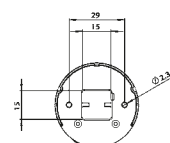
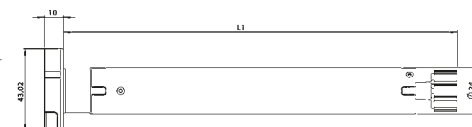




DATENBLATT | LL-SMI-24-24/09NM RB

KURZBESCHREIBUNG

- SMI-Lovoline-Motor für 24VDC
- Zur präzisen Steuerung von Rollos/Screens
- Im Schaltermodus einfacher Betrieb über
- Standard-Taster
- Bidirektionale Kommunikation (SMI-Technologie) zwischen Motor und Motorsteuergerät
- Motorgeschwindigkeit langsamer bei Start / Stopp
- Parallelbetrieb
 - Über den SMI-BUS können bis zu 16 SMI-Motoren parallel geschaltet werden
 - Über den SMI-BUS ist der Betrieb einzelner Motoren möglich
- Synchroner Gleichlauf der Beschattungen
- Obere und untere Endposition elektronisch programmierbar
- Zwischenpositionsspeicher
- Einfache Einstellung der Endlagen mit dem „LL-Progset-ME24/SMI-24“ (Art.-Nr.: 54185735)



TECHNISCHE DATEN

PARAMETER	WERT
Versorgungsspannungsbereich:	22 – 28 VDC
Versorgungsspannung (nominal):	24 VDC
Leistungsaufnahme (Leerlauf):	0,2 W ¹⁾
Leistungsaufnahme (Nennleistung):	6 W ¹⁾
Leistungsaufnahme (maximal):	12 W ¹⁾
Nenndrehmoment:	65 Ncm
Max. Drehmoment	90 Ncm ²⁾
Max. Einschaltdauer:	10 Min. bei Raumtemp. von +25 °C
Drehzahl	30 min ⁻¹
Betriebstemperaturbereich	-10 °C bis +85 °C
Schutzart	20
Anschlussklemme	JST
Länge L1	177mm
Konformität	CE

