

















# Spare parts catalogue

Compact tripod turnstiles.....	3
TTR-04.1.....	3
TTR-04CW.....	10
TTR-07.1.....	12
TTR-10A.....	14
TTR-08A.....	16
T-5.....	18
Box tripod turnstiles.....	20
TTD-03.1 and TTD-03.2.....	20
TB-01.1.....	25
TB-01.1A.....	29
TBC-01.1.....	31
TBC-01.1A.....	35
TTD-08A.....	36
TTD-10A.....	40
Speed gates.....	43
ST-01. STD-01 Central section.....	43
ST-02. STD-02 Central section.....	44
Rotor turnstiles / Waist-high / RTD-03.....	45
Rotor turnstiles / Full height.....	50
RTD-15.....	50
RTD-15.1.....	57
RTD-15.2.....	58
RTD-16.1.....	60
RTD-16.2S.....	62
RTD-20.1.....	63
RTD-20.2S.....	64

Swing gates.....	65
WMD-04, WMD-05.....	65
WMD-06.....	75
WHD-04.....	76
WHD-05.....	82
IP-Stiles.....	84
KT-02.3.....	90
KT-02.7M.....	94
KT-08.3A.....	95
KT-05.4.....	98
KT-05.4A.....	101
Card reader IRP01.2.....	105
Card capture readers.....	106
IC-02.1.....	106
IC-03.1.....	107
IC-05.....	108

View	Designation	IC Article
	Motor TTR-07.371.00	P-I-TT-083
	Motor TTR-07.371.00 (image of contacts)	
	Lock TTR-04.116.00	P-I-TT-044
	Lock TTR-04.116.00	
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379

View	Designation	1C Article
	Microchip TCST-2103	KE-E-D-024
	Microchip TCST-2103 / Resistor MR 0.5 W, 330 Ohm $\pm 5\%$	KE-E-D-024 / KE-E-R-P-292
	Stop spring	KE-W-047
	Pusher TTR-04.1-1.138.00-01	P-UN-026
	Drive key TTR-04.141-08	D-I-TT-192

View	Designation	1C Article
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Resetting mechanism TTR-04.1-1.100.00-04	
	Resetting mechanism TTR-04.1-1.100.00-04	SR-057
	Resetting mechanism TTR-04.1-1.100.00-04	




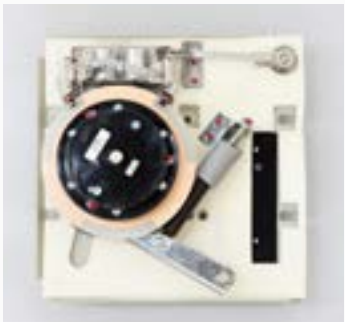

View	Designation	IC Article
	Control mechanism TTR-06.140	P-I-TD-003
	Control mechanism TTR-06.140	
	TTR barrier arm (stainless steel)	G-I-PS-008






View	Designation	1C Article
	TTR "Anti-panic" barrier arm (stainless steel)	
	TTR "Anti-panic" barrier arm (stainless steel) Mechanism	G-I-PS-007

View	Designation	1C Article
	Control logic board CLB.100.00	P-I-TT-040
	Indication board TTR-04.545.00	P-I-TT-203
	Remote control panel H-6/4	GP-PU-008
	Frame TTR-04.701(02)	D-I-TT-035
	Glass TTR-04.004	D-I-TT-064







View	Designation	1C Article
	Sealer TTR-04.003	D-I-TT-051
	Damper device DL7.2.000.00	P-UN-021

View	Designation	1C Article
	Indication board TTR-04.545.00-01	P-I-TT-206
	Remote control panel H-6/4	GP-PU-008
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Resetting mechanism TTR-04W-1.100.00-02	SR-058
	Transport packaging _TARA.210.00_ for resetting mechanism TTR-04W-1.100.00-02	BX-WD-116






View	Designation	IC Article
	Control logic board CLB.100.00	P-I-TT-040
	Indication board TTR-04.530.00-01	P-I-TT-078
	Control mechanism TTR-06.140	P-I-TD-003
	Control mechanism TTR-06.140	
	Lock TTR-04.116.00	P-I-TT-044

View	Designation	1C Article
	Adhesive indication plate TTR-04	D-I-TT-143
	Remote control panel H-6/4	GP-PU-008
	Frame TTR-04.701(02)	D-I-TT-035
	Glass TTR-04.004	D-I-TT-064
	Indication board TTR-04.545.00	P-I-TT-203
	Control logic board CLB.140.00	P-I-TT-099





View	Designation	1C Article
 A photograph of an electric motors assembly, showing two cylindrical motor units mounted on a metal base with electrical wiring.	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
 A photograph of a flywheel assembly, featuring a black flywheel mounted on a central shaft, supported by three vertical metal legs.	Flywheel assembly TTR-07.307.00-03	P-I-TT-148

