

## ITEM 105693 HBA-105693

Description	Technical data	Accessories	Downloads
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### Features

- › Membrane keypad can be labeled as required using slide-in strips
- › Tamper-proof EMERGENCY STOP device according to EN 13850, dual-channel
- › LEDs white, color customer-specific using colored keypad membrane
- › 1 enabling switch, 3-stage, 2 NO contacts
- › Coiled cable, expandable to 3.5 m, 42-core, flying lead

### Notes

- › For template for slide-in strips, see [www.euchner.com](http://www.euchner.com) (Service)

### Approvals



### Mechanical values and environment

Material	Polycarbonate
Weight	
	Net 1,1 kg
Ambient temperature	0 ... 50 °C
Atmospheric humidity (condensation not permissible)	max.80 % rH
Degree of protection	
	IEC529 IP65 <sup>[1]</sup>
	Acc. to Nema 205-12 <sup>[2]</sup>
Resilience to vibration	
	Vibrations (3 axes) DIN/IEC 68-2-6
	Shock (3 axes) DIN/IEC 68-2-27
Connection	Flying leads
Cable length	
	coiled 3,5 m <sup>[3]</sup>

### Electrical connection ratings

Utilization category according to EN 60947-5-1	
	DC-13 30V DC / 1A
Switching voltage	
	Enabling switch max.AC/DC 42 V
	Membrane keypad max.DC 42 V
	Membrane keypad max.AC 25 V
Switching current	
	Enabling switch max.100 mA
	Membrane keypad max.100 mA
EMC protection requirements	
	Acc. to CE EN 61000-6-2, EN 61000-6-4
Connecting cable	42x0.14
Breaking capacity (VA)	
	Enabling switch max.0,25 VA
	Membrane keypad max.1 VA
Power supply LED	-10% ... 24V V DC +10% V DC

### Controls and indicators

Control/indicator	1
Version	Emergency stop
Switching element	2 positively driven contacts
Special features	-
Color	Red-yellow
Item	See data sheets
Control/indicator	1
Version	Enabling switches, 3-stage
Switching element	2 NO contacts

Special features	-
Color	-
Item	See data sheets
Control/indicator	14
Version	Membrane keys
Switching element	1 NO contact each
Special features	-
Color	-
Item	See data sheets
Control/indicator	14
Version	LED
Switching element	-
Special features	-
Color	white
Item	See data sheets