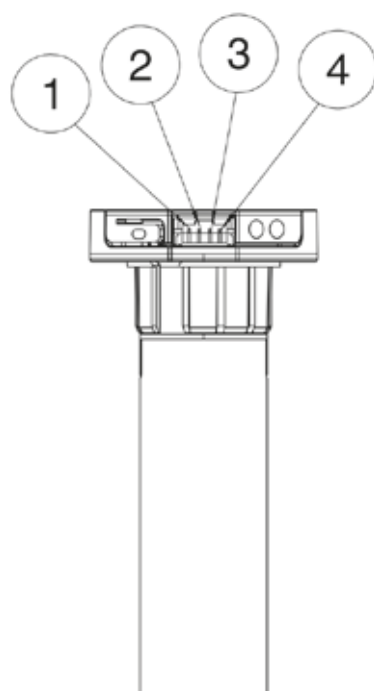
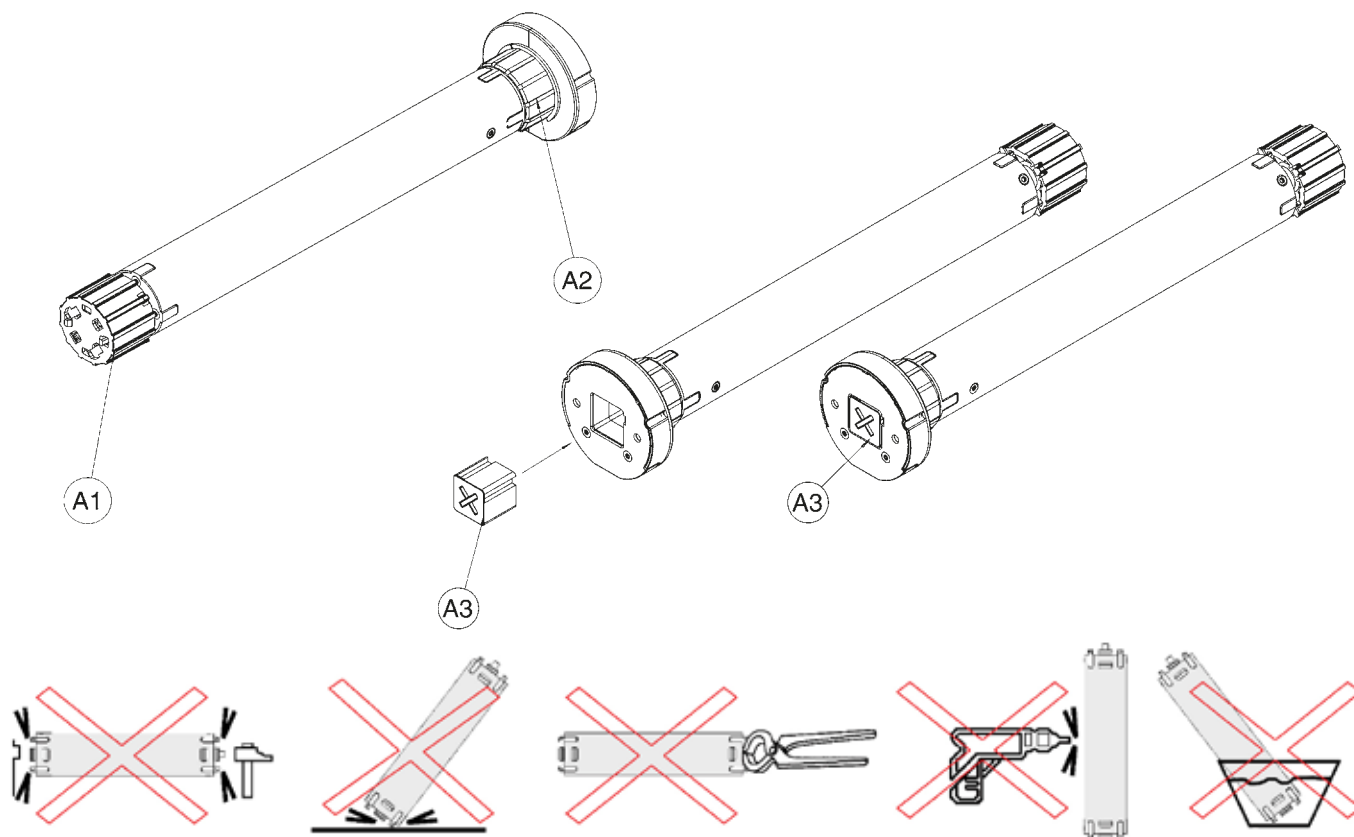
¹⁾ Bei empfohlener Versorgungsspannung