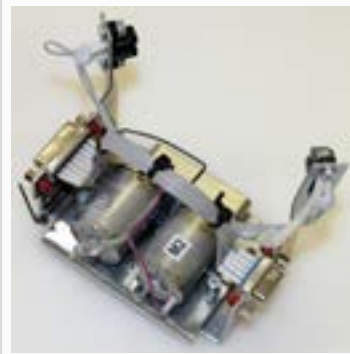



View	Designation	IC Article
 A small green printed circuit board (PCB) with a white cable attached to it. The PCB has two black components, likely sensors or LEDs, and a small white connector at the end of the cable.	Optic sensor WMD-06.020.00	P-I-WM-033
 A black plastic flywheel assembly with three long, thin, silver-colored metal legs extending downwards. The top part is a circular black plastic housing.	Flywheel assembly TTR-07.307.00-03	P-I-TT-148
 A circular, silver-colored metal motor with a black cable attached to it. The cable has a green connector with three colored wires (red, yellow, blue).	Motor LD-100DZ-0001	KE-U-173
 A cylindrical silver-colored metal electromagnet with a black cable attached to it. The cable is coiled into a loop.	Electromagnet MTT-2551 (SH-T2551L) 6V	KE-U-175

View	Designation	1C Article
	Cover indication board TTD-10A.710.00	P-I-TD-177
	Interface board TTR-10.710.00	P-I-TT-214
	Interface board TTR-10.720.00	P-I-TT-218
	Position sensor board TTR-10.740.00	P-I-TT-222






View	Designation	IC Article
	Mechanism TTR-08.645.00	P-I-TT-143
	Flywheel assembly TTR-07.307.00-03	P-I-TT-148
	Control logic board CLB.100.00.140.00-01	P-I-TT-146
	Electromagnet assembly TTR-07.657.00	P-I-TT-094
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151













View	Designation	1C Article
 A circular black damper device with a central hub and six mounting points around the perimeter. A small white label with 'CTR' is visible on the top.	Damper device DL7.2.000.00	P-UN-021
 A circular orange rotation sensor disc with a central hole and three white segments around the perimeter.	Rotation sensor disc TTR-07.400.10	D-I-TT-261
 A small white plastic unit with a blue cable and a green connector, and a long thin metal wire extending from the bottom.	Resetting sensors unit TTR-07.360.00	P-I-TT-082
 A cylindrical silver motor with a black terminal block on the side.	Motor TTR-07.371.00	P-I-TT-083







View	Designation	IC Article
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Control mechanism TTR-06.140	P-I-TD-003
	Control mechanism TTR-06.140	
	Control logic board CLB.100.00	P-I-TT-040
	Remote control panel H-6/4	GP-PU-008




View	Designation	IC Article
	Motor TTR-07.371.00	P-I-TT-083
	Resetting mechanism T-05	SR-072
	Green LED SKIH 10022	KE-E-V-D-098
	Red LED SKIH 10022	KE-E-V-D-103
	Damper device DL7.2.000.00	P-UN-021

View	Designation	1C Article
	Motor TTR-07	P-I-TT-083
	Motor TTR-07 (image of contacts)	
	Indication cable TTD-03.1.950.00	P-I-TD-021
	Turnstile cable TTD-03.1.930.00	P-I-TD-020
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379

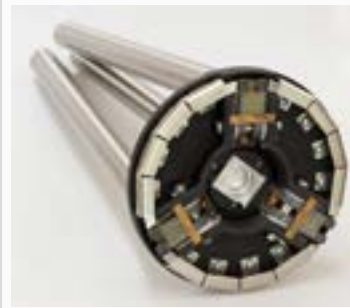



View	Designation	1C Article
	Control mechanism TTR-06.140-01	P-I-TD-010
	Control mechanism TTR-06.140-01 (rear view)	
	Microchip TCST-2103	KE-E-D-024
	Microchip TCST-2103 / Resistor MR 0.5 W, 330 Ohm $\pm 5\%$	KE-E-D-024 / KE-E-R-P-292
	Control logic board CLB.100.00	P-I-TT-040

View	Designation	IC Article
	Indication board TTD-03.1.851.00-01	P-I-TD-102
	Indication block TTD-03.1.065.00	SR-068
	Stop spring	KE-W-047
	Remote control panel H6/4	GP-PU-008
	Resistor MR-05VT - 330 OM $\pm 5\%$	KE-E-R-P-292



View	Designation	1C Article
	Pusher TTR-04.1-1.138.00-0	P-UN-026
	Rotation unit TTD-03.1-1.140.00	P-I-TD-080
	Rotation unit TTD-03.1-1.140.00 top view	
	Rotation unit TTD-03.1-1.140.00	
	Drive key TTR-04.141-08	D-I-TT-192
	Damper device DL7.2.000.00	P-UN-021



View	Designation	1C Article
	Indication block TTD-03.2.016.00	SR-016
	Indication block TTD-03.2.016.00 (bottom view)	SR-016
	Lock 564N (N506-12 Armstrong, EVG105C)	KE-U-020











View	Designation	1C Article
	Rotation unit TB-01A.030.00	P-I-TD-072
	Flywheel assembly TTR-07.307.00	P-I-TT-110
	Rotation unit TTD-03.1-1.140.00	P-I-TD-080
	Rotation unit TTD-03.1-1.140.00 top view	
	Rotation unit TTD-03.1-1.140.00	
	Damper device DL7.2.000.00	P-UN-021

View	Designation	1C Article
	Lock 564N (N506-12 Armstrong, EVG105C)	KE-U-020
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379
	Control mechanism TTR-06.140-01C6	P-I-TD-010
	Control mechanism TTR-06.140-01C6 (rear view)	
	Microchip TCST-2103	KE-E-D-024

