		Range	Glydea Ultra 35e / Glydea Ultra 35e N / Glydea Ultra 35e MIF				
		Technology	DCT	WT	RTS 433	RTS 426	RTS 447
Motor mechanical characteristics	Nominal torque	Nm	0.6				
	Maximum stall torque	Nm	0.7				
	No load speed	rpm	140 / 122.5 / 105 (factory default) / 87.5 / 52.5(silent mode) (1)				
	Nominal speed	rpm	105 (2)				
	Working temperature	°C (°F)	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)				
	Storage temperature	°C (°F)	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)				
	Manual operation		YES				
	Type of limit		Adjustable limits	Limits on hard stop	Adjustable limits	Adjustable limits	Adjustable limits
	Limit switch accuracy	mm	±10				
	Protection index	IP	30				
	Soft stop		YES	NO	YES	YES	YES
	Soft start		YES				
	Noise level (Power)[3]	dB(A)	45.2/ 43.4 / 39.7 / 37.3 / 29.8				
	Noise level (Pressure)[3]	dB(A)	38.35 / 36.23 /33.98 / 30.45 / 25.42				
	Approx. Net weight of the motor	g	1320	1340	1320	1320	1320
Electrical characteristics	Voltage range	Vac	90 to 255				
	Frequency range	Hz	47 to 63				
	Maximum Current	A	0.8 at 120VAC ; 0.4 at 240VAC				
	Stand by power	W	< 1W				
	Power cable type		H05 VVF	H05 VVF	H05 VVF	H05 VVF	H05 VVF
	Power cable number of wire		3	4	3	3	3
	Power cable wire section (Ø)	mm^2	0.75	0.75	0.75	0.75	0.75
	Control connector		RJ12	RJ12 for setup only	RJ12	RJ12	RJ12
	Control method		2 NO or 3 NO dry contact	AC switch (4)	2 NO or 3 NO dry contact	2 NO or 3 NO dry contact	2 NO or 3 NO dry contact
	Dry contact minimum closure time	ms	150	N/A	150	150	150
	Voltage in control line (supplied by the motor)	V	3.3 Vdc				
	Maximum voltage drop in DCT control line	V	1	N/A	1	1	1
	Insulation class		Class I				
	Maximum running time in one direction [5]		2min 30s				
Radio Characteristics	Radio standards		N/A		EN 301 489-3	EN 301 489-3	EN 301 489-3
					EN 300 220-3	EN 300 220-3	EN 300 220-3
					EN 60 730-1	EN 60 730-1	EN 60 730-1
	Radio protocol				Somfy RTS protocol U80	Somfy RTS protocol U80	Somfy RTS protocol U80
	Radio frequency	MHz			433,42 ± 0,1	426 ± 0,001	447 ± 0,001
	Receiver sensitivity	dBm			-106	-108	-108
	Modulation type				ASK type A1 (amplitude modulation)	GFSK	GFSK
	Radio range	m			200 m in free field	200 m in free field	200 m in free field
	Antenna				Integrated	Integrated	Integrated
	Rolling code				16 million codes	16 million codes	16 million codes
	Number of RTS transmitter				12 maximum	12 maximum	12 maximum
Patents Standards	Certifications		MIC: CE / cTUVus /RCM / SASO/KC/SCT/EAC				
			MIF: CE, CCC				
	Patents		Patents pending				

[1] Values given at different speed regulation settings (20 / 17,5 / 15 / 12,5/ 7.5 cm/s)

[2] Maximum speed at nominal torque

[3] Indicative and according to SOMFY measurement standards

[4] Requires mechanical relay type of controller; for other types please contact Somfy. Maximum power cord length should be less than 50m.

[5] Repeatedly operating the motor for extended periods may trigger thermal protection, which will require rest time.

		Range	Glydea Ultra 60e / Glydea Ultra 60e N / Glydea Ultra 60e MIF				
		Technology	DCT	WT	RTS 433	RTS 426	RTS 447
Motor mechanical characteristics	Nominal torque	Nm	1				
	Maximum stall torque	Nm	1.1				
	No load speed	rpm	140 / 122.5 / 105 (factory default) / 87.5 / 52.5(silent mode) (1)				
	Nominal speed	rpm	105 (2)				
	Working temperature	°C (°F)	0°C to +60°C 85%HR at 35°C (+32°F to +140°F 85%HR at 95°F)				
	Storage temperature	°C (°F)	-30°C to +80°C 85%HR at 35°C (-22°F to +176°F 85%HR at 95°F)				
	Manual operation		YES				
	Type of limit		Adjustable limits	Limits on hard stop	Adjustable limits	Adjustable limits	Adjustable limits
	Limit switch accuracy	mm	±10				
	Protection index	IP	30				
	Soft stop		YES	NO	YES	YES	YES
	Soft start		YES				
	Noise level (Power)[3]	dB(A)	45.2/ 43.4 / 39.7 / 37.3 / 29.8				
	Noise level (Pressure)[3]	dB(A)	38.35 / 36.23 /33.98 / 30.45 / 25.42				
	Approx. Net weight of the motor	g	1320	1340	1320	1320	1320
Electrical characteristics	Voltage range	Vac	90 to 255				
	Frequency range	Hz	47 to 63				
	Maximum Current	A	0.8 at 120VAC ; 0.4 at 240VAC				
	Stand by power	W	< 1W				
	Power cable type		H05 VVF	H05 VVF	H05 VVF	H05 VVF	H05 VVF
	Power cable number of wire		3	4	3	3	3
	Power cable wire section (Ø)	mm^2	0.75	0.75	0.75	0.75	0.75
	Control connector		RJ12	RJ12 for setup only	RJ12	RJ12	RJ12
	Control method		2 NO or 3 NO dry contact	AC switch (4)	2 NO or 3 NO dry contact	2 NO or 3 NO dry contact	2 NO or 3 NO dry contact
	Dry contact minimum closure time	ms	150	N/A	150	150	150
	Voltage in control line (supplied by the motor)	V	3.3 Vdc				
	Maximum voltage drop in DCT control line	V	1	N/A	1	1	1
	Insulation class		Class I				
	Maximum running time in one direction [5]		2min 30s				
Radio Characteristics	Radio standards		N/A		EN 301 489-3	EN 301 489-3	EN 301 489-3
					EN 300 220-3	EN 300 220-3	EN 300 220-3
					EN 60 730-1	EN 60 730-1	EN 60 730-1
	Radio protocol				Somfy RTS protocol U80	Somfy RTS protocol U80	Somfy RTS protocol U80
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	Antenna				Integrated	Integrated	Integrated
	Rolling code				16 million codes	16 million codes	16 million codes
	Number of RTS transmitter				12 maximum	12 maximum	12 maximum
Patents Standards	Certifications		MIC: CE / cTUVus /RCM / SASO/KC/SCT/EAC				
			MIF: CE, CCC				
	Patents		Patents pending				

[1] Values given at different speed regulation settings (20 / 17,5 / 15 / 12,5/ 7.5 cm/s)

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