

Primedrive Series Product Overview

Technical Detail	Primedrive/FR [*]	Primedrive240	Primedrive/H	Primedrive239
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 400 Kg	1 x 150 Kg
Max leaf weight, double	2 x 150 Kg	2 x 150 Kg	2 x 250 Kg	2 x 100 Kg
Operator height	100 mm	100 mm	100 mm	100 mm
Operator depth	174 mm	174 mm	174 mm	174 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	Stainless Steel, Aluminum	Stainless Steel, Aluminum	Stainless Steel, Aluminum	Stainless Steel, Aluminum
Anti-noise rubber profile	✓	✓	✓	✓
External protected power supply	✓	✓	✓	✓
Power supply unit	230V / 28V, 120VA	230V/33V,50VA (Peak120VA)	230V / 28V, 240VA	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
Number of roller carriages	2	2	3	2

^{*}Escape version

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Dual gear motor & control unit set for master & slave concept	✓	-	-	-
Max power consumption	250 W	250 W	500 W	200 W
Backup battery for emergency opening	✓	-	-	-
Max operation cycles with 2.2 Ah battery (Optional)	-	≈400	≈400	≈400
Possibility to adjust force limitation according to DIN18650 & 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	✓	✓	✓	✓
Possibility of using 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=22 mm THB=32 mm	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

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Frame Types	Primedrive/FR [*]	Primedrive240	Primedrive/H	Primedrive239
TBS	✓	✓	✓	✓
THB	✓	✓	✓	✓
UTS	✓	✓	✓	✓
Saturn	-	✓	✓	✓
Frameless	-	✓	✓	✓

Standards	Primedrive/FR [*]	Primedrive240	Primedrive/H	Primedrive239
DIN18650	✓	✓	✓	✓
EN16005	✓	✓	✓	✓
EN60335	✓	✓	✓	✓
EN ISO 13849	✓	✓	✓	✓
TÜV approved	✓	✓	-	✓
CE conformity	✓	✓	✓	✓
Tested for 1,000,000 cycles	✓	✓	✓	✓

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