²⁾ Bei einer Drehzahl 23 min⁻¹

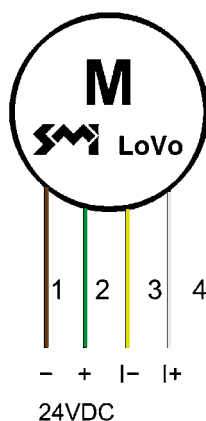


ANSCHLUSSPLAN

MONTAGE DER ADAPTER-SETS

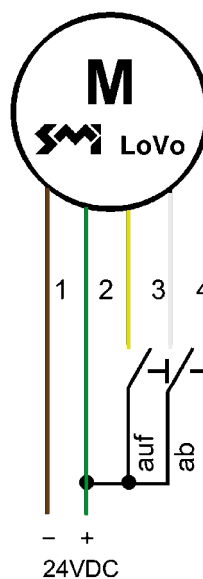


Anschlüsse

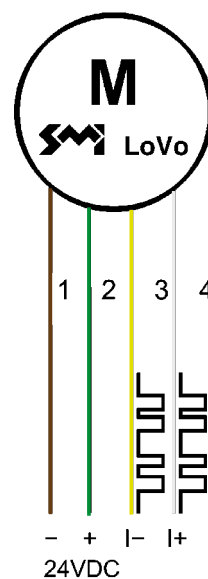


- 1 GND / braun
- 2 24VDC / grün
- 3 SMI-BUS - / gelb
- 4 SMI-BUS + / weiß

Betriebsart Taster



Betriebsart Kommunikation

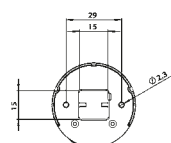
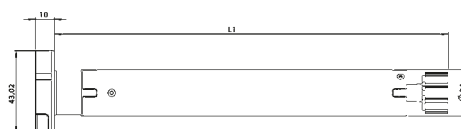




DATA SHEET | LL-SMI-24-24/09NM RB

SHORT DESCRIPTION

- SMI Lovoline motor for 24 VDC
- For precise control of roller shutters/screens
- In switch mode, simple operation via standard buttons
- Bidirectional communication (SMI technology) between motor and control unit
- Motor speed reduced at start/stop
- Parallel operation
 - Up to 16 SMI motors can be connected in parallel via the SMI bus
 - Operation of individual motors possible via the SMI bus
- Synchronous movement of shading systems
- Upper and lower limit positions electronically programmable
- Intermediate position memory
- Easy limit adjustment using the "LL-Progset-ME24/SMI-24" (Art. No.: 54185735)
- Obstacle detection / braking function



TECHNICAL DATA

PARAMETER	VALUE
Supply voltage range:	22 – 28 VDC
Nominal supply voltage:	24 VDC
Rated Power (idle):	0,2 W ¹⁾
Rated Power (nominal):	6 W ¹⁾
Rated Power (maximum):	12 W ¹⁾
Rated Torque:	65 Ncm
Maximum Torque:	90 Ncm ²⁾
Maximum Running time:	10 Min. at ambient temperature of +25 °C
Output speed:	30 min ⁻¹
Operating temperature	-10 °C to +85 °C
Protection degree	20
Connection terminal	JST
Length L1	177mm
Conformity	CE