View	Designation	IC Article
	Motor TTR-07.371.00	P-I-TT-083
	Motor TTR-07.371.00 (image of contacts)	
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Cover TBC-01.159.00	P-I-TD-157

View	Designation	1C Article
 A photograph of a card reader module. It consists of a green printed circuit board (PCB) with various electronic components, including a white card slot and a small antenna. The PCB is mounted on a white plastic housing. A white cable is connected to the back of the module.	Card reader TBC-01.700.00-01	SR-074
 A photograph of a remote control panel. It is a rectangular, light-colored metal or plastic enclosure with three buttons on the front: a green button on the left, a red button in the center, and a green button on the right. A white cable is connected to the top of the panel.	Remote control panel H6/4	GP-PU-008





View	Designation	1C Article
	Control logic board CLB.140.00	P-I-TT-099
	Lock 505 (C505-16 Armstrong)	KE-U-017
	Rotation unit TB-01A.030.00	P-I-TD-072
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
	Resetting sensors unit TTR-07.360.00	P-I-TT-082



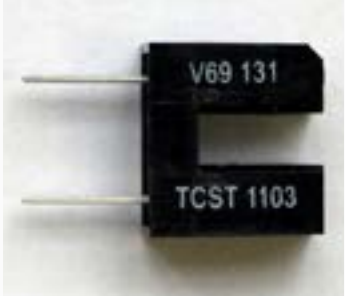

View	Designation	IC Article
 A black L-shaped microchip with two gold pins on the left. The top part is labeled 'V69 131' and the bottom part is labeled 'TCST 1103'.	Microchip TCST-1103	KE-E-D-230
 A cylindrical metal component with a red wire loop around it and a small label on the side.	Electromagnet assembly TB-01A.037.00	P-I-TD-075
 A black plastic component with three long, thin metal legs extending downwards.	Flywheel assembly TB-01A.050.00-01	P-I-TD-081






View	Designation	1C Article
	Rotation unit TTD-03.1-1.140.00	P-I-TD-080
	Rotation unit TTD-03.1-1.140.00 top view	
	Rotation unit TTD-03.1-1.140.00	
	Lock 564N (N506-12 Armstrong, EVG 105C)	KE-U-020
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379
	Control mechanism TTR-06.140-01	P-I-TD-010
	Control mechanism TTR-06.140-01 (rear view)	

View	Designation	IC Article
	Microchip TCST-2103	KE-E-D-024
	Electromagnet KTC01.840.00	P-S-20-099
	Card-capture reader board PA-450.800.00-02	P-S-20-103
	Motor TTR-07.371.00	P-I-TT-083
	Motor TTR-07.371.00 (image of contacts)	








View	Designation	IC Article
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Control logic board CLB.100.00	P-I-TT-040
	Damper device DL7.2.000.00	P-UN-021
	Cover TBC-01.159.00	P-I-TD-157
	Card reader TBC-01.700.00-01	SR-074
	Remote control panel H-6/4	GP-PU-008

View	Designation	IC Article
	Optic sensor KTC01.810.00	P-I-TD-039
	Optic sensor KTC01.810.00-01	P-I-TD-051
	Optic sensor KTC01.810.00-02	P-I-TD-052
	Optic sensor KTC01.830.00	P-I-TD-040
	Microchip TCST-1103	KE-E-D-230
	Lock 505 (C505-16 Armstrong)	KE-U-017
	Spring IC-02.322.02	D-S-20-177







View	Designation	1C Article
	Rotation unit TB-01A.030.00	P-I-TD-072
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081
	Rotation sensor disc TTR-07.400.10	D-I-TT-261
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
	Electromagnet assembly TB-01A.037.00	P-I-TD-075
	Control logic board CLB.140.00	P-I-TT-099
	Card-capture reader mechanism KTC01.090.00 (KTC01.3)	SR-044

View	Designation	1C Article
	Control logic board CLB.100.00.140.00-01	P-I-TT-146
	Rotation unit TTD-08A.060.00	P-I-TD-204
	Electric motors assembly TTR-07.380.00-04	P-I-TT-159
	Resetting sensors unit TTR-07.360.00-01	P-I-TT-161
	Damper device DL7.2.000.00	P-UN-021
	Rotation sensor disc TTR-07.400.10	D-I-TT-261







View	Designation	1C Article
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081
	Power cable TTD-08A.760.00	P-I-TD-108
	Control cable TTD-08A.761.00	P-I-TD-109
	Indication cable TTD-08A.650.00	P-I-TD-118
	Cover TTD-08A.150.00	P-I-TD-125

View	Designation	IC Article
	Indication board TTD-08A.710.00-02	P-I-TD-151
	Cover TTD-08A.150.00-01	P-I-TD-126
	Indication board TTD-08A.710.00-03	P-I-TD-155
	Remote control panel H6/4	GP-PU-008
	Rotation unit TTD-08A.060.00	P-I-TD-204
	Pusher TTR-07.645.22	D-I-TT-360







View	Designation	1C Article
 A cylindrical silver motor with a black connector on the side.	Motor TTR-07.371.00	P-I-TT-083
 A black microchip component with two pins and markings "V69 131" and "TCST 1103".	Microchip TCST-1103	KE-E-D-230
 A cylindrical silver electromagnet assembly with two blue wires extending from the bottom.	Electromagnet assembly TB-01A.037.00-01	P-I-TD-127

