

ZDK-01 / 01 Overview

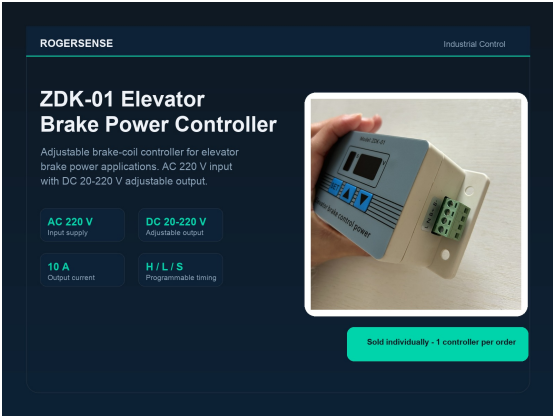
Elevator Brake Power Controller

Brand: ROGERSENSE

Model: ZDK-01

Document version: 1.0

Hardware / firmware revision: TBD



Product presentation. Delivered configuration: TBD.

Key functions

Parameter	Value / conditions	Rev.
Product name	Elevator brake power controller	1.0
Model	ZDK-01	1.0
Sales unit	1 controller per order quantity	1.0

Delivery configuration

One ZDK-01 controller per existing store order unit. Set excitation / holding voltage and transfer interval for the actual brake-coil requirement.

Application scope

Reference specifications for project evaluation. Final delivery is subject to the agreed hardware, firmware, accessories and acceptance conditions. Presentation imagery does not define manufacturing geometry.

ZDK-01 / 02 Technical data

Documented values and operating conditions. Conflicting or unavailable values are marked TBD.

Parameter	Value / conditions	Rev.
Product name	Elevator brake power controller	1.0
Model	ZDK-01	1.0
Sales unit	1 controller per order quantity	1.0
Input supply	AC 220 V	1.0
Output voltage	DC 20-220 V adjustable	1.0
Output current	10 A reference from supplied product details	1.0
Input terminals	L, N	1.0
Output terminals	B+, B- to brake coil	1.0
Parameter modes	H: excitation voltage; L: holding voltage; S: transfer interval	1.0
Controls	SET, Up, Down	1.0

ZDK-01 / 03 Electrical interface

Pin / terminal definitions

Parameter	Value / conditions	Rev.
L / N	AC 220 V line / neutral input Source PDF p.4; power disconnected before wiring	1.0
B+ / B-	DC brake-coil output Input and output must not be interchanged	1.0
H / L / S	Excitation voltage / holding voltage / transfer interval Panel parameter modes, not terminal names	1.0

Electrical conditions

Item	Value / condition	Rev.
Pin viewing orientation	TBD unless identified in the approved wiring drawing	1.0
Harness / logic compatibility	TBD; confirm against the delivered hardware before wiring	1.0
EMC / isolation / load derating	TBD; component ratings do not establish system ratings	1.0

ZDK-01 / 04 Mechanical & installation

Dimensions / unit: mm

DIMENSIONED REFERENCE / UNIT: mm

Overall dimensions: TBD

Mounting holes / datum / tolerances: TBD

Item	Value / condition	Rev.
Overall length / width / height	TBD / TBD / TBD	1.0
Installation hole diameter / spacing	TBD / TBD	1.0
Terminal pitch / enclosure clearance	TBD / TBD	1.0
Mass / thermal / insulation drawing	TBD / TBD / TBD	1.0

Installation control

Confirm mounting datum, clearance, connector access and the exact delivered revision. Drawing spans listed in the table require an approved drawing to establish orientation. Unspecified geometry and tolerances: TBD.

ZDK-01 / 05 Protocol & software

Native interfaces and protocol

Item	Value / condition	Rev.
Panel modes	H excitation voltage; L holding voltage; S transfer interval	1.0
Controls	SET / Up / Down	1.0
Parameter ranges / default settings	TBD	1.0
Native communications / telemetry	TBD; no documented data port	1.0
Gateway project scope	External acquisition or added controller requires project definition	1.0

ROGERSENSE integration services

MQTT connectivity, OTA firmware updates, gateways and cloud platform are available for delivery. Model-specific controllers, interfaces and adaptation are agreed per project. These services do not imply native MQTT or OTA support inside every sensor.

Platform: <https://iot.rogersense.com>

Item	Value / condition	Rev.
Gateway / firmware build	TBD	1.0
MQTT topic / payload / credentials	TBD	1.0
OTA signing / rollback / access control	TBD	1.0

ZDK-01 / 06 Delivery & verification

Configuration and acceptance record

Item	Value / condition	Rev.
Document version	1.0	1.0
Brand / model	ROGERSENSE / ZDK-01	1.0
Hardware / firmware revision	TBD	1.0
Serial number / calibration report	TBD	1.0
Approved mechanical drawing	TBD	1.0
Inspection / acceptance report	TBD	1.0
Packing / harness / accessories	TBD; confirm the ordered configuration	1.0
Certification / compliance evidence	TBD unless identified in the delivery agreement	1.0

Open items

Every TBD item and any conflicting supply, accuracy, dimensional or revision requirement must be resolved in the approved delivery configuration. Calibration conditions, wiring orientation, installation datum and application suitability require project verification.

After-sales

After-sales follows the existing ROGERSENSE policy and the approved order. <https://rogersense.com/returns>