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EVB WALLBOX MINI 1M/2M AC

RATED PARAMETERS

POWER SUPLY	
Rated voltage: 3-phase	3f 230/400 [V]
Rated insulation voltage	500/690 [V]
Rated frequency	50 [Hz]
Impulse withstand voltage	4 [kV]
Power supply network configuration	TN-S / TN-C-S / (optional) TT
CHARGING POINTS	
AC output voltage	230/400 [V]
Maximum charging point current AC Type 2	32 [A]
Charging point standard	IEC 62196-3 – mode 3

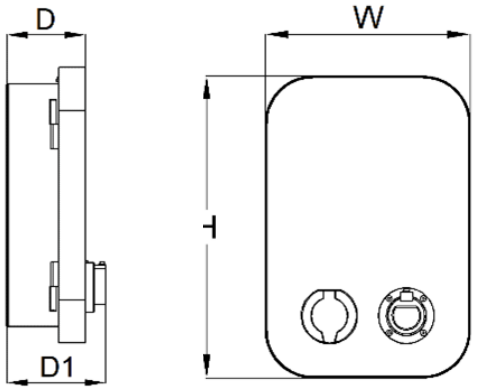
ENVIRONMENT CONDITIONS	
Mechanical impact resistance rating	10
Operating temperature	-25°C do +45°C
Humidity	<95 [%]
HOUSING	
Protection rating	I
Ingress Protection rating	54
STORAGE	
Room requirements	Dry Without condensation of water vapor Without dust Without vibration
Storage temperature	10 - 45 °C

EQUIPMENT

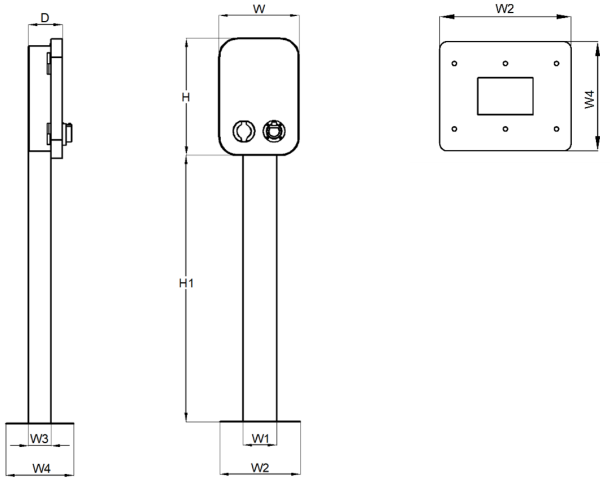
STANDARD		
Main switch	[see: BLOCK DIAGRAM OF EVB AC CHARGING STATION]	
AC charging point with Type-2 connector (socket or plug)	Maximum up to 22 [kW] / 32 [A]	ACTYP222
Freestanding construction 1M	For the WALLBOX 1M MINI AC station in the freestanding version	FAWALL1M01
Freestanding construction 2M	For the WALLBOX 2M MINI AC station in the freestanding version	FA10045503
OPTIONAL		
Energy meter for vehicle charging	Integrated with the charging point	
Authorization	Application, RFID (MIFARE 13.56MHz standard) Payment card terminal	
Communication with the operator	OCPP 1.6J, OCPP 2.0 READY	
Communication interfaces	Ethernet, GPRS/3G/4G	
Surge protector	Type 2	AP OP TYPE2
Station heating 15W	Heater power: 15W	TG 15W

DIMENSIONS

EVB WALLBOX 1M/ 2M MINI AC - mounted



EVB WALLBOX 1M/ 2M MINI AC - on construction



Name	Dimensions [mm]			
	W	H	D	D1
EVB WALLBOX 1M MINI AC[1]	359	527	150	191
EVB WALLBOX 2M MINI AC				

Dimensions [mm]							
W	W1	W2	W3	W4	H	H1	D
359	150	360	100	300	527	1200	150

[1] For the EVB Wallbox 1M MINI AC charging station, only one charging point is available.

STANDARDS

EN-61851-1_2011E	Electric vehicle conductive charging system – Part 1: General requirements
EN-61851-22:2002	Electric vehicle conductive charging system - Part 22: AC electric vehicle charging station
EN 61439-1:2011	Low-voltage substations and control gear - Part 1: General rules
EN 61439-3:2012	Low-voltage substations and control gear – Part 3: Distribution board stations intended for use by persons other than the public (DBO)
EN 61439-5:2015-02	Low-voltage substations and control gear – Part 5: Sets for power distribution in public networks
EN 50274:2004	Low-voltage substations and control stations – Protection against electric shock – Protection against unintentional direct contact with hazardous live parts
EN 62208:2006	Empty enclosures for low-voltage substations and control rooms – General requirements
E 05163	Shielded low-voltage substations and switchgear – Test guidelines for arc-discharge conditions resulting from internal short circuits
EN 60695-11-10:2014-02	Fire hazard testing - Part 11-10: Test flames - 50 W flame test methods for horizontal and vertical specimen alignment

EN ISO 14040:2009	Environmental management – Life cycle assessment – Principles and structure
EN ISO 14044:2009	Environmental management – Life cycle assessment – Requirements and guidelines
EN 62196-1:2015-05	Plugs, socket-outlets, vehicle couplers and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements
EN 62196-2:2017-06	Plugs, socket-outlets, vehicle couplers and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility and interchangeability requirements for a.c. plug and socket contact products
EN 62196-3:2015-02	Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. vehicle connectors with sleeve-and-pin contacts
ISO/IEC 14443	Identification cards - Proximity chips - Proximity cards
ISO/IEC 15693	Identification cards - Proximity chips - Proximity cards
EN 61000-6	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments
PN-EN 61000-6	Kompatybilność elektromagnetyczna (EMC) -- Część 6-2: Normy ogólne – Odporność w środowiskach przemysłowych

CONTACT

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