

NSYPHDT553

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



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	PHDT
Enclosure nominal height	538 mm
Height	38 mm
Enclosure nominal width	500 mm
Enclosure nominal 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 opening side	120 °
Lock type	2 points lock, handle with 1242E key lock and padlock
Accessibility for operation	Front
Maximum load	180 kg
Removable parts	Door by hinges
Material	Polyester double reinforced with fibreglass
Colour	Grey RAL 7035
Standards	IEC 62208 UL 508 A IEC 61969-3 IEC 61439-5
Electrical insulation class	Class II IEC 61439-1 2011

Environment

IP degree of protection	IP65 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	Natural : Potential heat dissipation : 269 W at -25 °C Natural : Potential heat dissipation : 117 W at 20 °C Natural : Potential heat dissipation : 50 W at 40 °C Fan : Potential heat dissipation : 1500 W for a maximum noise level of 60 dB

Offer Sustainability

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

Contractual warranty

Warranty period	18 months
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