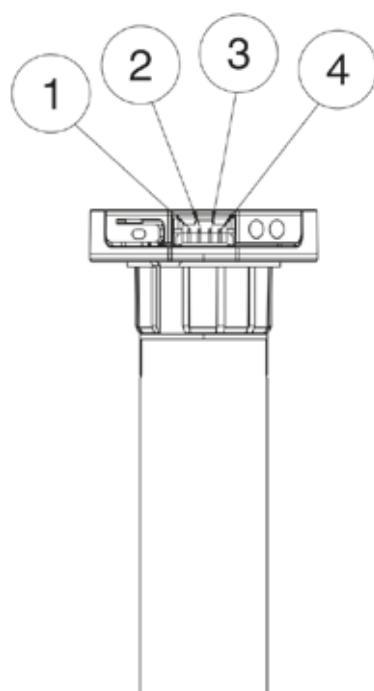
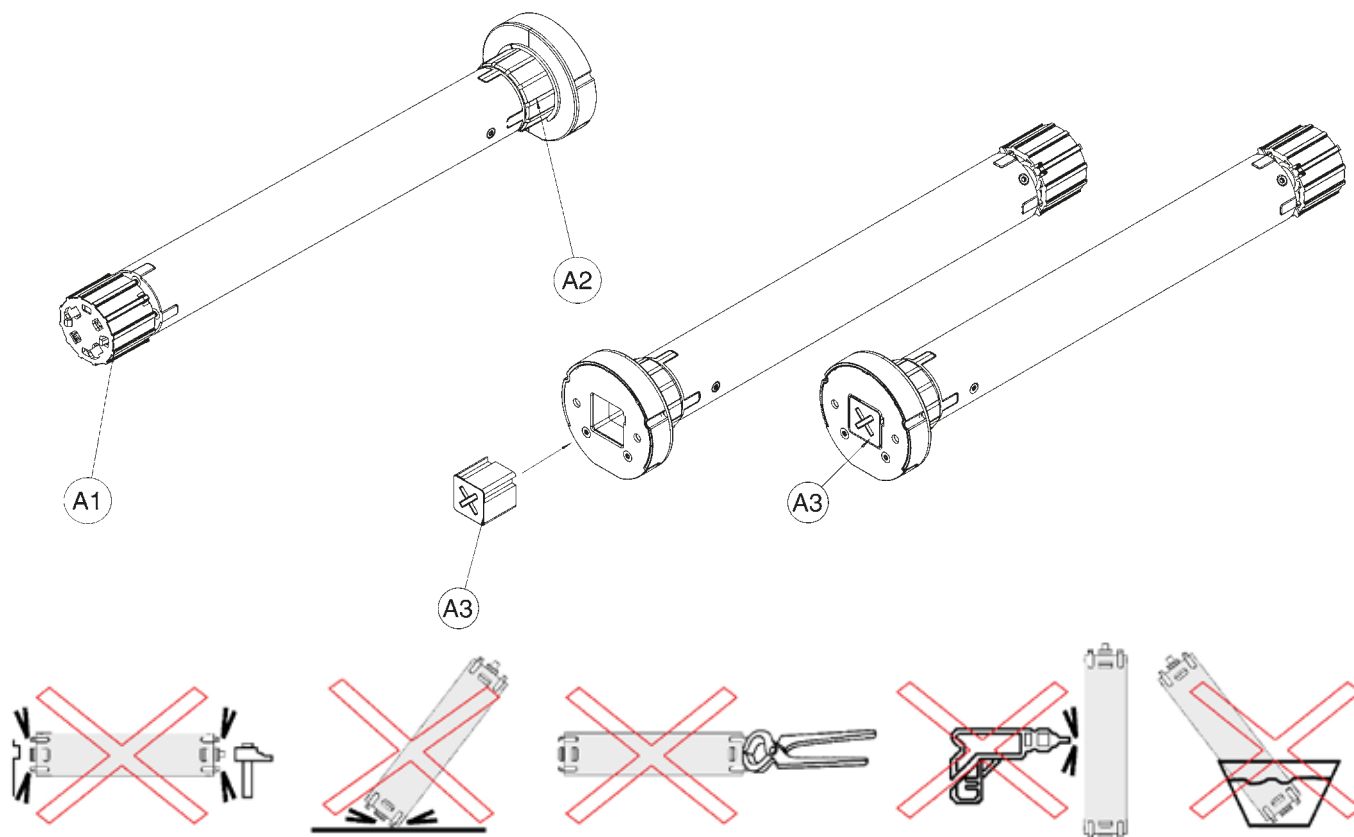
¹⁾ At recommended supply voltage

²⁾ At a speed of 23 min⁻¹

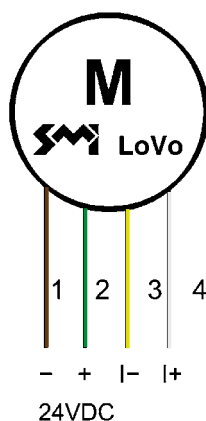


WIRING DIAGRAM

MOUNTING OF THE ADAPTER SETS

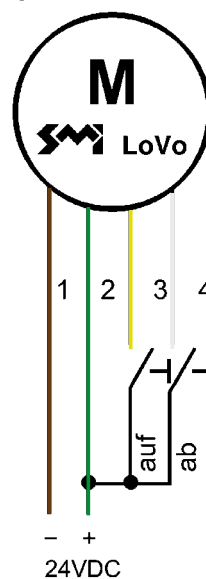


Connections

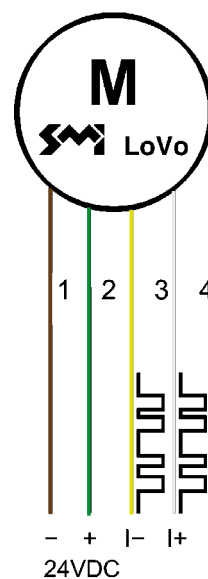


- 1 GND / brown
- 2 24VDC / green
- 3 SMI-BUS - / yellow
- 4 SMI-BUS + / white

Operation mode push button



Operation mode communication

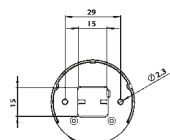
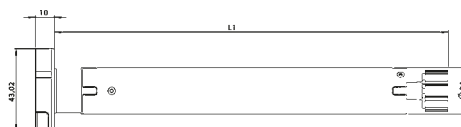




