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DATASHEET
FICHA TÉCNICA
BSR KIT



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KIT BSR (ES)

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KIT BSR J4C 20/85

The **BSR** safety block system is an automatic system that, when coupled to the J4C multi-voltage electric actuators, lets the valve situate in a preferable position on NC or NO, when there is a power supply failure. Inside of the housing there are a **BSR** print circuit board and a battery pack, which is kept in continuous charge.

In case of the valve is not in the preferable position and there is a power supply cut, the **BSR** system returns the valve back to the preferable position by means of the battery tension, operating as a "single acting" actuator.



OUTSIDE BOX

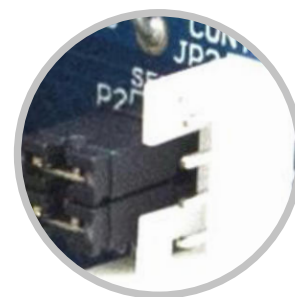
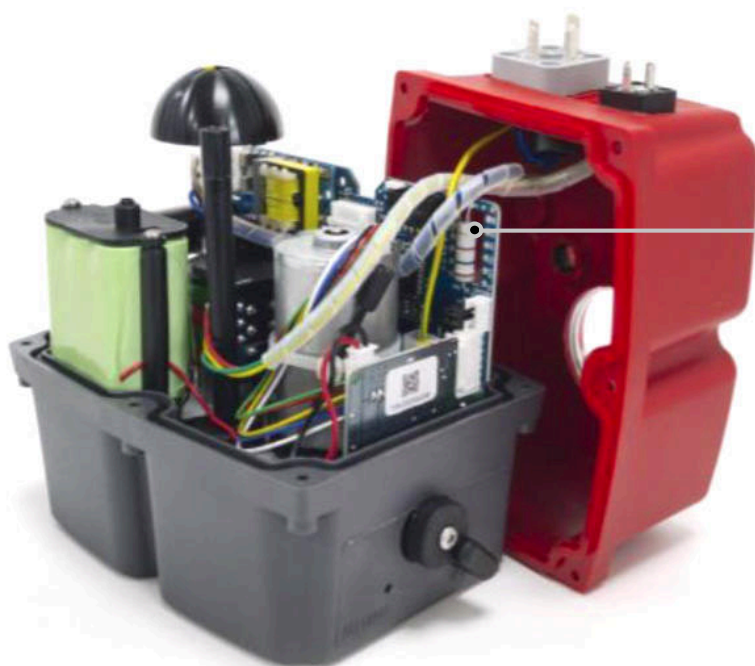


INSIDE BOX

ACTUATOR MODEL	S20-B20	S35-B35	S55-B55	S85-B85
N° Working operation without recharge, with 100% battery charge	Until battery discharged	Until battery discharged	Until battery discharged	Until battery discharged
Recharge time/working operation	15 min	21 min	48 min	58 min
Battery consumption/working operation	2,2 W	3,0 W	6,8 W	8,3 W
Full charge time 100%	28 h	28 h	28 h	28 h
Nominal capacity +/- 5%	2200 mA	2200 mA	2200 mA	2200 mA
NO or NC Features (*)	Jumper	Jumper	Jumper	Jumper
Current/one working operation with battery	10,1 mA	14 mA	31,6 mA	38,6 mA
Battery charge	40 mA/h	40 mA/h	40 mA/h	40 mA/h
Weight	0,309 Kg			

CONFIGURATIONS

	A	B
PREFERRED POSITION IN CASE OF POWER CUT	(NC) NORMALLY CLOSE	(NO) NORMALLY OPEN



Jumper 1 SELDIR

NC Set-Up

NC- If, in case of a power supply failure, we need the actuator go to the CLOSE position, we need to put the jumper 1 on the SELDIR position.

NO Set-Up

NO- If, in case of a power supply failure, we need the actuator go to the OPEN position, be sure that the jumper 1 is not on the SELDIR position.

(*) NO or NC Set-Up

KIT BSR J4C 140/300

The **BSR** safety block system is an automa sm that, when coupled to the J4C mul tiple voltage electric actuators, lets the valve situate in a preferable posi on NC or NO, when there is a power supply failure. Inside of the housing there are a **BSR** print circuit board and a ba ttery pack, which is kept in con tinuous charge.

In case of the valve is not in the preferable posi on and there is a power supply cut, the **BSR** system returns the valve back to the preferable posi on by means of the ba tteries tension, opera ng as a “single ac ng” actuator.



