

InBox Terminal box, retrofit

adaptable to **...Max** actuators size S and M and **...Run** valve actuators

Subject to change!

Type	Description	Applications	Figure
InBox- 3P	5 terminals, 2 cable glands	for InMax-... actuators	B1
InBox- Y/S	5 + 6 terminals, 4 cable glands	for InMax-...-S... actuators	B2
	5 + 6 terminals, 4 cable glands	for InMax-...-Y actuators	B2
InBox- BF	11 terminals, 3 cable glands	for InMax-...-BF actuators	B3
InBox- 3P /SW	5 + 6 terminals + 6 terminals, 3 glands + 1 duplex cable gland	for InMax... actuators and InSwitch	B4
InBox- Y/S /SW	5 + 6 terminals + 6 terminals, 5 glands + 1 duplex cable gland	for InMax-...-S or ...-SF actuators and InSwitch	B5
	5 + 6 terminals + 6 terminals, 5 glands + 1 duplex cable gland	for InMax-...-Y r ...-YF actuators and InSwitch	B5
InBox- BF /SW	5 + 6 terminals + 6 terminals, 4 glands + 1 duplex cable gland	for InMax-...-BF actuators and InSwitch	B6
InBox /SW	6 terminals, 2 cable glands	for InSwitch	B7
InBox- ... -CT	Types as above with aluminium housing and seawater resistant C5-M painting (cable glands brass nickel-plated)		
InBox- ... -VA	Types as above with stainless steel housing for aggressive ambient (cable glands brass nickel-plated)		

Product views and applications

InBox-3P



InBox-Y/S



MKK-S



...Box- ... -VA

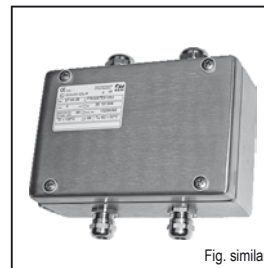


Fig. similar

Description

InMax actuators are delivered with 1 m cable. Terminal boxes type InBox are specially designed for InMax actuators.

Important

Before opening an terminal box the supply voltage of the wiring must be cut.

For actuators with retrofit, external auxiliary switches ...Switch the terminal box ...Box-.../SW must be ordered.

Special terminal boxes on request.

Technical data

Cable glands	M20 × 1,5 mm plastic (for cable diameter Ø 6...13 mm)
Cable glands Duplex	M20 × 1,5 mm plastic (for cable diameter 2 × Ø 4...6 mm)
Terminals V and Y/S	4 mm ² (minimum diameter 0,5 mm ²)
Terminals SW	1,5 mm ²
PE connection	2 × 4 mm ²
Ambient temperature	-40...+60 °C
Types ...-VA:	-40...+50 °C
Housing material	Aluminium, powder-coated, resp. stainless steel
Dimensions (L × W × H)	125 × 80 × 57 mm
Types ...-VA:	160 × 100 × 70 mm
Weight	~ 750 g aluminium housing, stainless steel ~ 1200 g

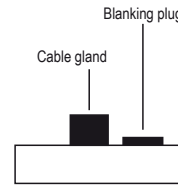
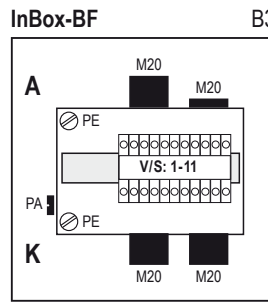
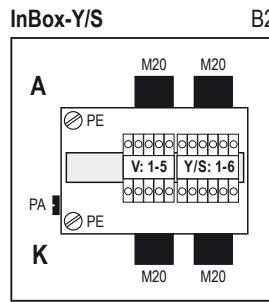
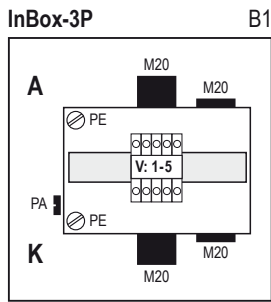
Approbations