GEGEVENSBLAD | LL-SMI-24-24/09NM RB

KORTE BESCHRIJVING

- SMI-Lovoline-motor voor 24VDC
- Voor nauwkeurige aansturing van rolluiken/screens
- In schakelmotor-modus eenvoudige bediening via standaard drukknop
- Bidirectionele communicatie (SMI-technologie) tussen motor en motorbesturing
- Motorsnelheid langzamer bij start/stop
- Parallelbedrijf
 - Via de SMI-BUS kunnen tot 16 SMI-motoren parallel worden geschakeld
 - Via de SMI-BUS is ook individuele bediening van motoren mogelijk
- Synchrone loop van de zonwering
- Bovenste en onderste eindpositie elektronisch programmeerbaar
- Geheugen voor tussenposities
- Eenvoudige instelling van de eindposities met de „LL-Progset-ME24/SMI-24“ (Art.-Nr.: 54185735)
- Obstakeldetectie / remfunctie



TECHNISCHE GEGEVENS

PARAMETER	WAARDE
Voedingsspanningsbereik:	22 – 28 VDC
Voedingsspanning (nominaal):	24 VDC
Vermogensopname (onbelast):	0,2 W ¹⁾
Vermogensopname (nominaal):	6 W ¹⁾
Vermogensopname (maximaal):	12 W ¹⁾
Nominaal koppel:	65 Ncm
Max. koppel:	90 Ncm ²⁾
Max. inschakelduur:	10 Min. bij omgevingstemperatuur van +25 °C
Toerental:	30 min ⁻¹
Bedrijfstemperatuur	-10 °C tot +85 °C
Beschermingsgraad	20
Aansluitklem	JST
Lengte L1	177mm
Conformiteit	CE