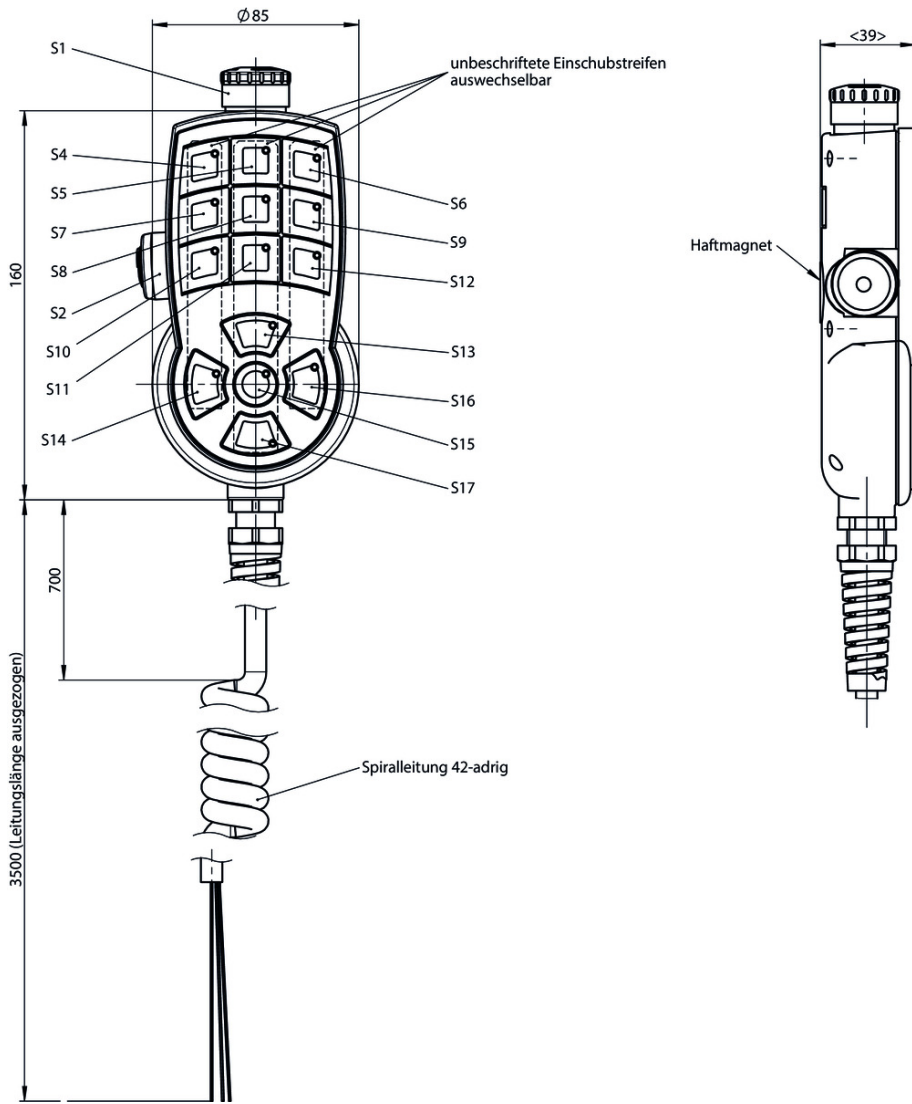
### Miscellaneous

Additional feature	
Exchangeable slide-in strips	
Color	
Housing	Gray RAL 7040
For the approval according to UL the following applies	Operation only with UL class 2 power supply, or equivalent measures



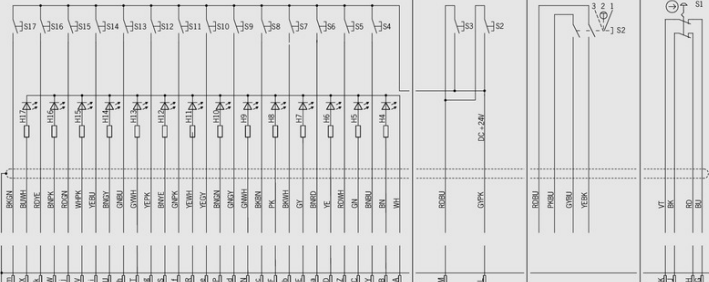
[1, 2] On the front

[3] Extended

# Dimension drawing



## Circuit plan

Ausführung/Artikel	Merkmale				Best. Nr.
	Folientastatur S4 - S17	Drucktaster 2-stufig S2, S3	Zustimmtaster ZXE, 3-stufig S2	NOT-HALT- Ein- richtung S1	
HBA - 096 692 	●	●		●	<b>096 692</b>
HBA - 105 693 	●		●	●	<b>105 693</b>
<b>Verdrahtungsplan</b>	<p>S4 - S17: Folientastatur</p> <p>S2 (links) + S3 (rechts): Drucktaster 2-stufig z. B. für Zustimmfunktion *</p> <p>S2: Zustimmtaster * ZXE 3-stufig links</p> <p>S1: NOT-HALT</p> 				

\* Schaltwegdiagramm  
siehe Seite 6

## Mounting accessories

### Holder for HBA



**072828** HALTER HBA072828

#### Features

- › Plastic holder
- › gray



**100221** HALTER HBA-100221

#### Features

- › Plastic holder
- › Black



**072935** HALTER HBA M

#### Features

- › Plastic holder
- › gray
- › Handwheel can be operated in the holder



## 109979 HALTER HBA-109979

### Features

- › Plastic holder
- › Black
- › Handwheel can be operated in the holder

## Instructions

### Návod k použití ručních ovladačů HBA

	Doc. no.	Version	Language	Download
Betriebsanleitung Handbediengeräte HBA Mode d'emploi des pupitres portables HBA Istruzioni di impiego dispositivi di comando manuale HBA Operating instructions for hand-held pendant stations HBA	2072850	07-03/18	   	0.8 MB
Manual de instrucciones de las botoneras HBA	2072850	07-03/18		0.2 MB
Návod k použití ručních ovladačů HBA	2072850	07-03/18		0.3 MB
Инструкция по эксплуатации ручных устройств управления HBA	2072850	07-03/18		0.4 MB

## Catalogs

### Handbediengeräte/Handräder Hand-Held Pendant Stations/Handwheels Pupitres portables/Manivelles

	Doc. no.	Version	Language	Download
Handbediengeräte/Handräder	098619	08-09/17		3.0 MB
Pupitres portables/Manivelles	111529	08-09/17		3.0 MB
Hand-Held Pendant Stations/Handwheels	099443	08-09/17		3.0 MB

## Declaration of conformity

### EU-Konformitätserklärung

	Doc. no.	Version	Language	Download
EU-Konformitätserklärung Declaración UE de conformidad Déclaration UE de conformité Dichiarazione di conformità EU declaration of conformity	2109732	05-08/16	    	0.2 MB

### EU-Konformitätserklärung

Doc. no.	Version	Language	Download
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EU-Konformitätserklärung  
EU declaration of conformity  
Declaración UE de conformidad  
Déclaration UE de conformité  
Dichiarazione di conformità

2105755 08-03/17



 0.2 MB