IP-Protection IP66 in acc. with EN 60529

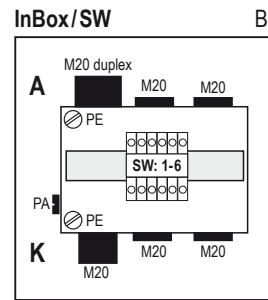
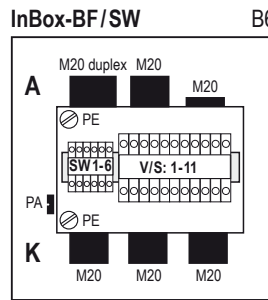
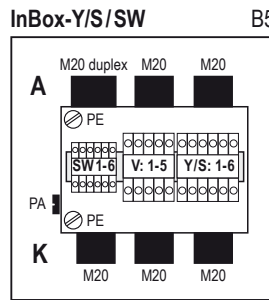
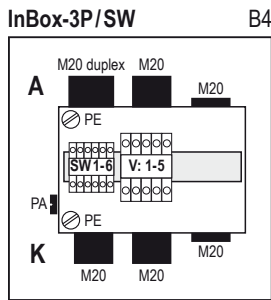
Special solutions and accessories

...-CT	Types in aluminium housing with seawater resistant coating, parts nickel-plated
...-VA	Types in stainless steel housing V4A / 316L / DIN EN 1.4404
MKK-S	Mounting bracket, stainless steel, for ...Box-... on ...Max actuator size S
MKK-M	Mounting bracket, stainless steel, for ...Box-... on ...Max actuator size M
Kit-S8 Box	4 cable glands M20 × 1,5 mm, brass nickel-plated, Ø 6...13 mm

Variants (aluminium housing)



- K** = Supplied by the customer
- A** = Supplied by the actuator
- V** = Terminals for supply / On-off/3-pos. control mode
- Y** = Terminals for continuous control input and feedback signals Y und U
- S** = Terminals for connection of internal auxiliary switches
- SW** = Terminals for connection of external auxiliary switches



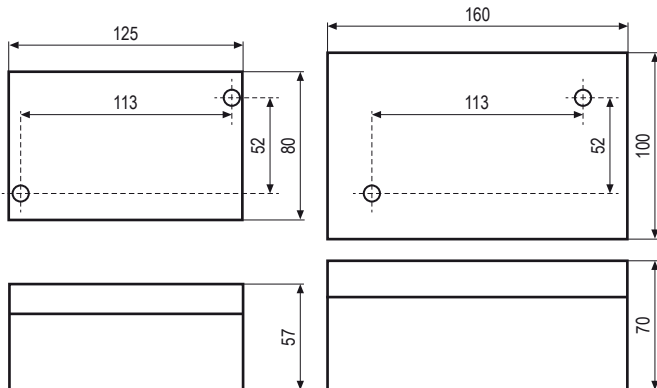
Selection guide

Adaptable to	InBox-3P	InBox-Y/S	InBox-BF
...Max actuators	InMax- 5.10	InMax- 5.10-F	InMax- 5.10-S InMax- 5.10-SF InMax- 5.10-Y InMax- 5.10-YF
	InMax-15.30	InMax-15-F	InMax-15.30-S InMax-15-SF InMax-15.30-Y InMax-15-YF
	InMax-50.75	InMax-30-F	InMax-50.75-S InMax-30-SF InMax-50.75-Y InMax-30-YF
	InMax-100	InMax-50-F	InMax-100-S InMax-50-SF InMax-100-Y InMax-50-YF
	InMax-150	InMax-60-F	InMax-150-S InMax-60-SF
	InMax-... -F1 InMax-... -F3	InMax-... -SF1 InMax-... -SF3	InMax-... -BF1 InMax-... -BF3
	InMax-... -R		
...Run actuators	InBox-3P / SW	InBox-Y/S / SW	InBox-BF / SW
	...Max-... + ...Switch	...Max-... + ...Switch	...Max-... + ...Switch
...Run actuators	InBox / SW		
	...Run-... + ...Switch		
	...Run-... -Y + ...Switch		

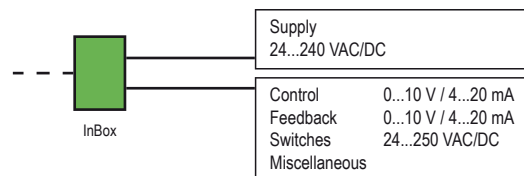
Dimensions

Dimensions in mm

Type ...Box-...-VA



Installation



- Do not open the cover when circuits are live
- Supply cables must be installed in a fixed position and protected against mechanical damage
- Connect potential earth
- Note ambient temperature
- Close all openings with min. IP66
- Regard all national and international standards, rules and regulations