

EWK wall-mount enclosure with standard mounting units, 96 SU, IP43, IK09, protection class 2, RAL9016, HxWxB=650x550x160mm



Part no. EWK-05061 Article no. 174656 Catalog No. EWK-05061

Delivery program

Basic function			Basic device
Product function			Installation distribution boards
Product range			EWK DBO
Design			Surface mounted
Installation site			Indoor
Type of installation			Surface mounting
Door/Flap			White
Degree of Protection			IP43
Colour			White
Module rack			Rail-frame
Shroud for protection against accidental contact			Plastic
Rows	Count		4
Module units per row			24
Description			IP43 Protection Class II Steel sheet enclosure white (RAL 9016)
Cable entries			Cable entries on top and bottom, back plate
PE and N terminals design			Plug-in terminals
PE and N terminals	Number x cross- sectional area	mm ²	PE: 2 x 6 x (1.5 - 16) N: 2 x 21 x (0.75 - 4)
Equipment supplied			Enclosure Installation panel for modular installation devices Neutral-/protective conductor terminal Locking screws can be sealed Two-component membrane gland plate insert

Technical data

General

Standards			EN 61439-3
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council)			conform
Ambient temperature		°C	-5 - +40
Degree of Protection			IP43
Protection class			II (totally insulated)
Rated operational voltage	Ue	V AC	400
Rated frequency	f	Hz	50
Material characteristics			
Material			Sheet steel, powder-coated Polystyren (plastic)
Colour			white (RAL 9016)
Material properties			
Mechanical			
Impact resistance			IK09

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	49
Starting enclosure for wall mounting	P_{V}	CO	47
Middle enclosure for wall mounting	P_{V}	CO	45

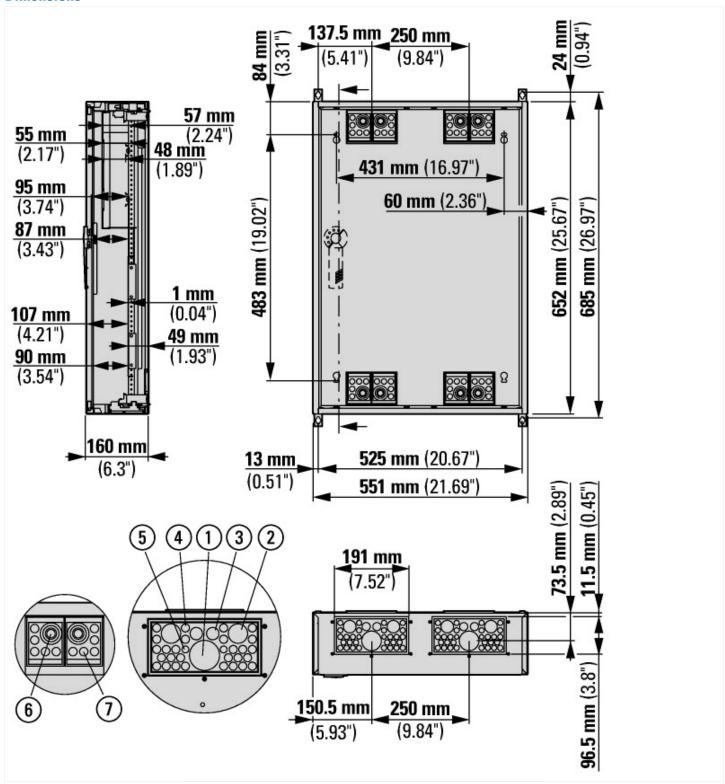
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_V	CO	99
Starting enclosure for wall mounting	P_{V}	CO	94
Middle enclosure for wall mounting	P_{V}	CO	90
IEC/EN 61439 design verification			
10.2 Strength of 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			IP43
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