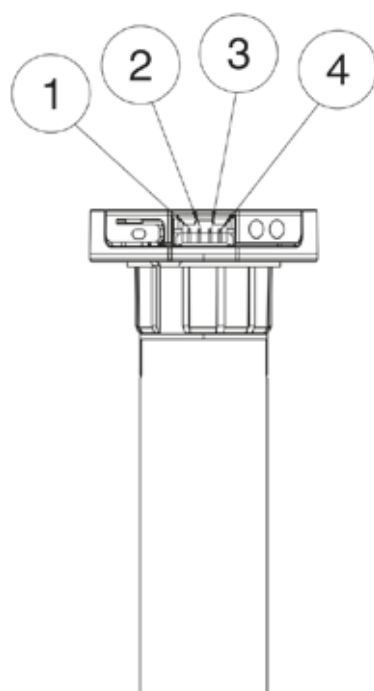
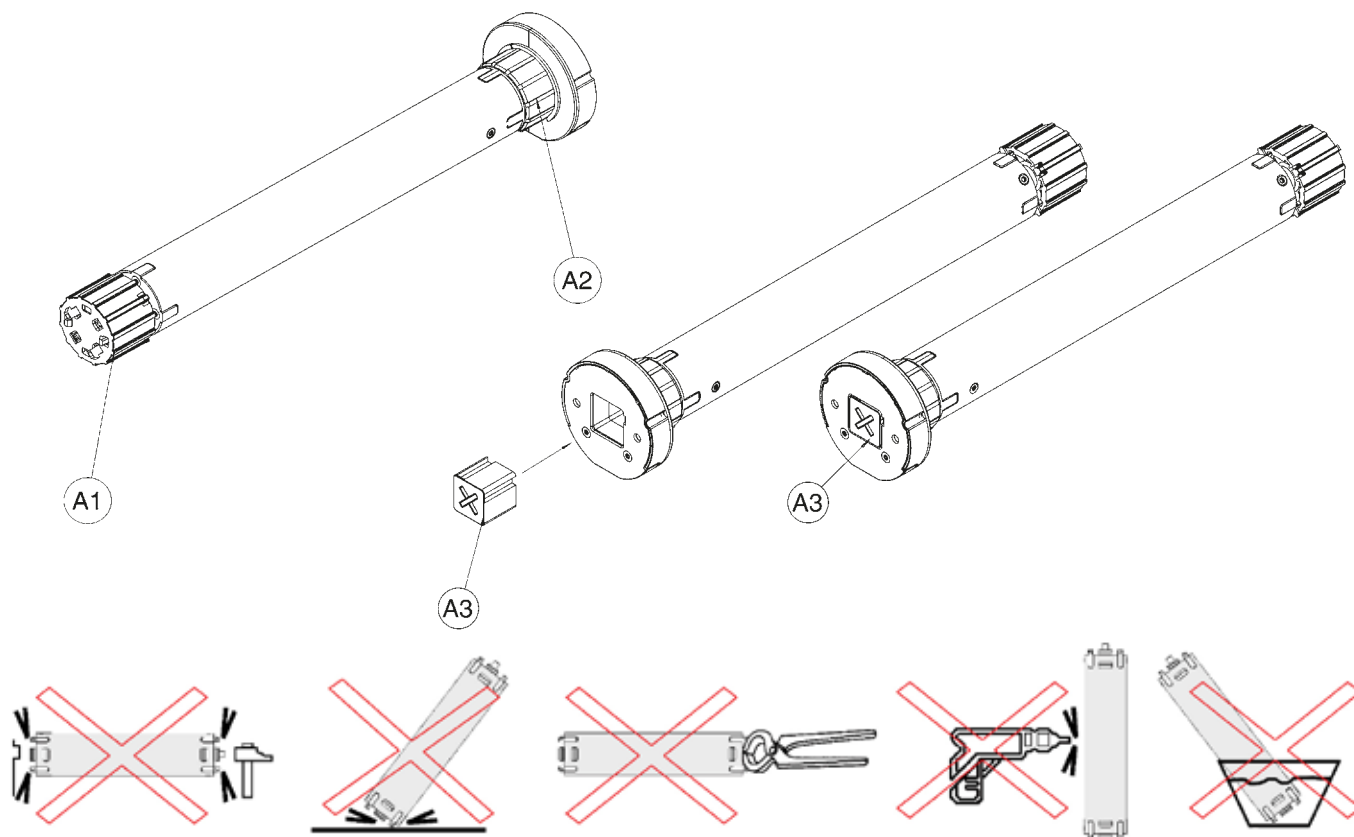
¹⁾ Bij aanbevolen voedingsspanning

²⁾ Bij een toerental van 23 min⁻¹

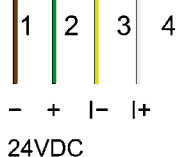
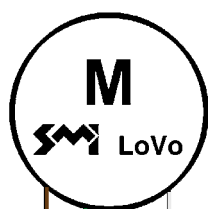


AANSLUITSCHEMA

MONTAGE VAN DE ADAPTERSETS

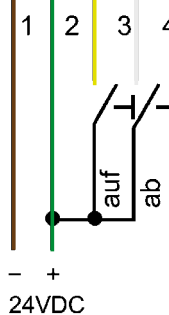
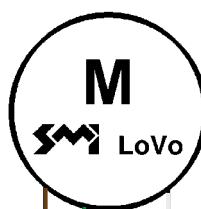


Aansluitingen



- 1 GND / bruin
- 2 24VDC / groen
- 3 SMI-BUS - / geel
- 4 SMI-BUS + / wit

Bedrijfsmodus toets



Bedrijfsmodus communicatie

