

## SERVOMOTOR ACTUADOR RÁPIDO SOLOON

Modelo **S8081-05AFK/24V**

ACTUADOR PARA DAMPER

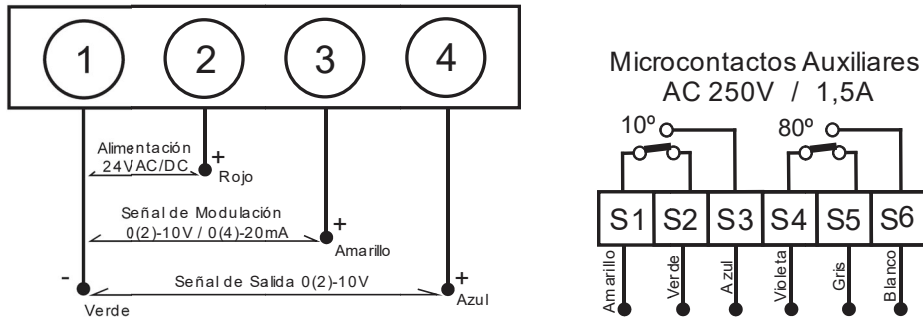
- Para comandar Dampers de Aire o de Gas
- Tiempo de recorrido total menor a 3,5 seg.
- Torque 5Nm
- Alimentación AC/DC 24V
- Control 2 posiciones, máximo y mínimo
- Control Modulante 2-10V / 4-20mA  
(opcional 0-10V / 0-20mA)
- 2 Microcontactos auxiliares de posición
- Inversión de sentido de giro



### Especificaciones Técnicas

Datos Eléctricos	Tensión Nominal	AC/DC 24V
	Rango de Tensión	AC/DC 19,2V....28,8V
	Potencia Consumida	15W con Torque Nominal / 02W Detenido
	Contactos Auxiliares	2 (NA/NC)
	Largo de Cables	1 m
Datos Funcionales	Torque	5 Nm
	Tamaño del Damper	1 m <sup>2</sup>
	Sentido de Giro	Selectivo por medio de clavija
	Accionamiento Manual	Engranaje desacoplado por pulsador y reinicio automático
	Ángulo de Rotación	0-90°/ máximo 93°
	Tiempo de recorrido	2,5 seg a 3,5 seg.
	Nivel de Ruido	52 db
Condiciones de Trabajo	Indicador de Posición	Mecánico
	Clase de Protección	II / III
	Grado de Protección	IP54
	Temperatura Ambiente	-30...+50°C
	Temperatura Almacenado	-40...+70°C
Datos Dimensionales	Test de Humedad	5....95% HR sin condensación
	Diámetro de Eje	Ø12...Ø26,7mm
	Peso	1 Kg

### Diagrama de Conexión



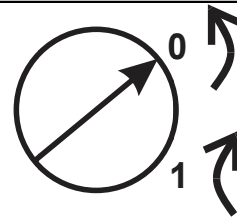
### Microcontactos Auxiliares

Microcontactos		
	Borne	Conexión
10°	S1 – S3	Contacto Abierto
	S1 – S2	Contacto Cerrado
80°	S4 – S6	Contacto Abierto
	S4 – S5	Contacto Cerrado

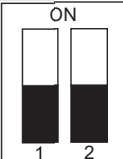





### Inversión del Sentido de Rotación

El giro puede ser cambiado por medio del selector exterior que posee el servomotor, con un destornillador plano, seleccionado entre giro antihorario (0) y horario (1).



### Ajuste de las Clavijas del Selector

Clavijas	Señal de Entrada	Clavijas	Señal de Entrada
	0....10V		0....20mA
	2....10V		4....20mA