Internation	16Cililical uata Ettivi v.v		
Width mm 550 deight mm 650 Depth mm 160 Waterial Steel Victor With powder coating Colour White SAL-number 9016 Wounding plate depth-adjustable No Mounting plate depth-adjustable No Number of locks 1 Hour installation possible No Wall fastening possible Yes Vall build in Yes Pole fastening No Face fastening No Face fastening Yes Number of doors 1 Visible for metrical mounting Yes Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No	Cabinet enclosures (EG000011) / Enclosure/switchgear cabinet (empty) (EC000261)		
delight mm 650 Depth mm 160 Material Stel Eye of surface With powder coating Colour White SAL-number 9016 Wounting plate No Mounting plate depth-adjustable No Vall fastering possible Yes Wall fastering possible Yes Vall fastering	Electric engineering, automation, process control engineering / Electrical cabinet, ho	ousing, rack / Electrical	cabinet (empty) / Electrical cabinet (ecl@ss8.1-27-18-01-01 [AGZ056013])
Depth mm 160 Material Steel Open of surface With powder coating Colour White SAL-number 9016 With mounting plate No Mounting plate depth-adjustable No Number of locks 1 Floor installation possible No Wall fastering possible Yes Vall fastering	Width	mm	550
Material Material Mounting plate Mou	Height	mm	650
Figure of surface Colour Colou	Depth	mm	160
ColourWhiteRAL-number9016With mounting plateNoMounting plate depth-adjustableNoNumber of locks1Cloor installation possibleNoWall fastening possibleYesWall build inYesPole fasteningNoFackableYesNumber of doors1Suitable for metrical mountingYesSuitable for outdoor set-upNoPicked roofNoPicked roofNoPicked roofNo	Material		Steel
AAL-number With mounting plate With mounting plate depth-adjustable Number of locks Floor installation possible Null fastening possible Nall build in Pole fastening Floor fastening Floor for fastening Floor for for for fastening Floor installation possible Nall build in Floor for for for for fastening Floor for for for for for for for for for	Type of surface		With powder coating
Mith mounting plate Mounting plate depth-adjustable No Number of locks Incor installation possible Noll fastening possible Nall fastening possible Noll fastening for a training for a tra	Colour		White
Mounting plate depth-adjustable No Number of locks I Cloor installation possible Nall fastening possible Nall build in Pole fastening Yes Pole fastening I No I I I I I I I I I I I I I	RAL-number		9016
Number of locks Floor installation possible No Wall fastening possible Ves Nall build in Folia fastening Floor fastening Floor fastening Floor fastening Floor factable No Floor factable No Suitable for metrical mounting Suitable for outdoor set-up Pictched roof No No No No No No No No No	With mounting plate		No
Floor installation possible Wall fastening possible Wall build in Pole fastening Floor for doors Number of doors Suitable for metrical mounting Suitable for outdoor set-up Picched roof No No No No No No No No No	Mounting plate depth-adjustable		No
Wall fastening possible Wall build in Yes Pole fastening No Fackable Number of doors Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof No No No No No No No No No	Number of locks		1
Wall build in Yes Pole fastening No Fackable Yes Number of doors 1 Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No	Floor installation possible		No
Pole fastening Pole f	Wall fastening possible		Yes
Fackable Yes Number of doors 1 Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No	Wall build in		Yes
Number of doors Suitable for metrical mounting Suitable for outdoor set-up No Pitched roof No	Pole fastening		No
Suitable for metrical mounting Yes Suitable for outdoor set-up No Pitched roof No	Tackable		Yes
Suitable for outdoor set-up No Pitched roof No	Number of doors		1
Pitched roof No	Suitable for metrical mounting		Yes
	Suitable for outdoor set-up		No
MC-version Yes	Pitched roof		No
	EMC-version		Yes
mpact strength IK09	Impact strength		IK09

Degree of protection (IP)	IP43
With glazed door	No
With ventilation door	No
With backside door	No

Dimensions



- $\textcircled{1}_{1\,x} \not \! \mathcal{D}_{5\,\text{-}\,74\,\text{mm}}$
- 2 2x Ø 5 29 mm
- 3 2 x Ø 5 18 mm
- 4 28 x Ø 5 11 mm
- (5) 2x Ø 5-9 mm
- 6 _{2 x} Ø _{16/21/29/38 mm}
- $(\overline{I})_{10x} \mathcal{O}_{16 \, \text{mm}}$

Additional product information (links)

IL014004Z EWK enclosures for DIN rail-mount	ed devices
IL014004Z EWK enclosures for DIN rail- mounted devices	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL014004ZU2014_04.pdf
Product overview (Web)	http://www.eaton.eu/DE/Europe/Electrical/ProductsServices/Residential/index.htm