

		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	
	Voltage range	Vac	90 to 255					
	Frequency range	Hz	47 to 63					
	Maximum Current	A	0.8 at 120VAC ; 0.4 at 240VAC					
	Electrical characteristics	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		V	3.3 Vdc					
(supplied by the motor)								
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			
		Patents			MIF: CE, CCC 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						
	Electrical characteristics	Approx. Net weight of the motor	g	1320	1340	1320	1320	1320	
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		V	3.3 Vdc						
(supplied by the motor)									
Maximum voltage drop		V	1	N/A	1	1	1		
in DCT control line									
Insulation class		Class I							
Maximum running time		2min 30s							
in one direction ⁽⁵⁾									
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			433.42 ± 0,1	426 ± 0,001	447 ± 0,001			
	Receiver sensitivity			-106	-108	-108			
	Modulation type			ASK type A1 (amplitude modulation)	GFSK	GFSK			
	Radio range			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			
	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

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

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