



Roller shutter drives with electronic limit switching

R12-E03a ... R30-E03a



Highlight: Obstacle detection in the DOWN direction with automatic reversing when flexible suspension springs or rigid shaft connectors are used



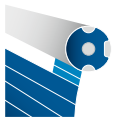
Upper anti-freeze mechanism with automatic shading solution length adjustment that can be additionally activated

E

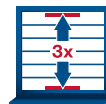
Electronic limit switching



Automatic increase of the pressing force with **anti-lifting devices**



Your advantage: Automatic detection of the limit positions when flexible suspension springs or rigid shaft connectors are used



Intelligent installation management allows for limit position corrections



Limit positions status indicator (LSI) signals missing limit positions



Blockage detection in the UP direction (anti-freeze mechanism)



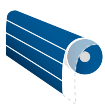
Easy programming of the limit positions with and without fixed stops

Technical data	Item number	Torque (Nm)	Speed (rpm)	Limit switch range (revolutions)	Nominal current (A)	Power consumption (W)	Connecting cable (m)
R12-17-E03a	2010 120 162 0	12	17	64	0.50	120	3
R20-17-E03a	2020 120 131 0	20	17	64	0.7	160	3
R30-17-E03a	2030 120 131 0	30	17	64	0.95	210	3

Rated voltage: 240 V/AC/50 Hz **Operating mode:** S2 4 min **Degree of protection:** IP44



Setting of limit positions via conventional operating element, e. g. rotary switch



Motor head can be overwrapped



Supports parallel connection without isolating relay



Soft upper stop



Dynamic torque adjustment to changes in the roller shutter element



DRIVES

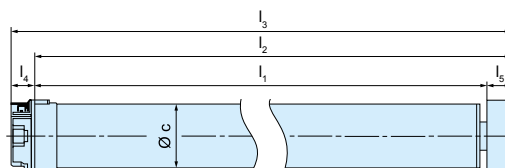
CONTROL UNITS

ELECTRICAL ACCESSORIES

MECHANICAL ACCESSORIES

APPENDIX

Dimensions (in mm)	l_1	l_2	l_3	l_4	l_5	dia. c
R12-17-E03a	476,5	516,5 ²	532,5 ²	16	40 ²	45
R20-17-E03a	505,5	545,5 ²	561,5 ²	16	40 ²	45
R30-17-E03a	530,5	570,5 ²	586,5 ²	16	40 ²	45



¹ Drive adapter width of O-S40 (4930 200 250 0) page 103; selection of a different drive adapter will change dimensions l_2 , l_3 and l_5

² Drive adapter width of S60L (4930 300 466 0) page 92; selection of a different drive adapter will change dimensions l_2 , l_3 and l_5



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