OUTSIDE BOX



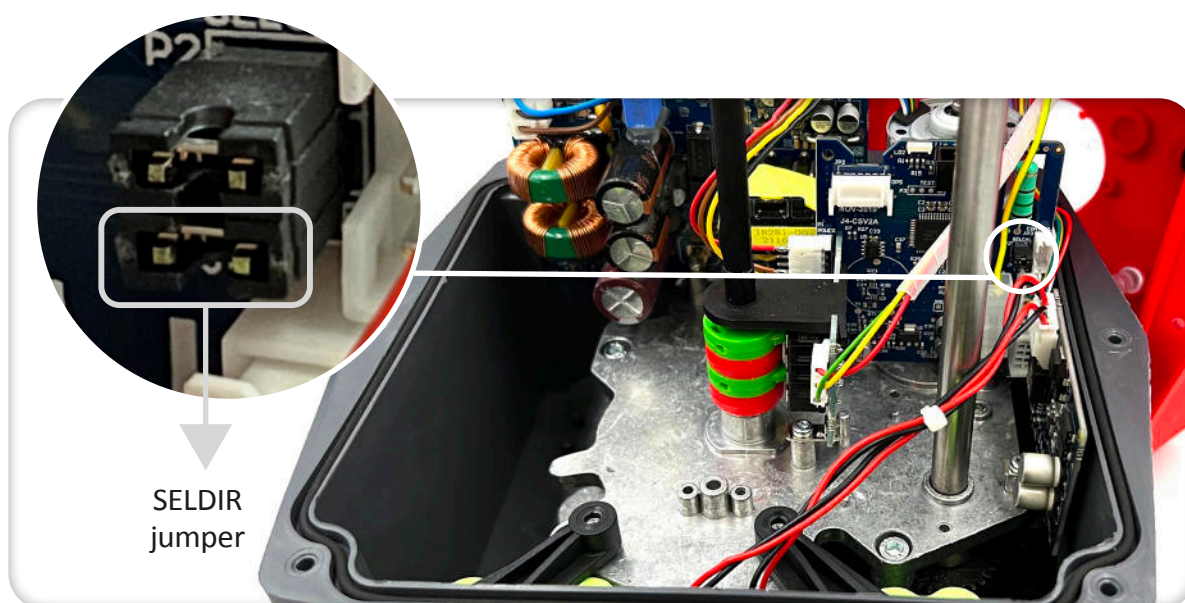
INSIDE BOX

ACTUATOR MODEL	S140-B140	S300-B300
Nº Working operation without recharge, with 100% battery charge	Until battery discharged	Until battery discharged
Recharge time/working operation	30 min	50 min
Battery consumption/working operation	23 W	23 W
Full charge time 100%	54 h	54 h
Nominal capacity +/- 5%	2200 mA	2200 mA
NO or NC Features (*)	Jumper	Jumper
Current/one working operation with battery	15,1 mA	25,7 mA
Battery charge	40 mA/h	40 mA/h
Weight	0,487 Kg	



CONFIGURATIONS

	A	B
PREFERRED POSITION IN CASE OF POWER CUT	(NC) NORMALLY CLOSE	(NO) NORMALLY OPEN



(*) NO or NC Set-Up

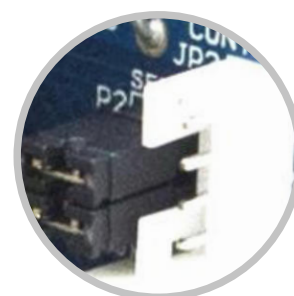
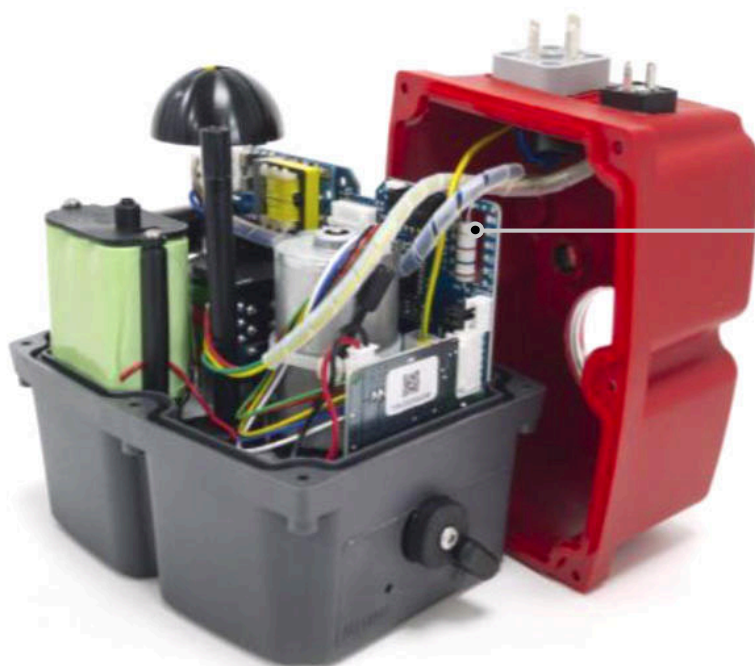
NC Set-Up

NC- If, in case of a power supply failure, we need the actuator go to the CLOSE position, we need to put the jumper 1 on the SELDIR position.

NO Set-Up

NO- If, in case of a power supply failure, we need the actuator go to the OPEN position, be sure that the jumper 1 is not on the SELDIR position.