View	Designation	1C Article
	Cylindrical lock	KE-U-163
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081
	Cover indication board TTD-10A.710.00	P-I-TD-177
	Remote control panel H6/4	GP-PU-008
	Rotation unit TTD-08A.060.00	P-I-TD-204
	Damper device DL7.2.000.00	P-UN-021














View	Designation	1C Article
	Rotation sensor disc TTR-07.400.10	D-I-TT-261
	Spring TTR-07.240.09	D-I-TT-258
	TTR-07.400.25	D-I-TT-308
	Spring TTR-07.645.13-01	D-I-TT-402
	Pusher TTR-07.645.22	D-I-TT-360
	Electric motors assembly TTR-07.380.00-04	P-I-TT-159

View	Designation	IC Article
 A cylindrical silver motor with a black connector on the right side.	Motor TTR-07.371.00	P-I-TT-083
 A white plastic unit with two green connectors and a white cable.	Resetting sensors unit TTR-07.360.00-01	P-I-TT-161
 A black microchip with two pins and the text "V69 131" and "TCST 1103" printed on it.	Microchip TCST-1103	KE-E-D-230
 A cylindrical silver electromagnet assembly with two blue wires extending from the bottom.	Electromagnet assembly TB-01A.037.00-01	P-I-TD-127

View	Designation	IC Article
	Gearmotor ST-01.039.00	P-I-ST-102
	Senders board ST-01.711.00	P-I-ST-130
	Receivers board ST-01.706.00	P-I-ST-118
	Electromagnet ST-01.038.00	P-I-ST-048
	Optic sensor WMD-06.020.00	P-I-WM-033
	Electric drive board ST-01.761.00	P-I-ST-090
	Control board ST-01.771.00	P-I-ST-094

View	Designation	IC Article
	Senders board ST-02-30.710.00	P-I-S2-006
	Senders board ST-02-30.705.00	P-I-S2-017
	Control board ST-01.771.00-01	P-I-ST-100
	Electric drive board ST-02-30.761.00	P-I-S2-028
	Sensors unit ST-02-30.260.00	P-I-S2-058





View	Designation	1C Article
	Plug RTD-03.150.20	P-TR-R3-047
	Glass holder 7441	KE-W-110
	Power cable RTD-03.910.00	P-I-RT-039
	Control cable RTD-03.920.00	P-I-RT-038
	Indication patch cable RTD-03.960.00	P-I-RT-044

View	Designation	IC Article
	Power patch cable RTD-03.940.00	P-I-RT-041
	Allen key 5	IN-SR-167
	Rotation sensor disc WMD-04.191.0 (bottom view)	D-I-M4-021
	Microchip TCST-1103	KE-E-D-230
	Processor module RTD-03.710.00-01	P-S-BU-021
	Processor module RTD-03.730.00-01	P-S-BU-025







View	Designation	1C Article
	Processor module RTD-03.770.00-01	P-S-BU-042
	Power module board RTD-03.820.00	P-I-RT-078
	Power module board RTD-03.820.00-01	P-I-RT-095
	Gearmotor PTD-03.190.00	P-I-RT-097
	Stopper knot drive RTD-03.980.00	P-I-RT-048
	Remote control panel H6/4	GP-PU-008







View	Designation	1C Article
	Flange RTD-03.137.01	D-I-R3-127
	Flange RTD-03.137.01 (side view)	
	Drive key RTD-03.2.150.05	D-I-R3-101
	Drive key RTD-03.2.150.05-01	D-I-R3-100
	Electromagnet MTT-2551LAA-DC24V-57,6	KE-U-105
	Power supply module BU01.000.022	P-S-BU-002















View	Designation	1C Article
	Processor module RTD-03.776.00 (RTD-03)	P-S-BU-077
	Optic sensor RTD-03.990.00	P-I-RT-047
	Optic sensor RTD-03.995.00-01	P-I-RT-076
	Lock 505 (C505-16 Armstrong)	KE-U-017

View	Designation	IC Article
	DIN rail	Composite
	Top channel RTD-15 with cover	Composite
	Top channel RTD-15.1	Composite
	Indication block RTD-16.1.270.00-01	P-I-RT-213
	Control Unit RTD-15.700.00-04	GP-BU-021
	Control Unit RTD-16.1.700.00	GP-BU-030
	Filler RTD-15.155.04	D-I-R5-004




View	Designation	1C Article
	Filler RTD-15.155.22 R	D-I-R5-182
	Filler RTD-15.155.22 R (top view)	D-I-R5-182
	Lock RTD-12.1.604.00	SR-032
	Lock RTD-12.1.604.00	SR-032
	Lock RTD-12.1.604.00-01	SR-033
	Lock RTD-12.1.604.00-01	SR-033

View	Designation	IC Article
	Rotation sensor disc RTD-15.480.02-01	D-I-R5-117
	Microchip TCST-1103	KE-E-D-230
	Indication board RTD-16.1.921.00	P-I-RT-172
	Half-coupling RTD-15.155.08	D-I-R5-007
	Spring RTD-12.C.612.03	D-I-R2-055
	Remote control panel H6/4	GP-PU-008

