OVERVIEW OF LOUVRE DRIVES

Type	Form	Model		Stroke	Force		Speed		Stroke in	Cut-off current	Use			Loca-tion		Functions		
		Type of cut-off	Rated voltage	Range	Pushing force	Pulling force	OPEN	CLOSE	60 s	Max.	Natural ventilation	SHEV	NSHEV	Facade	Roof	Run monitoring	Synchronised run	Sequence control
			[VDC]	[mm]	[N]	[N]	[mm/s]	[mm/s]	[mm]	[A]								
LLA	LLA10	S12	24	60 – 200	1000	1000	4,0	4,0	200	1,0	●	●	●	●		■	●	●
	LLA16			60 – 200	1600	1600				1,2	●	●	●	●		■	●	●

LEGEND

● suitable ■ not recommended

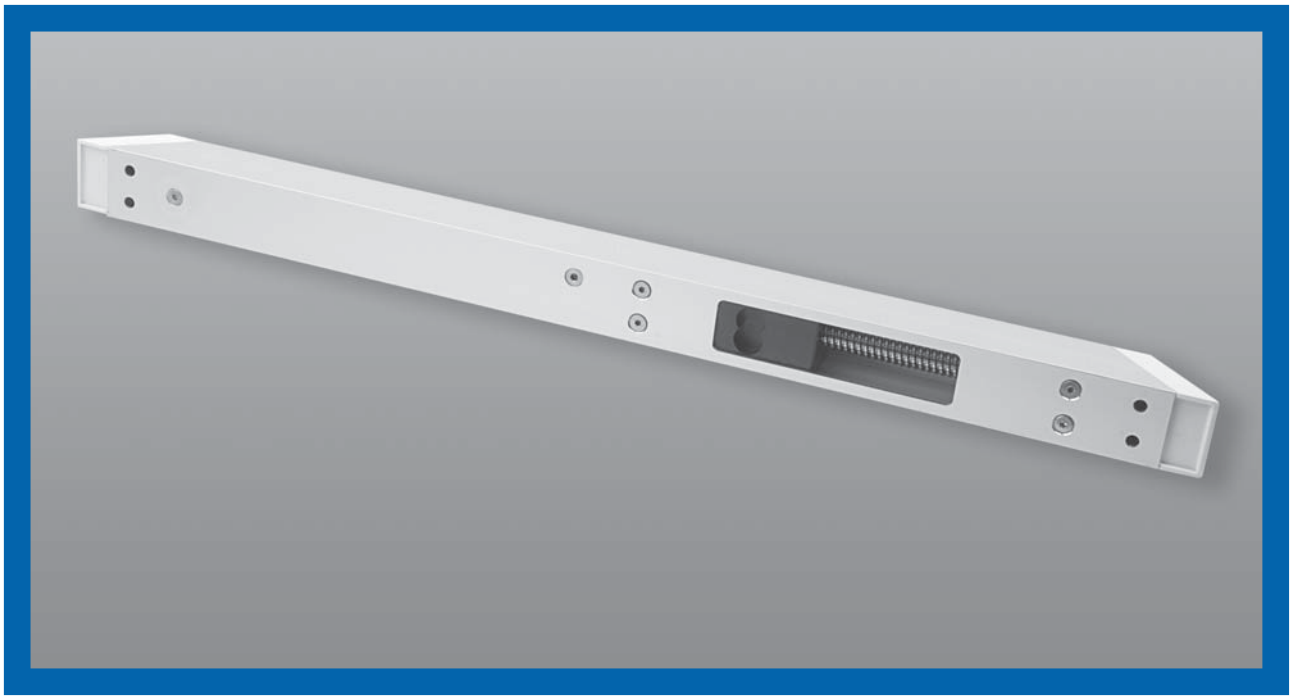
S12 internal intelligent cut-off switch for synchronised run and programmable functions

LLA10 LOUVRE DRIVES

- Model 24V DC, S12
- Pulling/Pushing force 1000 N / 1000 N
- Stroke length 60 – 200 mm
- Speed 4 mm/s
- Housing (WxH) 35 x 35 mm, length depends on stroke
- Coupling adapter PA6 with milled groove (W x L x D): 13,8 x 19 x 8 mm
- Version SOLO
- Protection rating IP40

LLA16 LOUVRE DRIVES

- Model 24V DC, S12
- Pulling/Pushing force 1600 N / 1600 N
- Stroke length 60 – 200 mm
- Speed 4 mm/s
- Housing (WxH) 35 x 35 mm, length depends on stroke
- Coupling adapter PA6 with milled groove (W x L x D): 13,8 x 19 x 8 mm
- Version SOLO
- Protection rating IP40



SPECIAL FEATURES LLA

- For smoke and heat exhausting, natural ventilation and ferralux® NSHEV (EN12101-2)
- DIP-Switches for the selection of the running direction and solo-/synchronised run
- Reed-contakt for the activation of the emergency closing programm functions
- Self learning stroke recognition
- Robust corrosion-resistant design
- Easy installation by concealed holes below the oblique end caps
- Coupling adapter with milling groove Ø13,8 x 9,2 mm
- Programmable parameters of intelligent S12 electronic cut-off switch
  - Synchronised multi-operation and sequence control without add. devices
  - Electronic soft-start, soft-close and soft-stop at end of stroke control
  - Stroke, force, speed
  - Rebate control

Typical applications