

SLH Series Product Overview

Technical Detail	SLH240ES*	SLH240	SLH240/H	SLH239
Opening width - single panel	800 - 2000 mm	800 - 2000 mm	800 - 2000 mm	800 - 2000 mm
Opening width - double panel	1000 - 3000 mm	1000 - 3000 mm	1000 - 3000 mm	1000 - 3000 mm
Max leaf weight, single	1 x 200 Kg	1 x 200 Kg	1 x 500 Kg	1 x 150 Kg
Max leaf weight, double	2 x 150 Kg	2 x 150 Kg	2 x 300 Kg	2 x 100 Kg
Operator height	155 mm	155 mm	155 mm	155 mm
Operator depth	160 mm	160 mm	160 mm	160 mm
Opening speed	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)
Closing speed	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)	Variable up to 1.1m/s (Double leaves)
Hold-open time	0 - 30 s	0 - 30 s	0 - 30 s	0 - 30 s
Ambient temperature	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C
Protection class	IP 20	IP 20	IP 20	IP 20
Track profile	anti-crash Stainless Steel / Aluminium	anti-crash Stainless Steel / Aluminium	anti-crash Stainless Steel / Aluminium	anti-crash Stainless Steel / Aluminium
Anti-noise rubber profile	✓	✓	✓	✓
External protected power supply	✓	✓	✓	✓
Power supply unit	230V/33V,50VA (Peak120VA)	230V/33V,50VA (Peak120VA)	230V/33V,100VA (Peak120VA)	230V/33V,50VA (Peak120VA)
Gear motor power	100 W	100 W	100 W	50 W
Number of motors	2	1	2	1
Number of control units	2	1	1	1
Roller carriages per leaf	2	2	3	2
Dual gear motor and control unit set for master and slave concept	✓	-	-	-

* Escape version

SLH Series Product Overview

Technical Detail	SLH240ES*	SLH240	SLH240/H	SLH239
Max power consumption	250 W	250 W	600 W	200 W
Backup battery for emergency opening	✓	-	-	-
Max operation cycles with 2.2 Ah battery (Optional)	-	≈400	≈400	≈400
Max operation cycles with 7.2 Ah battery (Optional)	-	≈1000	≈1000	≈1000
Possibility to adjust force limitation according to DIN18650 and EN16005	✓	✓	✓	✓
Possibility to use safety sensors with testing signal	✓	✓	✓	✓
Emergency exit routes in both directions	✓	-	-	-
Mechanical key switch (Optional)	✓	✓	✓	✓
24V DC output for external accessories	✓	✓	✓	✓
Power Lock	✓	✓	✓	✓
Electromechanical Lock (Optional)	✓	✓	✓	✓
Lock monitoring	✓	✓	✓	✓
Possibility of using digital programme switch (Optional)	✓	✓	✓	✓
Read-out error memory with error codes (with digital programme switch)	✓	✓	✓	✓
Programmable output (Optional)	✓	✓	✓	✓
Programmable input (Optional)	✓	✓	✓	✓
Possibility of using DMS & DMS+	✓	✓	✓	✓
Max Glass Thickness (mm)	TBS,UTS = 22mm THB=32mm	TBS,UTS = 22mm THB=32mm Saturn=10 mm Frameless= 12mm	TBS,UTS = 22mm THB=32mm Saturn=10 mm Frameless= 12mm	TBS,UTS = 22mm THB=32mm Saturn=10 mm Frameless= 12mm

*Escape version

Standards	SLH240ES*	SLH240	SLH240/H	SLH239
Compliant with German standard DIN 18650	✓	✓	✓	✓
Compliant with EU standard EN 16005	✓	✓	✓	✓
Compliant with EU standard EN 60335	✓	✓	✓	✓
Compliant with EU standard EN ISO 13849-1	✓	✓	✓	✓
Compliant with EU low-voltage directives	✓	✓	✓	✓
Compliant with EU EMC directives	✓	✓	✓	✓
Manufactured according to ISO 9001	✓	✓	✓	✓
TÜV approved	✓	✓	-	✓
CE conformity	✓	✓	✓	✓
Tested for 1.000.000 cycles	✓	✓	✓	✓

*Escape version

Frame Types

THB	✓	✓	✓	✓
TBS	✓	✓	✓	✓
UTS	✓	✓	✓	✓
Saturn	-	✓	✓	✓
Frameless	-	✓	✓	✓