View	Designation	1C Article
	Rotor sections in assembly	Composite
	Rotor section RTD-15.156.00 R	D-I-R5-488
	Rotor section RTD-15.156.00 R with fastening elements	Composite
	Rotor section RTD-15.156.00 R with fastening elements (top flange)	
	Rotor section RTD-15.156.00 R with fastening elements (top flange, side-view)	
	Rotor section RTD-15.156.00 R with fastening elements (bottom flange)	







View	Designation	IC Article
	Stopper knot with opto sensors and target	
	Control-rod RTD-15.467.01-01	D-I-R5-177
	Lock sensor unit RTD-15.820.00 (SZR)	P-I-RT-063
	Resetting sensors unit RTD-15.830.00	P-I-RT-064
	Electromagnet knot with mounting bracket	Composite
	Top flange RTD-15.155.06	D-I-R5-005

View	Designation	1C Article
	Bottom flange RTD-15.155.02	D-I-R5-003
	Bottom flange RTD-15.155.02 with stainless steel tube and washer	Composite
	Mounting flange RTD-15.155.01	D-I-R5-002
	Mounting flange RTD-15.155.01 with filler RTD-15.155.04	Composite
	Stainless steel washer RTD-15.155.05, polished	P-TR-R15-002








View	Designation	1C Article
	Left drive key RTD-15.460.04	D-I-R5-075
	Right drive key RTD-15.460.04-01	D-I-R5-077
	Left drive key RTD-15.460.04 / Right drive key RTD-15.460.04-01	D-I-R5-075 / D-I-R5-077








View	Designation	1C Article
	Operation mechanism RTD-16.1.280.00	
	Operation mechanism RTD-16.1.280.00 (side view)	P-I-RT-190
	Operation mechanism RTD-16.1.280.00 (top view)	
	Operation mechanism RTD-16.1.280.00 (bottom view)	
	Control board RTD-16.710.00	
	Electric drive unit RTD-16.1.801.00	P-I-RT-166

View	Designation	1C Article
	Damper Izmac SDA36-25S	KE-U-176
	Spring TTR-04.240.09	D-PS-062
	Control board RTD-16.710.00-01	P-S-BU-076
	Roller RTD-15.454.01	D-I-R5-133
	Cam RTD-15.450.13	D-I-R5-048
	Lever assembly RTD-15.454.00	SR-023

View	Designation	1C Article
	Rod RTD-15.450.11	D-I-R5-047
	Control Unit RTD-16.1.700.00-01	GP-BU-031
	Operation mechanism RTD-16.1.359.00	P-I-RT-201

View	Designation	1C Article
	Control board RTD-16.710.00	P-S-BU-072
	Operation mechanism RTD-16.1.280.00	P-I-RT-190
	Operation mechanism RTD-16.1.280.00 (side view)	
	Operation mechanism RTD-16.1.280.00 (top view)	
	Operation mechanism RTD-16.1.280.00 (bottom view)	
	Lock RTD-12.1.604.00	
	Lock RTD-12.1.604.00-01	SR-033

View	Designation	1C Article
 A circular, metallic, brushed steel disc with a central hole and four small holes around the perimeter.	Rotation sensor disc RTD-15.480.02-01	D-I-R5-117
 A cylindrical electromagnet with a silver body and a black end cap. Red and yellow wires are attached to the top.	Electromagnet MTT-2551 LAA-DC24V-57,6	KE-U-105
 A small, cylindrical electric motor with a black body and a silver end cap. A white cable is attached to the top.	Electric drive unit RTD-16.1.801.00	P-I-RT-166
 A blue, cylindrical plastic block with a dark, circular opening in the center.	Indication block RTD-16.1.270.00	P-I-RT-212





View	Designation	1C Article
	Control board RTD-16.710.00-01	P-S-BU-076
	Operation mechanism RTD-16.1.359.00	P-I-RT-201
	Damper Izmac SDA36-25S	KE-U-176
	Rotation sensor disc RTD-15.480.02-01	D-I-R5-117
	Electromagnet MTT-2551LAA-DC24V-57,6	KE-U-105







View	Designation	1C Article
	Operation mechanism RTD-16.1.280.00-01	P-I-RT-191



View	Designation	1C Article
 A photograph of a mechanical assembly, likely the operation mechanism of a rotor turnstile. It features a central black cylindrical component, possibly a motor or actuator, surrounded by various metal and plastic parts, including gears and linkages, all mounted on a light-colored base plate.	Operation mechanism RTD-16.1.359.00-01	P-I-RT-202













View	Designation	1C Article
	Control unit RTD-03.750.00-02 (for WMD-04) (rear part with cable connectors)	GP-BU-016
	Control unit RTD-03.750.00-02 (for WMD-04) (swing gate standart connection)	GP-BU-016
	Control unit RTD-03.750.00-02 (for WMD-04) (swing gate standart connection)	GP-BU-016
	Upper part of the post: stopper knot, contact wheel, plug RTD-03.150.20- off state (side view)	Composite
	Upper part of the post: stopper knot, contact wheel, plug RTD-03.150.20 - off state	Composite