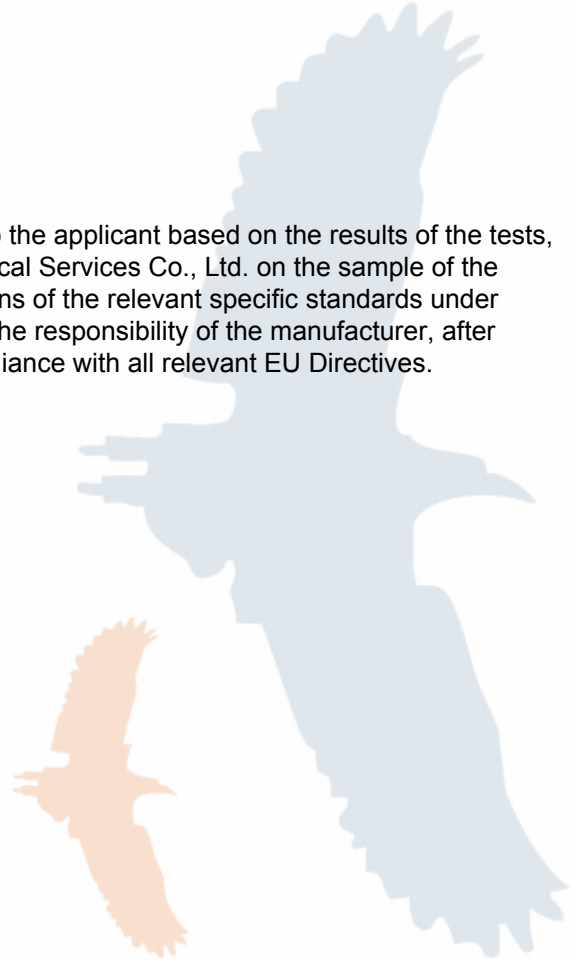
### Precaución

- Este equipo no es apto para operar a la intemperie.
- Solo puede trabajar en las condiciones técnicas detalladas en este folleto.
- No abrir para reparaciones ni cambios de piezas.
- El dispositivo contiene componentes eléctricos y electrónicos, los cuales no deben ser desechados como basura doméstica. Deben observarse todas las normativas y requisitos vigentes localmente.

## VERIFICATION OF COMPLIANCE

Verification No.: SHEM250500356101HSC  
 Applicant: Soloon Controls(Beijing) Co., Ltd.  
 Address of Applicant: No.15 Xingsheng Street, Beijing Economy & Technology Development District, Beijing, China  
 Manufacturer: Soloon Controls(Beijing) Co., Ltd.  
 Address of Manufacturer: No.15 Xingsheng Street, Beijing Economy & Technology Development District, Beijing, China  
 Product Description: Damper Actuator  
 Model No.: Refer to Page 2  
 Test Standards: EN IEC 61326-1: 2021  
 Test Report Number(s): SHEM250500356101

This Verification of EMC Compliance has been granted to the applicant based on the results of the tests, performed by laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on the sample of the above-mentioned product in accordance with the provisions of the relevant specific standards under Directive 2014/30/EU. The CE mark can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.



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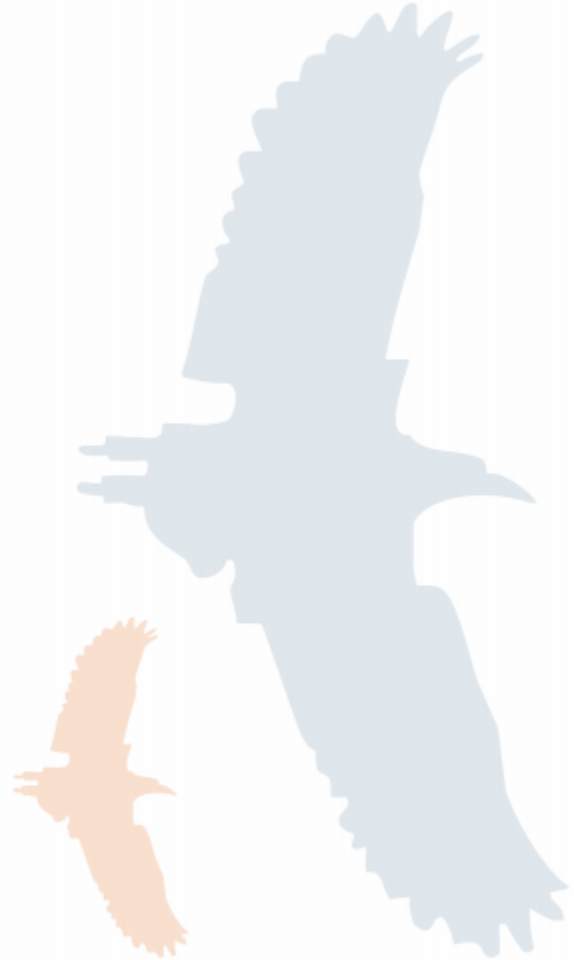
## VERIFICATION OF COMPLIANCE

Attachment to Verification No.: **SHEM250500356101HSC**

Model No.:

S8081-02DN/24V, S8081-02DF/24V, S8081-02DN/24V(J)  
S8081-02DF/24V(J), S8081-05DN/24V, S8081-05DF/24V  
S8081-05DN/24V(J), S8081-05DF/24V(J), S8081-10DN/24V  
S8081-10DF/24V, S8081-10DN/24V(J), S8081-10DF/24V(J)  
S8081-20DN/24V, S8081-20DF/24V, S8081-30DN/24V  
S8081-30DF/24V, S8081-40DN/24V, S8081-40DF/24V

COMPLIANCE



*Parlam Zhan*

Parlam Zhan  
Laboratory Manager

SGS-CSTC Standards Technical Services Co., Ltd.



Date: 2025-06-18

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