





Nominal voltage	AC 24 V (from VR)
Power consumption / For wire sizing	2.5 W / 4.5 VA
Control signal Y	DC 6.0 V ± 4 V (from VR)
Torque at rated voltage	min. 8 Nm
Direction of rotation	L/R (L ← "CLOSE" R ←) (selected with switch)
Running time for > 90° (or 95°)	110150 s
Degree of protection	IP54 (bottom cable entry)
Protection class	(safety extra-low voltage)
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Sound power level	max. 35 dB (A)



Nominal voltage	AC 24 V (from VR)
Power consumption / For wire sizing	2.2 W / 4 VA
Control signal Y	DC 6.0 V ± 4 V (from VR)
Torque at rated voltage	15 Nm
Direction of rotation	A/B (A ← "CLOSE" B ←) (selected with switch)
Running time for > 90° (or 95°)	min. 200 s
Degree of protection	IP54 (bottom cable entry)
Protection class	(safety extra-low voltage)
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Sound power level	max. 45 dB (A)



Nominal voltage	AC 24 V (from VR)
Power consumption / For wire sizing	2.5/1.2 W / 5 VA
Control signal Y	DC 6.0 V ± 4 V (from VR)
Torque at rated voltage	18 Nm
Direction of rotation	L/R (L
Running time for > 90° (or 95°)	min. 150 s
Degree of protection	IP54 (bottom cable entry)
Protection class	(safety extra-low voltage)
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Sound power level	max. 45 dB (A)



AC 24 V (from VR)
3 W / 7 VA
DC 6.0 V ± 4 V (from VR)
30 Nm
A/B (A ← "CLOSE" B ←) (selected with switch)
min. 200 s
IP54 (bottom cable entry)
(safety extra-low voltage)
CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
max. 45 dB (A)



Nominal voltage		AC 24 V (from VR)
Power consumption / For wire sizing		,
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Control signal Y		DC 6.0 V \pm 4 V (from VR)
Torque at rated voltage		min. 4 Nm
Direction of rotation	– motor	L/R (selected with switch)
	 spring return 	L/R (selected by L/R mounting)
Running time for > 90° (or 95°)		motor min. 120 s, spring return ≈ 20 s
Degree of protection / Protection class IP 54 / ((safety extra-low voltage)		
EMC		CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Sound power level		motor max. 35 dB (A), spring ≈ 62 dB(A)
EMC		CE according to 89/336/EEC, 92/31/EEC, 93/68



Nominal voltage		AC 24 V (from VR)
Power consumption / For wire sizing		6 W / 10 VA
Control signal Y		DC 6.0 V ± 4 V (from VR)
Torque at rated voltage		min. 15 Nm
Direction of rotation	– motor	L/R (selected with switch)
	 spring return 	L/R (selected by L/R mounting)
Running time for > 90° (or 95°)		motor min. 150 s, spring return ≈ 16 s
Degree of protection / Protection class IP 54 / ((safety extra-low voltage)		
EMC		CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC
Sound power level		motor max. 45 dB (A), spring ≈ 62 dB(A)