View	Designation	1C Article
	<p>Upper part of the post: stopper knot, contact wheel, plug RTD-03.150.20- on state (side view)</p>	<p>Composite</p>
	<p>Upper part of the post: stopper knot, contact wheel, plug RTD-03.150.20- on state</p>	<p>Composite</p>
	<p>Plug RTD-03.150.03</p>	<p>D-I-R3-274</p>
	<p>Plug RTD-03.150.20</p>	<p>D-I-R3-279</p>

View	Designation	1C Article
	Optic sensor RTD-03.990.00	Composite
	Optic sensor RTD-03.995.00	Composite
	Optic sensor RTD-03.995.00-01	P-I-RT-076
	"White" single glass holder	P-TR-R3-047
	Mechanical unblocking lock	Composite
	Mechanical unblocking lock assembled	Composite







View	Designation	1C Article
	Mechanical unblocking lock, assembled	Composite
	Mechanical unblocking lock, assembled (top view)	Composite
	Indicators' initial condition in unit and on control panel	Composite
	Power and operation patch cables with dismantable block	Composite
	Power and operation patch cables with dismantable block (connector type)	Composite

View	Designation	IC Article
	Power cable RTD-03.910.00	P-I-RT-039
	Control cable RTD-03.920.00	P-I-RT-038
	Indication patch cable RTD-03.960.00	P-I-RT-044
	Power patch cable RTD-03.940.00	P-I-RT-041
	Allen key 5	IN-SR-167







View	Designation	1C Article
	Rotation sensor disc WMD-04.191.0 (bottom view)	D-I-M4-021
	Rotation sensor disc WMD-04.191.01	D-I-M4-021
	Microchip TCST-1103	KE-E-D-230
	Processor module RTD-03.710.00 (for WMD-04)	P-S-BU-020
	Processor module RTD-03.730.00 (WMD-04)	P-S-BU-023

View	Designation	1C Article
	Processor module RTD-03.770.00 (WMD-04)	P-S-BU-060
	Processor module RTD-03.770.00-02 (WMD-04)	P-S-BU-041
	Power module board WMD-04.820.00	P-I-WM-014
	Power module board WMD-04.820.00-01	P-I-WM-021
	Gearmotor RTD-03.190.00	P-I-RT-097
	Power module connection (WMD)	
	Remote control panel H6/4	GP-PU-008
	Remote control panel H-6/2	GP-PU-007












View	Designation	1C Article
	Mechanical unblocking lock	Composite
	Standart swing panel WMD-04S assembled	G-I-PS-010
	Standart swing panel WMD-04S assembled - opposite side	G-I-PS-010
	Flange RTD-03.137.01	D-I-R3-127
	Flange RTD-03.137.01 (side view)	D-I-R3-127
	Electromagnet MTT-2551 LAA-DC24V-57,6	KE-U-105




View	Designation	1C Article
	Processor module RTD-03.775.00 (WMD-05)	P-S-B4-063
	Power module board WMD-05.825.00	P-I-WM-026
	Power supply module BU01.000.022	P-S-BU-002
	Processor module WMD-05.776.00 (WMD-05)	P-S-BU-080
	Gearmotor WMD-05.190.00	P-I-WM-022
	Stopper knot drive RTD-03.980.00	P-I-RT-048

View	Designation	1C Article
 A photograph of a white, flexible optic sensor cable. One end has a small black and green sensor head, and the other end has a white multi-pin connector.	Optic sensor RTD-03.990.00	P-I-RT-047
 A photograph of a lock assembly in its original clear plastic packaging. The packaging is labeled with 'ARMSTRONG' and '505'.	Lock 505 (C505-16 Armstrong)	KE-U-017







View	Designation	1C Article
	Control board WMD-06.700.00	P-I-WM-029
	Gearmotor WMD-06.016.00	P-I-WM-030
	Electromagnet WMD-06.015.00	P-I-WM-031
	Optic sensor WMD-06.020.00	P-I-WM-033

View	Designation	1C Article
	Power and commutation unit TTD-01.700.00 (WHD-04)	GP-BU-001
	Power and commutation unit TTD-01.700.00 (WHD-04)- connectivity panel	GP-BU-001
	Optron sensor DO-01.101.00	P-I-WH-002
	Damper WHD-04.315.00-01	P-I-WH-035
	Indication cable WHD-04.930.00	P-I-WH-007

View	Designation	1C Article
	Power cable TTD-01.C.910.00 (short)	P-UN-003
	Control cable TTD-01.C.920.00 (short)	P-UN-005
	Power patch cable WHD-04.910.00	P-I-WH-009
	Control patch cable WHD-04.920.00	P-I-WH-010
	Control patch cable WHD-04.920.00 (side view)	P-I-WH-010
	Rotation sensor disc TTR-04.100.01-1	D-I-TT-011




View	Designation	IC Article
	Rotation mechanism WHD-04.310.00	P-I-WH-025
	Microchip TCST-1103	KE-E-D-230
	Indication module WHD-04 with housing	Composite









View	Designation	IC Article
	Indication module WHD-04.860.00	P-I-WH-034
	Control module WHD-04.800.00	P-I-WH-013
	Control module WHD-04.870.00	P-I-WH-037
	Foundation WHD-04.311.00	D-I-H4-053
	Locking pin WHD-04.310.10-01 (titanium)	D-I-H4-109
	Double-sided info sign WHD-03.500.004	D-PS-026





