

	Page
SAFETY GUIDE	2
TECHNICAL FILE (Facsimile)	7
INFORMATION FOR THE INSTALLER (Troubleshooting table)	24
EC SERIES ELECTRONIC CONTROL UNITS	26
ES SERIES ACTUATORS FOR SLIDING GATES	33
EA SERIES ACTUATOR FOR SWING GATES	49
ZA SERIES ACTUATORS WITH ARTICULATED ARM FOR SWING GATES	52
ZI SERIES UNDERGROUND ACTUATORS FOR SWING GATES	55
INSTALLATION OF MECHANICAL GATE STOPS (Electric lock type ZD04, locking latch type ZD06, "Electric lock" swiveling dead bolt for door and gates ZD14)	59
EB SERIES ACTUATORS FOR HORIZONTALLY PIVOTED COUNTERWEIGHTED DOORS	62
ZN SERIES ACTUATORS FOR SECTIONAL AND HORIZONTALLY PIVOTED COUNTERWEIGHTED OR SPRING DOORS	69
ZBR SERIES AUTOMATIC BARRIERS	84
MOBILE BARRIER SUPPORT TYPE ZBRM	89
ZBN SERIE AUTOMATIC ROAD BARRIER	90
ZP SERIES GEARMOTORS FOR SHUTTERS	95
CONTROL UNIT FOR SHUTTERS TYPE ZPC1	100
ADDITIONAL ELECTRONIC CONTROL UNIT FOR ROLLING SHUTTERS TYPE ZPC2	102
ARMOUR PLATED METAL CASE FOR SHUTTERS TYPE ZPB1	104
ZV SERIES GEARMOTORS FOR BLINDS AND SUN AWNINGS	105
CONTROL UNIT FOR BLINDS TYPE ZVC1	107
1-CHANNEL OR 4-CHANNEL RADIO MODULES WITH OR WITHOUT RECEIVER	110
4-CHANNEL ROLLING-CODE RECEIVER TYPE ECR1	112
EL SERIES FLASHING LIGHTS	116
EL SERIES AERIALS	116
ET SERIES RADIO CONTROLS	117
ETR1, 4-CHANNEL ROLLING CODE RADIO CONTROL	118
EF SERIES PHOTOCELLS	119
ED SERIES KEY SWITCHES	125
KEYBOARD FOR CONTROL UNIT (500 USERS) TYPE ZD08	128
CONTROL UNIT FOR 250 USERS TYPE ZD12/C	134
MAGNETIC KEY SWITCH TYPE ZD12 AND CODED KEY TYPE ZD13	135
PROXIMITY READER TYPE ZD16, PASSIVE TRANSPONDER TYPE ZD17 AND BADGE PROXIMITY TYPE ZD18	136
MAGNETIC MASS DETECTOR TYPE ZR01 AND MAGNETIC LOOP TYPE ZRS1	137
TRAFFIC LIGHT TYPE ZSEM	140
SERIES EKF PHOTOVOLTAIC KIT FOR ELVOX OPENERS	141
ZX SERIES TRIMS	142
INSTALLATION DIAGRAMS	144
WIRING DIAGRAMS	166