CONFIGURACIONES	A	B
POSICION PREFERENTE A FALLO DE CORRIENTE	(NC) NORMALMENTE CERRADA	(NA) NORMALMENTE ABIERTA



Jumper 1 SELDIR

Configuración NC

NC- Si deseamos que el actuador, a fallo de corriente CIERRE, es necesario insertar el **jumper 1** en la posición SELDIR.

Configuración NA

NA- Si deseamos que el actuador, a fallo de corriente ABRA, comprobar que en la posición SELDIR, no tenga el **jumper 1** montado.

(*) Configuración NA o NC



KIT BSR J4C 140/300

El sistema de seguridad BSR es un automa smo que, incorporado a los actuadores J4C permite, en caso de interrupción de la alimentación eléctrica, situar la válvula en posición preferente predeterminada NC o NO.

En el interior del actuador se encuentra situada la tarjeta del circuito BSR más el bloque de baterías que, se encuentra en carga conti ua, lo que permite accionar el actuador, en caso necesario, cuando la unidad detecta un fallo de suministro eléctrico.

Hay que tener en cuenta que no se trata de un actuador “simple efecto” , pero que en caso de que la válvula se encuentre en posición no preferente, el sistema BSR, mediante las baterías, accionará la válvula hasta situarla en la posición predeterminada como preferente, actuando como un actuador “simple efecto”.



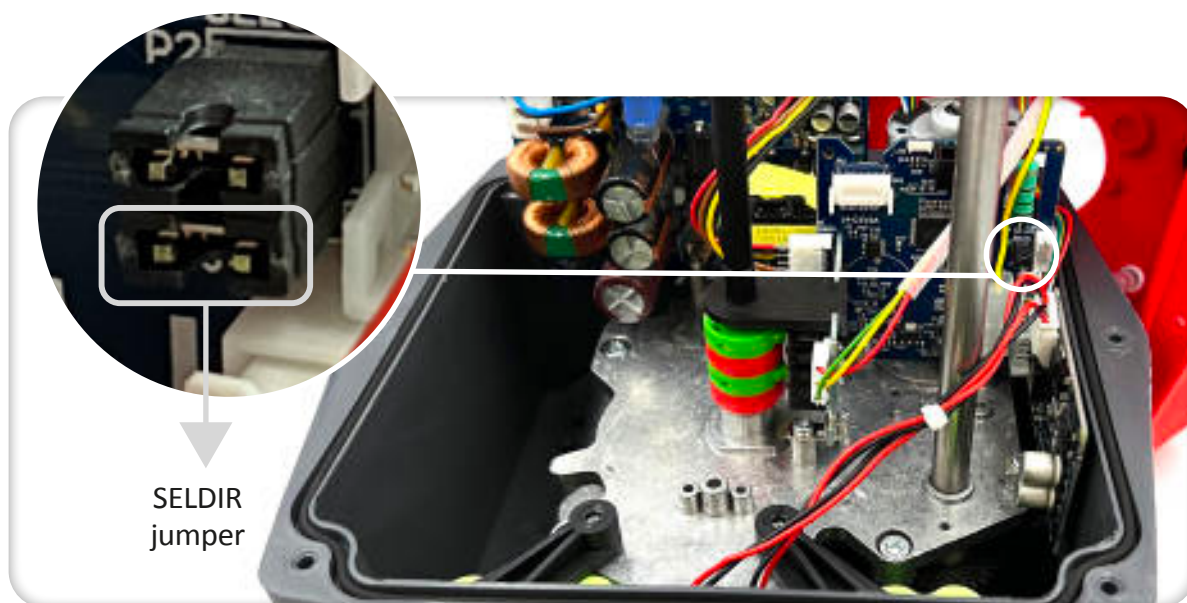
EXTERIOR CAJA



INTERIOR CAJA

MODELO	S140-B140	S300-B300
Nº de Maniobras sin recargar, con batería 100% de carga	Hasta descarga de batería	Hasta descarga de batería
Tiempo de recarga/ maniobra.	30 min	50 min
Consumo de batería/maniobra.	23 W	23 W
Tiempo de carga completa 100%	54 h	54 h
Capacidad nominal +/- 5%	2200 mA	2200 mA
Configuración NA o NC (*)	Jumper	Jumper
Consumo/una maniobra con batería	15,1 mA	25,7 mA
Carga batería	40 mA/h	40 mA/h
Peso	0,487 Kg	

CONFIGURACIONES	A	B
POSICION PREFERENTE A FALLO DE CORRIENTE	(NC) NORMALMENTE CERRADA	(NA) NORMALMENTE ABIERTA



(*) Configuración NA o NC

Configuración NC

NC- Si deseamos que el actuador, a fallo de corriente CIERRE, es necesario insertar el **jumper 1** en la posición SELDIR.

Configuración NA

NA- Si deseamos que el actuador, a fallo de corriente ABRA, comprobar que en la posición SELDIR, no tenga el **jumper 1** montado.