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Fiche produit Motralec Ziehl Abegg ZadyN 4C - fiche technique | Motralec
■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

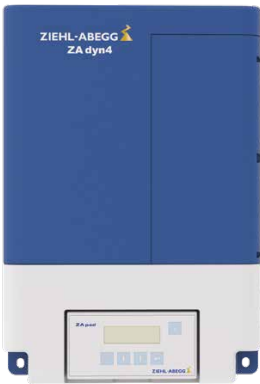
Control technology
ZAdyn4

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Drive technology for elevators 2025

ZAdyn frequency inverter for elevator machines

4C - The solution for wall installation



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Contactor-less operation:

- STO (Safe Torque Off) according to IEC 61800-5-2 (SIL 3).
- Requirements of EN 81-20 to the disconnection of the power supply of the elevator machine are met!

- Description**
- Wall mounting in the machine room or elevator shaft
 - Mounting in the control cabinet
 - Line choke, radio interference filter integrated
 - Space-saving installation by compact design
 - Operation of synchronous motors (ZAdyn4CS) and asynchronous motors (ZAdyn4CA)
 - Open-Loop-Operation of asynchronous motors
 - Standby function
 - 4-line display with plain text display
 - Minimal noise generation and low energy consumption through controlled ventilation
 - Automatic operating-curves default
 - Switching frequency: 4...16 kHz (automatic adaptation)
 - Applied EMC standards: EN 12015 and EN 12016
 - Protection class: IP20

- Interfaces**
- Controller
- Programmable inputs and outputs
 - 5 x relay output (potential-free)
 - 12 x digital input (24 VDC)
 - DCP
 - CANopen-Lift
 - All interfaces galvanic isolated

- Encoder
- Incremental
 - HTL / TTL / Sine
 - Absolute
 - EnDat / SSI / SinCos / Hiperface / BiSS-C
 - Simulation for controller

- Monitorings
- Temperature monitoring brake resistor
 - Temperature monitoring motor (in accordance with EN 61800-5-1:2008-04)
 - Motor contactor monitoring (with optional use of motor contactors)
 - Brake monitoring in accordance with EN 81-20

Type	Article no.	Mains volt- age type	Nominal voltage VAC	Mains frequency Hz	Motor power typ. kW	Nominal current A	Current max. A	Duty cycle %	Weight kg
ZAdyn4CA 011	352194	3~	400	50/60	4.6	11	20	60	11.80
ZAdyn4CS 011	352201								12.00
ZAdyn4CA 013	352195				5.5	13	24		12.60
ZAdyn4CS 013	352202								12.80
ZAdyn4CA 017	352196				7.5	17	31		13.00
ZAdyn4CS 017	352203								13.20
ZAdyn4CA 023	352197				11	23	42		14.10
ZAdyn4CS 023	352204								14.30
ZAdyn4CA 032	352198				14	32	58		16.40
ZAdyn4CS 032	352205								16.60
ZAdyn4CA 040	352206				19	40	72		32.40
ZAdyn4CS 040	352216								32.60
ZAdyn4CA 050	352207				24	50	90		33.30
ZAdyn4CS 050	352217								33.50
ZAdyn4CA 062	352208				30	62	112		36.20
ZAdyn4CS 062	352218								36.40
ZAdyn4CA 074	352209				37	74	134		36.40
ZAdyn4CS 074	352219								36.60

Features

- MMC / SD card interface for data backup and exchange
- USB interface for ZAMon software (via ZAPad)

Options

- External ZAPad operating terminal; 4-line display with plain text display
- Electronic brake control ZAsbc4
- ZAMon (app or version for pc)
- Bluetooth® wireless technology ZAMon STICK

Evacuation mode

- Supply during power failure through:
- EVAC 3C evacuation unit
 - Uninterruptible power supply (UPS)

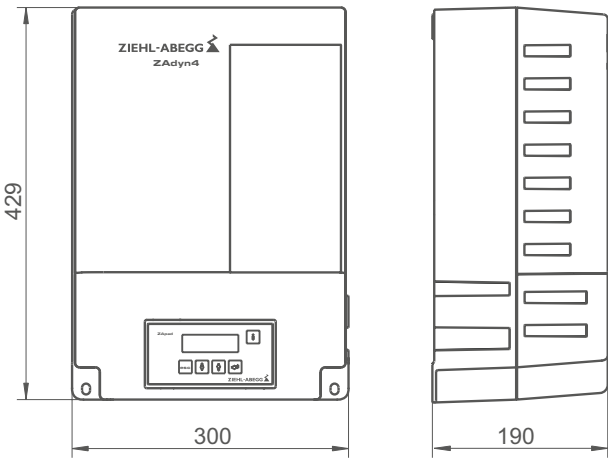
Electromagnetic compatibility

Compliance with EN 12015 and EN 12016 through integration of line choke and radio interference filter in the ZAdyn4C.

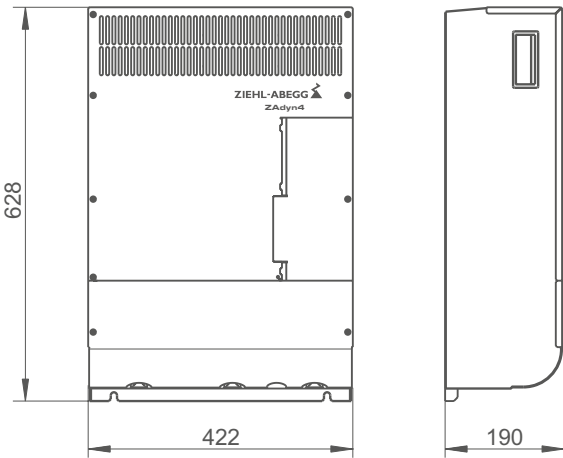
Frequency inverter	Brake resistor	Article no.
ZAdyn4C 011	BR11-A	357171
	BR17	357216
ZAdyn4C 013	BR17	357216
ZAdyn4C 017	BR17	357216
ZAdyn4C 023	BR25	357217
ZAdyn4C 032	BR25	357217
	BR50	357218
ZAdyn4C 040	BR50	357218
ZAdyn4C 050	BR50	357218
ZAdyn4C 062	BR50	357218
ZAdyn4C 074	BR50	357218
	BR100-A	357214

Dimensions mm

ZAdyn4C 011-032



ZAdyn4C 040-074



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Ventilateur Ziehl Abegg ZADYN 4C



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