## **DATASHEET - EWP-10122**



EWP wall-mount enclosure for EP standard mounting units, IP54, protection class 2, RAL9016, without EP modules, HxWxB=1250x1050x225mm



Part no. EWP-10122 Catalog No. 174690 Alternate Catalog EWP-10122

No.

**EL-Nummer 2455878** 

(Norway)

## **Design verification as per IEC/EN 61439**

Design vernication as per 120/214 01435			
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	$P_{V}$	W	142
Starting enclosure for wall mounting	$P_V$	W	139
Middle enclosure for wall mounting	$P_V$	W	137
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	$P_V$	W	285
Starting enclosure for wall mounting	$P_V$	W	278
Middle enclosure for wall mounting	$P_V$	W	275
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects			750 °C; meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Not relevant to indoor installations.
10.2.5 Lifting			Does not apply to enclosures without lifting aids.
10.2.6 Mechanical impact			IK09
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			IP54
10.4 Clearances and creepage distances			Is the panel builder's responsibility.
10.5 Protection against electric shock			Protection class 2, therefore not applicable.
10.6 Incorporation of switching devices and components			Is the panel builder's responsibility.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			$U_i = 400 \text{ V AC}$
10.9.3 Impulse withstand voltage			3 kV
10.9.4 Testing of enclosures made of insulating material			Does not apply to metal enclosures.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility.
10.13 Mechanical function			Meets the product standard's requirements.

## **Technical data ETIM 7.0**

et anclosures (FG00011) / Enclosure/switchgear cabinet	+ / a master) / FC00000C1)

Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss10.0.1-27-18-01-01 [AGZ056016])				
Width	mm	1050		
Height	mm	1250		
Depth	mm	225		
Material		Steel		

Surface finishing         Powder coating           Colour         White           RAL-number         916           With mounting plate         No           Mounting plate depth-adjustable         1           Number of locks         1           Floor installation possible         No           Wall fastening possible         Yes           Vall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         Yes           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Pickned roof         No           With glazed door         No           With notitiation door <td< th=""><th></th><th></th></td<>		
Colour         White           RAL-number         9016           With mounting plate         No           Mounting plate depth-adjustable         No           Number of locks         1           Floor installation possible         No           Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         Yes           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Picked roof         No           EMC-version         No           With glazed door         No           With wentilation door         No           With wentilation door         No           With wentilation door         No           With backside door         No           Impact strength         No           Degree of protection (IP)         No	Material quality	
RAL-number         9016           With mounting plate         No           Mounting plate depth-adjustable         1           No         1           Hoor installation possible         1           Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         Yes           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         Yes           Picked roof         No           Suitable for outdoor set-up         No           Pick version         No           With glazed door         No           With glazed door         No           With ventilation door         No           With ventilation door         No           With backside door         No           Impact strength         No           Degree of protection (IP)         If 86	Surface finishing	Powder coating
With mounting plate         No           Mounting plate depth-adjustable         No           Number of locks         1           Floor installation possible         No           Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         Yes           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Picked roof         No           EMC-version         No           With gazed door         No           With ventilation door         No           With backside door         No           With strength         No           Degree of protection (IP)         Ki09	Colour	White
Mounting plate depth-adjustable         No           Number of locks         1           Floor installation possible         No           Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         2           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Pitched roof         No           EMC-version         No           With glazed door         No           With ventilation door         No           With backside door         No           Impact strength         No           Degree of protection (IP)         IK09	RAL-number	9016
Number of locks         1           Floor installation possible         No           Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         2           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Pitched roof         No           EMC-version         No           With glazed door         No           With ventilation door         No           With ventilation door         No           With backside door         No           Impact strength         K09           Degree of protection (IP)         IP54	With mounting plate	No
Floor installation possible  Wall fastening possible  Wall fastening possible  Wall baild in  Pole fastening  Pole fastening  Tackable  Number of doors  Suitable for metrical mounting  Suitable for outdoor set-up  Pitched roof  Fitched roof  With yersion  With yelsion  With yelsion  With ventilation door  With backside door  With backside door  Inpact strength  Degree of protection (IP)	Mounting plate depth-adjustable	No
Wall fastening possible         Yes           Wall build in         Yes           Pole fastening         No           Tackable         Yes           Number of doors         2           Suitable for metrical mounting         Yes           Suitable for outdoor set-up         No           Pitched roof         No           EMC-version         No           With glazed door         No           With ventilation door         No           With backside door         No           Impact strength         No           Degree of protection (IP)         IF54	Number of locks	1
Wall build inYesPole fasteningNoTackableYesNumber of doors2Suitable for metrical mountingYesSuitable for outdoor set-upNoPitched roofNoEMC-versionNoWith glazed doorNoWith ventilation doorNoWith ventilation doorNoWith backside doorNoImpact strengthK09Degree of protection (IP)IF54	Floor installation possible	No
Pole fasteningNoTackableYesNumber of doors2Suitable for metrical mountingYesSuitable for outdoor set-upNoPitched roofNoEMC-versionNoWith glazed doorNoWith ventilation doorNoWith backside doorNoImpact strengthNoDegree of protection (IP)IP54	Wall fastening possible	Yes
Tackable Number of doors Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version With glazed door With ventilation door With ventilation door With person With backside door Impact strength Degree of protection (IP)  Yes  No  No  No  No  No  No  No  No  No  N	Wall build in	Yes
Number of doors Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof Pitched roof MC-version With glazed door With ventilation door With ventilation door With packside door Inpact strength Degree of protection (IP)	Pole fastening	No
Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version With glazed door With ventilation door With packside door Unpact strength Degree of protection (IP)  Yes No	Tackable	Yes
Suitable for outdoor set-up Pitched roof Pitched roof PMC-version With glazed door With ventilation door With backside door Impact strength Degree of protection (IP)  No	Number of doors	2
Pitched roofNoEMC-versionNoWith glazed doorNoWith ventilation doorNoWith backside doorNoImpact strengthIK09Degree of protection (IP)IP54	Suitable for metrical mounting	Yes
EMC-version No With glazed door No With ventilation door No With backside door No Impact strength IK09 Degree of protection (IP)	Suitable for outdoor set-up	No
With glazed doorNoWith ventilation doorNoWith backside doorNoImpact strengthIK09Degree of protection (IP)IP54	Pitched roof	No
With ventilation door     No       With backside door     No       Impact strength     IK09       Degree of protection (IP)     IP54	EMC-version	No
With backside door No Impact strength IK09 Degree of protection (IP) IP54	With glazed door	No
Impact strength IK09 Degree of protection (IP) IP54	With ventilation door	No
Degree of protection (IP)  IP54	With backside door	No
	Impact strength	IK09
Degree of protection (NEMA)	Degree of protection (IP)	IP54
	Degree of protection (NEMA)	



