

Overview

Product information

**FGAC-S-032A-P-0.0M-22060000030**

Charging device outlet for charging electric vehicles (EVs) with alternating current (AC), compatible with national standard AC powered charging device plugs for installation in electric vehicle charging stations (EVSE)

Product advantages

- ☑ All Degson's vehicle sockets and charging pile power sockets adopt a unified design
- ☑ The surface of power and signal contacts are silver-plated
- ☑ Certified to IATF 16949:2016
- ☑ Ergonomic and easy to operate

Product certification



Technical data

Product drawing

3D model

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Environmental conditions

Maximum altitude	5000m(Above sea level)
Ambient temperature (operation)	-30 °C ~ 50 °C
Ambient temperature (storage / transport)	-40 °C ~ 80 °C
IP class	IP54 (protection cover)

Electrical characteristics

Maximum charge power	8KW
Phase	1
Power pin quantity	3

Rated current of high-power contacts	32
Power contact rated voltage	250
Quantity of signal contacts	2
Signal contact rated current	2
Signal contact rated voltage	30
Signal transmission type	Pulse width adjustment
Connection method precautions	Crimp connection, cannot be disconnected
Temperature measurement	2x Pt 1000 (DIN EN 60751)

Mechanical properties

Insertion/pullout cycle	10000
Insertion force	< 100N
Pull out force	< 100N

Installation

Available installation location	Installation in front of the board
Limit of the installation location	Only allow 0 to 90 degrees frontal tilt
Lock actuator installation location	Top center
Mounting hole diameter	7.00 mm (ø)

Marking material

Shell color	black
Customization basis	Provided according to customer requirements
Contact surface material	Ag
Marking material	Plastic

Locking device

Lock type	Secured by locking device after insertion
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Lock actuator

Poles of pluggable connectors	4
Nominal operating voltage	12V
Motor possible supply voltage range	9-15.5V
Lock detection maximum voltage	12V
Response time	≥0.02S
Work cycle	On: off=0.02S: 10S
Working temperature	_40 °C ... 80 °C
Withstand voltage	DC1000V
Power	32W±10%
Service life	>10000 times without load
Ambient temperature (operation)	_30 °C ... 50 °C
Cable length	0.3m
Cable composition	4 x 0.5 mm ²

Cable

Cable composition	2 x6 mm ² + 1 x 10 mm ² + 2× 0.75 mm ²
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Bag

color	Blue
Dimension	ø350*100mm

Temperature Sensor

Standard	DIN EN 60751
Recommended measured current	1 mA (1 V at 0°C)
Temperature range	_50 °C ... 150 °C
Temperature coefficient (TCR)	3850 ppm/K
Long-term stability (maximum R0-Drift)	0.06 % (After 1000 hours at 130°C)
Shutdown temperature	90 °C Equivalent to Pt 1000 value 1346.5 Ω

Environmental Product Compliance

REACH	conform
China RoHS	conform

Dimension

Depth	63.2mm
Hole diameter	60mm x 60 mm
Wire length	0m
	0.3 m (Lock the actuator cable)
width	76mm
Height	115.8mm

Accessories

Business data

Order number	22060000030
Packing unit	5pcs/box
Minimum order quantity	5
Products weight (without packaging)	13.65