View	Designation	IC Article
	Double-sided info sign WHD-03.500.004 (reverse side)	D-PS-026
	Spring WHD-04.310.03	D-I-H4-030
	Remote control panel H-6/2	GP-PU-007
	Filler panel WHD-04.330.01	Composite
	Filler panel WHD-04.330.01 (reverse side)	Composite
	Rotation unit WHD-04.313.00-01	D-I-H4-105




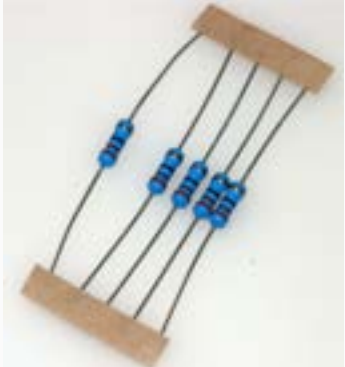



View	Designation	1C Article
	Rotation unit WHD-04.313.00-01 (top view)	D-I-H4-105
	Electromagnet MTT-2551 LAJ-DC 12V-14,4	KE-U-109

View	Designation	1C Article
	Rotation mechanism WHD-05.100.00	P-I-WH-062
	Damper WHD-05.020.00	P-I-WH-044
	WHD-05.010.00-03 (painted)	D-I-H5-081







View	Designation	1C Article
	Electromagnet assembly WHD-05.040.00	P-I-WH-045
	Rotation sensor WHD-05.850.00	P-I-WH-046
	Control module WHD-05.870.00	P-I-WH-050
	Rotation sensor disc WHD-05.100.10	D-I-H5-013
	Indication module WHD-05.860.00	P-I-WH-055
	Indication module WHD-05.880.00	P-I-WH-059
	Power patch cable WHD-05.910.00	P-I-WH-060
	Control patch cable WHD-05.920.00	P-I-WH-061

View	Designation	IC Article
	Motor TTR-07	P-I-TT-083
	Motor TTR-07 (image of contacts)	
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Rotation sensor disc TTR-04.100.01-04	D-I-TT-379

View	Designation	IC Article
	Control mechanism TTR-06.140-01	P-I-TD-010
	Control mechanism TTR-06.140-01 (rear view)	P-I-TD-010
	Microchip TCST-2103	KE-E-D-024
	Microchip TCST-2103 / Resistor MR-05VT - 330 OM ±5%	KE-E-D-024 / KE-E-R-P-292
	Stop spring	KE-W-047


View	Designation	1C Article
	Remote control panel H6/4	GP-PU-008
	Resistor MR-05VT - 330 OM ±5%	KE-E-R-P-292
	Pusher TTR-04.130	P-UN-006
	Rotation unit TTD-03.1-1.140.00	P-I-TD-090
	Rotation unit TTD-03.1-1.140.00 (top view)	

View	Designation	IC Article
	Drive key TTR-04.141-08	D-I-TT-192
	Cover KT-02.3.150.00 Cover with reader assembled (KT-02.3, KR-05.3)	P-I-TD-053
	Cover KT-02.7.160.00 Cover with reader assembled (KT-02.7)	P-I-TD-068
	Card-capture reader mechanism KTC01.090.00 (KTC01.3)	SR-044
	Cover TH-01.150.01 Plastic cover (reader's housing) (KT-02.3, KT-02.7, KR-05.3)	D-I-TD-091
	Optic sensor IC-02.810.00-02 (KTC-01.3)	P-S-20-138

View	Designation	IC Article
	Card-capture reader board PA-450.800.00-02 (KTC-01.3)	P-S-20-103
	Board IR09.700.00	SR-040
	Lock 505 (C505-16 Armstrong)	KE-U-017
	Electromagnet KTC01.840.00	P-S-20-099
	Optic sensor KTC01.810.00-02	P-I-TD-052
	Optic sensor KTC01.830.00	P-I-TD-040





View	Designation	IC Article
	Card-capture reader board PA-450.800.00-02	P-S-20-103
	Board IR09.700.00	SR-047
	Rotation unit TB-01A.030.00	P-I-TD-072
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081
	Board CT/L04.730.00-03	P-S-20-259
	Card-capture reader mechanism KTC01.090.00	SR-044





View	Designation	IC Article
	Motor TTR-07	P-I-TT-083
	Motor TTR-07 (image of contacts)	
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Lock 564N (N506-12 Armstrong, EVG105C)	KE-U-020





View	Designation	1C Article
	Lock 564N (N506-12 Armstrong, EVG105C)	KE-U-020
	Control mechanism TTR-06.140-01C6	P-I-TD-010
	Control mechanism TTR-06.140-01C6 (rear view)	P-I-TD-010
	Microchip TCST-2103 (Microchip CNY - 37, optic sensor TCST-2000)	KE-E-D-024
	Cover KT-02.3.155.00 P-I-TD-129	P-I-TD-129
	Board IR04.1.720 with antenna and cable	SR-069

View	Designation	1C Article
	Remote control panel H6/4	GP-PU-008
	Board CT/L04.2.710.00-01	P-S-20-280
	Board CT/L04.2.700.00	P-S-20-313
	Rotation unit TTD-03.1-1.140.00	P-I-TD-080
	Rotation unit TTD-03.1-1.140.00 top view	
	Rotation unit TTD-03.1-1.140.00	

View	Designation	1C Article
	Damper device DL7.2.000.00	P-UN-021
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379

