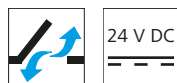


DDS 54



Informações sobre o produto:

- » Indicado para abertura de porta de folha única, até 90°.
- » Motor controlado através de microprocessador.
- » Alta força de pressão devido a estabilização especial da corrente.
- » Saída de controlo para ligação a trinco elétrico (não incluído)
- » Permite a entrada do ar e abertura de saídas de evacuação.
- » Possibilidade de abrir a porta manualmente.
- » Pode ser combinado com bloqueio automático do motor Ikon ou Ehem.
- » Atuador com funções programáveis e diferentes parâmetros.
- » Sistema opcional de proteção ativa e passiva contra esmagamento durante o fecho.
- » Suportes incluídos.

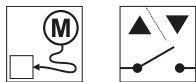
Certificados

Artigo também disponível com as seguintes permissões sob outros números de artigo. Características técnicas podem divergir.



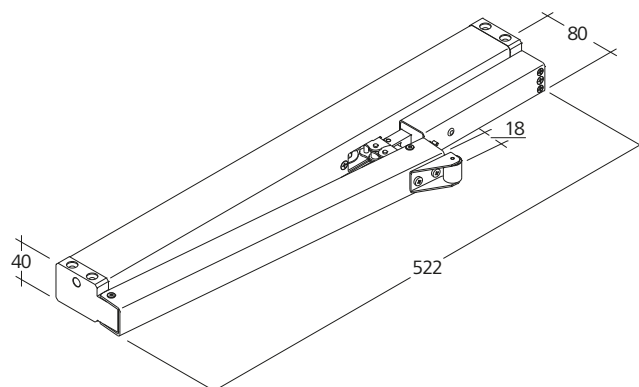
Opcionais

Ver legenda na última página



Dimensões

(mm)



Informação Técnica

	DDS 54
Alimentação	24 V DC / $\pm 15\%$ / 1 A
Seviço	30 % (ON: 3 min. / OFF: 7 min.)
Força compressão	500 N
Força tração	500 N
Ciclos de Cursos	20000 cursos duplos *
Velocidade de Abertura	11.8 mm/s
Velocidade de Fecho	11.8 mm/s
Classe proteção	IP 32
Nível de Pressão Sonora	LpA ≤ 70 dB(A)
Intervalo de temperatura	-5 °C ... +75 °C *
Resistência ao Fogo	B300 (30 min / 300 °C)
Estrutura	Alumínio
Acabamento	Powder-coated
Cor	Cinza Prata (~RAL 9006)
Ligação	2.5 m cabo de silicone
L x H x P	522 x 40 x 80 mm
Peso	2.00 kg

* De acordo com Vds 2580

Design

Tipo	Art. No.	Curso	Observações
DDS 54/500	23.002.40	500 mm	
DDS-PLP	26.500.00	500 mm	Diversas possibilidades



HS "High speed"

In the case of SHEV, the high-speed function is used for reliably reaching the defined end position in 60 s. In daily ventilation mode, the drive runs quietly and quickly, as usual.



Function programming

Option for customised configuring of drive parameters (e.g. stroke) via software and associated service tools for drives equipped with PLP, BSY or BSY+ electronics.



BRV signal

Acknowledgement from the drive, via a control cable, to confirm that it has been completely extended or retracted. When used with the AT 41 and ERM 44 modules, this signal is sent to the central building control system, the modules themselves, or to the locking drive. The BRV signal is not isolated.



ACB (Advanced Communication Bus)

Enables direct bus communication between the controller and the drive for, for example, control with perfect positioning or drive feedback. Communication is via the open source Modbus protocol, and it enables the drive to be combined with an ACB-capable control panel or enables it to be directly connected to higher-level controllers such as a building management system.



BSY+ (synchronisation of drives)

BSY+ enables communication and synchronisation between different components in the window. For example between the chain drives, during synchronous operation, or between window and locking drives (e.g. FRA 11 BSY+ or VLD-BSY+).



SGI signal (position reporting)

In combination with the D+H servo plug-in unit SE 622 or the BSY-gateway BSY-GW-024-010-U, the drives can be controlled with perfect positioning.



SKS (closing edge protection)

Drive option, which enables an anti-trap strip or presence detector to be connected directly to the drive (terminal resistor 5.6 kΩ).



Audible signal (corresponding to protection class)

AS2 corresponding to "Protection class 2" in accordance with ZVEI risk assessment through an audible warning signal in the "CLOSED" running direction. AS3 corresponding to "Protection class 3" in accordance with ZVEI risk assessment, in addition to AS2, stops the drive for 11 s with a remaining stroke of 28 mm.



End position message (OPEN / CLOSED)

Drive feedback via an integrated isolated switching contact. This happens if the chain / rack and pinion has moved completely out or in.



SBD side bow chain

Drive chain with rigid backing, bends in the direction of the hinge. Drive is fixed in place (not rotatable).



SBU side bow chain

Drive chain with rigid backing, bends in the direction of the hinge. Drive is fixed in place (not rotatable).



WS (use in swimming pool)

Available as an option for rack and pinion drives to make them suitable for use in swimming pools. The drive is equipped with an A4 rack and pinion, A4 eyebolt and a gearbox with hardened stainless steel pinion.



W (use outdoors)

Available as an option for rack and pinion drives to make them suitable for outdoor use. The drive is equipped with a pressure release vent (depending on installation), condensation protective coating on the electronics and a gearbox with hardened stainless steel pinion.