IEC 62208 IEC 61439-5 UL 508 A
Electrical insulation class	Class II conforming to IEC 61439-1 2011

Environment

IP degree of protection	IP55 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	<p>Solar radiation: class 1 up to 1120 W/m² conforming to IEC 61969-3:2011</p> <p>Surrounding air withstand: class 1 up to 180 km/h conforming to IEC 61969-3:2011</p> <p>Ultraviolet degradation test: class 1 conforming to ISO 4892-2:2013</p> <p>Formation of ice and frost: class 1 conforming to IEC 61969-3:2011</p> <p>Fauna and flora withstand: class 1 conforming to IEC 61969-3:2011</p> <p>: class 1 conforming to IEC 61969-3:2011</p>
Thermal management options	<p>Fan: 1500 W for a maximum noise level of 60 dB</p> <p>With external cooling 4000 W</p> <p>Natural: 1257 W at -25 °C</p> <p>Natural: 550 W at 20 °C</p> <p>Natural: 235 W at 40 °C</p> <p>According to cooling architecture 1500 W</p>

Offer Sustainability

Packaging without single use plastic	No
Packaging made with recycled cardboard	No
SCIP Number	1341ad4e-77b9-40e3-bab0-32043fbc5959
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations
Take-back	No