View	Designation	1C Article
	Cover KT-02.7M.165.00	P-I-TD-161
	Board MR07.2.700.00 with antenna and cable	SR-079






View	Designation	IC Article
	Cover with boards KT-08A.300.00	P-I-TT-190
	Remote control panel H6/4	GP-PU-008
	Flywheel assembly TTR-07.307.00-03	P-I-TT-148
	Mechanism KT-08A.100.00	P-I-TT-191


View	Designation	1C Article
	Board PB.100.00	P-I-TD-091
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
	Damper device DL7.2.000.00	P-UN-021
	Rotation sensor disc TTR-07.400.10	D-I-TT-261





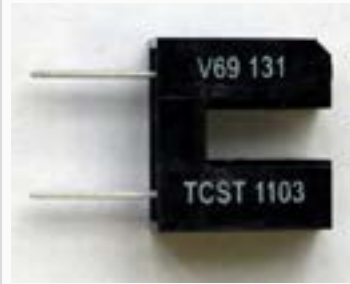


View	Designation	1C Article
	Motor TTR-07.371.00	P-I-TT-083
	Motor TTR-07.371.00 (image of contacts)	
	Microchip TCST-1103	KE-E-D-230
	Electromagnet assembly TTR-07.657.00	P-I-TT-094
	Board CT/L04.2.700.00-01	P-S-20-316
	Board CT/L04.2.710.00-02	P-S-20-317







View	Designation	1C Article
	Lock 505 (C505-16 Armstrong)	KE-U-017
	Lock 564N (N506-12 Armstrong, EVG 105C)	KE-U-020
	Rotation sensor disc TTR-04.100.01-4	D-I-TT-379
	Control mechanism TTR-06.140-01 C6	P-I-TD-010
	Control mechanism TTR-06.140-01 C6 (rear view)	
	Microchip TCST-2103	KE-E-D-024



View	Designation	IC Article
	Motor TTR-07.371.00	P-I-TT-083
	Damper device DL7.2.000.00	P-UN-021
	Turnstile cable TTR-04.1.900.00	P-I-TT-041
	Cover KTC-01.159.00	P-I-TD-156
	Board IR04.1.720.00 with antenna for KTC and cable	SR-075

View	Designation	1C Article
 A green printed circuit board (PCB) with various electronic components, including a large black integrated circuit, several resistors, and a multi-pin connector at the top.	Board CT/L04.2.710.00-01	P-S-20-280
 A smaller green PCB with a central square chip, several resistors, and a multi-pin connector on the left side.	Board CT/L04.2.700.00	P-S-20-313
 A grey rectangular remote control panel with two buttons (one red, one green) and a coiled white cable with a black antenna.	Remote control panel H6/4	GP-PU-008


View	Designation	1C Article
	Rotation unit TB-01A.030.00	P-I-TD-072
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081
	Rotation sensor disc TTR-07.400.10	D-I-TT-261
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
	Microchip TCST-1103	KE-E-D-230


View	Designation	1C Article
	Electromagnet assembly TB-01A.037.00	P-I-TD-075
	Board PB.100.00	P-I-TD-091
	Lock 505 (C505-16 Armstrong)	KE-U-017
	Rotation unit TB-01A.030.00	P-I-TD-072
	Electromagnet assembly TB-01A.037.00	P-I-TD-075
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151







View	Designation	1C Article
	Electric motors assembly TTR-07.380.00-03	P-I-TT-151
	Resetting sensors unit TTR-07.360.00	P-I-TT-082
	Motor TTR-07.371.00	P-I-TT-083
	Damper device DL7.2.000.00	P-UN-021
	Rotation sensor disc TTR-07.400.10	D-I-TT-261
	Flywheel assembly TB-01A.050.00-01	P-I-TD-081



View	Designation	1C Article
	Board CT/L04.730.00-03	P-S-20-259
	Board IR09.700.00 with antenna and cable	SR-047



View	Designation	1C Article
 A photograph of a circular, metallic card reader component with a central rectangular slot.	Card reader IRP01.2.020.00	P-S-20-338

View	Designation	IC Article
	Card reader IC02.700.00	P-S-20-107
	Card-capture reader board PA-450.800.00-02	P-S-20-103
	Optic sensor IC-02.811.00-02	P-S-20-229
	Solenoid optic sensor IC-02.831.00	P-S-20-226
	Electromagnet assembly IC-02.840.00	P-S-20-140
	Card-capture reader mechanism IC-02.1.322.00	SR-063

View	Designation	IC Article
	Card reader IC03.700.00	P-S-20-113
	Card-capture reader board PA-450.800.00-02	P-S-20-103
	Card-capture reader mechanism IC-02.1.322.00	SR-063
	Optic sensor IC-02.811.00-02	P-S-20-229
	Optic sensor IC-02.831.00	P-S-20-226
	Electromagnet assembly IC-02.840.00	P-S-20-140

View	Designation	1C Article
 A photograph of a complex metal mechanism, likely a card capture reader component, showing various gears, levers, and electrical connections.	Mechanism IC-05.100.00	P-S-20-329
 A photograph showing several small mechanical parts, including a cylindrical lock cylinder, a key, a white plastic ring, a gear, a small metal pin, and a yellow plastic piece.	Cylindrical lock	KE-U-163