



Main

Range	Thalassa
Product name	Thalassa PHD
Product specific application	Outdoor heavy duty
Product certifications	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)
Device application	Multi-purpose
Product or component type	Suitable enclosure
Device short name	PHDZT
Enclosure nominal height	1343 mm
Height	38 mm
Enclosure nominal width	1250 mm
Enclosure nominal 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 canopy in polyester reinforced with fibreglass 2 cable gland plate in aluminium 2 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	2
Door opening side	120 °
Lock type	4 points lock, handle with 1242E key lock and padlock by door
Accessibility for operation	Bottom Front
Permanent permissible load	500 kg
Removable parts	Cable gland plate by fixing element Door by hinges Canopy by fixing element
Material	Polyester double reinforced with fibreglass
Colour	Grey RAL 7035

Standards	IEC 61439-5 UL 508 A IEC 61969-3 IEC 62208
Electrical insulation class	Class II IEC 61439-1 2011

Environment

IP degree of protection	IP55 conforming to IEC 60529
IK degree of protection	IK10 plain door conforming to IEC 62262
Mechanical robustness	Vandal-proof conforming to EN/IEC 61439-5
Fire resistance	960 °C 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
Relative humidity	C4H level conforming to ISO 12944
Environmental characteristic	Solar radiation : class 1 up to 1120 W/m ² 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) Chemical substance : class 1 conforming to IEC 61969-3 (2011)
Power dissipation in W	With external cooling Potential heat dissipation : 4000 W Natural : Potential heat dissipation : 1257 W at -25 °C Natural : Potential heat dissipation : 550 W at 20 °C Natural : Potential heat dissipation : 235 W at 40 °C Fan : Potential heat dissipation : 1500 W for a maximum noise level of 60 dB According to cooling architecture Potential heat dissipation : 1500 W

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0940 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Product Life Status : **Commercialised**