





**Frequency-Inverter Type GOLIATH-90 Intern for Elevators:**

To 32A: 	<b>Technical Short-Description:</b> Frequency-inverter for elevators for high comfort. The power classes are from <b>12A to 142A nominal current</b> , at a 1,7- overload-factor. For the catch-rescue you have the <b>2,0-</b> overload-factor for a few minutes to bring the car in motion. The very compact casing with a depth 200mm, which allows a mounting in every lift-controller casing. Fully metal-encased central processing unit in accordance with Class B of the law concerning electromagnetic compatibility (EMVG). The frequency-controllers Goliath 90 can be driven with special Liftmotors and norm asynchron-motors. For a lot of synchronmotors are implemented in the software. The inverter read in the parameters automaticly.	Up 42A: 
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Nominalcurrent	Overload	Type	Order-No.	Price (EURO)
12A	x 1,7	GOLIATH-90/400V/12A Intern	1000701	on demand
16A	x 1,7	GOLIATH-90/400V/16A Intern	1000702	on demand
22A	x 1,7	GOLIATH-90/400V/22A Intern	1000703	on demand
26A	x 1,7	GOLIATH-90/400V/26A Intern	1000704	on demand
32A	x 1,7	GOLIATH-90/400V/32A Intern	1000705	on demand
42A	x 1,7	GOLIATH-90/400V/42A Intern	1000706	on demand
52A	x 1,7	GOLIATH-90/400V/52A Intern	1000707	on demand
62A	x 1,7	GOLIATH-90/400V/62A Intern	1000708	on demand
82A	x 1,7	GOLIATH-90/400V/82A Intern	1000709	on demand
102A	x 1,7	GOLIATH-90/400V/102A Intern	1000710	on demand
122A	x 1,7	GOLIATH-90/400V/122A Intern	1000711	on demand
142A	x 1,7	GOLIATH-90/400V/142A Intern	1000712	on demand

**Frequency-Inverter Type GOLIATH-90 Extern for Elevators:**

Complete: 	<b>Technical Short-Description:</b> The power classes are from <b>12A to 142A nominal current</b> , at a 1,7- overload-factor. Fully metal-encased central processing unit in accordance with Class B of the law concerning electromagnetic compatibility (EMVG). The line-filter, SAS- and electr. Brake-Unit are integrated. All wires you need, like mainpower-wire, motor- & brakeresistor-wire, controller-wire are optional. The frequency-controllers Goliath 90 can be driven with special Liftmotors and norm asynchron-motors. For a lot of synchronmotors are implemented in the software. The inverter read in the parameters automaticly.	Open Cover: 
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Nominalcurrent	Overload	Type	Order-No.	Price (EURO)
12A	x 1,7	GOLIATH-90/400V/12A Extern	1000713	on demand
16A	x 1,7	GOLIATH-90/400V/16A Extern	1000714	on demand
22A	x 1,7	GOLIATH-60/400V/22A Extern	1000715	on demand
26A	x 1,7	GOLIATH-90/400V/26A Extern	1000716	on demand
32A	x 1,7	GOLIATH-60/400V/32A Extern	1000717	on demand
42A	x 1,7	GOLIATH-60/400V/42A Extern	1000718	on demand
52A	x 1,7	GOLIATH-60/400V/52A Extern	1000719	on demand
62A	x 1,7	GOLIATH-60/400V/62A Extern	1000720	on demand
82A	x 1,7	GOLIATH-90/400V/82A Extern	1000721	on demand.
102A	x 1,7	GOLIATH-90/400V/102A Extern	1000722	on demand
122A	x 1,7	GOLIATH-90/400V/122A Extern	1000723	on demand
142A	x 1,7	GOLIATH-90/400V/142A Extern	1000724	on demand

Regulation of a 207V DC – Brakeunit	Type	Delievery-No.	Price (EURO)
Electronic Brake Unit	BG-90	1000735	on demand
205V -> 100V DC Overvoltage	GL-90	1000727	on demand

Security Circuit for Operating without Contactors	Type	Delievery-No.
	SAS16-102	1100133

Optional Bakeunit for synchronemachines ( Shortcut of the motor wires)

	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
	KS-90	1000725	on demand

<b>HandProgrammingUnit HPG-60</b>	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
	HPG-60	1000697	on demand

<b>Internal Display / Keyboard PD-90</b>	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
	PD-90	1000700	on demand

<b>Liftbus- / ShaftCopyWire with RJ-45 LP</b>	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
	LBK-60	1000730	on demand

Adaptertcard / wires for the digital encoder at the GOLIATH-90:

	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
Thyssen DAF / SC EnDAT	T-ECN 113	1000601	on demand
SAD WSG EnDAT	S-ECN 1313	1000602	on demand
Xinda Sin / Cos	X-Sin	1000603	on demand
Xinda EnDAT	X-ECN 413	1000604	on demand
Monitor Sin / Cos	M-ECN 1585	1000605	on demand
Blocher GA41 / GA42 SSI	B-SSI	1000606	on demand
Xinda EnDAT	X-ERN 487	1000607	on demand
Adaptertcard ABS	ABS-Adapt	1000910	on demand

<b>Extention-wire for Absolute-encoder</b>	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
Extention-wire for Absolute-encoder	AWG-K 5m	1000610	on demand
Extention-wire for Absolute-encoder	AWG-K 10m	1000611	on demand
Extention-wire for Absolute-encoder	AWG-K 15m	1000612	on demand
Extention-wire for Absolute-encoder	AWG-K 20m	1000613	on demand
Extention-wire for Absolute-encoder	AWG-K 25m	1000614	on demand
Extention-wire for Absolute-encoder	AWG-K 30m	1000615	on demand

Inkremental Mountingkit SOLUTION, Connectingsrew for M10, M12, M16 and M20 srew:

	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
Inkremental Mountingkit	SOLUTION M8-20	1000757-761	on dema

Resolvercard for Synchroniousmaschins ( Type Alpha EPM / ECD) for GOLIATH-90:

	<b>Type</b>	<b>Delievery-No.</b>	<b>Price (EURO)</b>
Resolvercard	RES-02	1000727	on demand

<b>Recovery units</b>	<b>Type</b>	<b>Delievery-No.</b>
Recovery units Type REVCON	REVCON 16-26A	1000744
Recovery units Type REVCON	REVCON 32-42A	1000745
Recovery units Type REVCON	REVCON 52-62A	1000746
Recovery units Type REVCON	REVCON 65-90A	1000747

Priceconditions: At the Factoy, without casing & tax

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