

EWP wall-mount enclosure for EP standard mounting units, IP54, protection class 2, RAL9016, without EP modules, HxWxB=1400x800x225mm



Part no. EWP-08142 Article no. 174694 Catalog No. EWP-08142

Design verification as per IEC/EN 61439

Design Verification as per IEC/EN 61439			
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890 $$			
Individual enclosure for wall mounting	P_{V}	CO	118
Starting enclosure for wall mounting	P_{V}	CO	115
Middle enclosure for wall mounting	P_V	CO	103
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_{V}	CO	237
Starting enclosure for wall mounting	P_{V}	CO	231
Middle enclosure for wall mounting	P_{V}	CO	206
EC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects $$			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 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 6.0

Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)					
Electric engineering, automation, process control engineering / Electrical cabinet, housing, rack / Electrical cabinet (empty) / Electrical cabinet (ecl@ss8.1-27-18-01-01 [AGZ056013])					
Width	mm	m	800		
Height	mm	m	1400		
Depth	mm	m	225		
Material			Steel		
Type of surface			With powder coating		

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 1 Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No EMC-version Yes Impact strength K09 Degree of protection (IP) IP54 With glazed door No		
With mounting plate Mounting plate depth-adjustable Mounting plate depth-adjustable No Number of locks Floor installation possible Wall fastening possible Wall fastening possible Wall build in Pole fastening Iackable No Iackable	Colour	White
Mounting plate depth-adjustable Number of locks Number of locks Ploor installation possible Wall fastening possible Wall build in Yes Pole fastening Tackable Number of doors Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door No 1 No No	RAL-number	9016
Number of locks Floor installation possible Wall fastening possible Wall build in Pole fastening No Fackable Number of doors Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door I 1 Ko I 1 I 1 I 1 I 1 I 1 I 1 I 1 I 1 I 1 I	With mounting plate	No
Floor installation possible Wall fastening possible Wall build in Pole fastening No Tackable Number of doors Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door No No No No No No No No No	Mounting plate depth-adjustable	No
Wall fastening possible Yes Wall build in Yes Pole fastening No Tackable Yes Number of doors 1 Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No EMC-version Yes Impact strength IK09 Degree of protection (IP) IP54 With glazed door No	Number of locks	1
Wall build in Pole fastening No Tackable Number of doors Number of doors Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version Mo Degree of protection (IP) With glazed door Yes No	Floor installation possible	No
Pole fastening Pole fastening Pole fastening No Tackable Yes Number of doors 1 Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof No EMC-version Words Impact strength Degree of protection (IP) With glazed door No	Wall fastening possible	Yes
Tackable Yes Number of doors 1 Suitable for metrical mounting Suitable for outdoor set-up Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door Yes In Degree of protection (IP) Yes Yes I Degree of protection (IP) Yes I Degree of protection (IP) No I Degree of protection (IP)	Wall build in	Yes
Number of doors Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door 1 Yes It description It descripti	Pole fastening	No
Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof No EMC-version Impact strength Degree of protection (IP) With glazed door Yes No	Tackable	Yes
Suitable for outdoor set-up No Pitched roof No EMC-version Impact strength Degree of protection (IP) With glazed door No No No No No No No No No	Number of doors	1
Pitched roof EMC-version Impact strength Degree of protection (IP) With glazed door No	Suitable for metrical mounting	Yes
Yes Impact strength Degree of protection (IP) With glazed door Yes IK09 IK09 IP54 No	Suitable for outdoor set-up	No
Impact strength IK09 Degree of protection (IP) IP54 With glazed door No	Pitched roof	No
Degree of protection (IP) With glazed door IP54 No	EMC-version	Yes
With glazed door No	Impact strength	IK09
	Degree of protection (IP)	IP54
Mith vantilation door	With glazed door	No
With ventulation door	With ventilation door	No
With backside door No	With backside door	No



