

0391

HO Track Plans for M-Tracks 5100 and 5200

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Märklin HO Track Plans for M-Tracks 5100 and 5200



Page 1

To all our friends,

During all its long development, the railway has continually adapted itself to its expanding functions. Märklin model railroads keep pace with this development. From a simple oval track to comprehension station track systems, with Märklin components you can build up anything that you can picture, or that you observe on a full-scale railroad.

In this book you will find 16 track plans for H0 gauge M (metal) tracks. With each plan is a complete parts list. The catalogue numbers of the components used are also marked on the track plan. The symbols and dimensions of track sections and accessories are given in the first section of the book. Any special markings are explained on the track plans. In each case there is a precise wiring diagram for the electrical connections. A colour photograph shows the complete model railroad system when it is built.

So, it is easy to copy exactly any of the systems illustrated — even the fully automatic control of four trains presents no problem. You can however use the plans to suggest ideas to you for own design. You can then lay the Märklin tracks as you wish, including diagonals, reversing and track triangles.

There are no tricks, no magic in the wiring and no special accessories. Simply join up the track sections and the trains can run right away.

When you are using your own ideas to plan a track layout, the first chapter of the book in particular will be one of the tools you will need. In it, you will find a multitude of possible combinations of Märklin M-tracks sections, set out systematically.

You have in front of you the guide to the fascinating Märklin model railroad country. We wish you a lot of fun and a good trip.

Gebr. Märklin & Cie. GmbH 732 Göppingen, Württ.

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Symbols and dimensions of the Märklin M-track sections

"Symbols" are the reduced diagrammatic representations of track sections and accessories. They serve for quickly identifying and easily locating each item and are therefore always shown to a scale of 1:5.

Cross-section of Märklin M-tracks Scale 2:1

Page 3

Symbols and dimensions of Märklin M-track sections, scale 1:5

Catalogue No.

5106 Straight track section, Full length = 7'' **5107** Straight track section, $\frac{1}{2}$ length = $\frac{3^{1}}{2}''$

5108	Straight track section, 1/4 length = 13/4"
5109	Straight track section, 3/16 length = 15/16"
5110	Straight track section, 1/8 length = 7/8"
5129	Straight track section, length 23/4"
5210	Straight track section, length 5/8"
5208	Straight track section, length 5/16"

Large parallel circle

5200	Curved track section, Full length = 30°, 12 sections form a circle
5206	Curved track section, approx. 5/6 length = 24° 17'
5201	Curved track section, 1/2 length = 15°
5205	Curved track section, approx. 1/6 length = 5° 43'

Standard circle

5100	Curved track section, Full length = 30°,
	12 sections form a circle
5101	Curved track section, 1/2 length = 15°
5102	Curved track section, 1/4 length = 7° 30'

Industrial circle

5120	Curved track section, Full length = 45°,
	8 sections form a circle

5111	Straight feeder track section, /"
5131	Straight feeder track section, 7" with suppressor
2191	Straight transfer track section, Full length = 7",
	used for transferring from M-track to K-track
-444	0

5114	Crossing 30						
5128	Double slip	switch	30°,	operated	by	solenoid,	with
	working sign	al light.	Curv	e as for 51	00		

5117	Pair	of	solenoid-operated	turnouts	with	working
			ength as for 5106. c			

5121	Pair of	manually	operated	turnouts.	Dimensions	as
	for 511	7				

5211	Crossing	480 34'

5207	Double slip switch 23° 16', operated by solenoid.
	Length as for 5106. With 5208 added, the curve is as
	for 5206 (makes up to 24° 17'), (2 x 5208 sections are
	included in the 5207 pack)

5202	Pair	of	soler	oid-	ope	erated	turno	outs	with	working
							curve			

	orginal, Zorigin ao ioi oroo, carro ao
5214	Symmetrical three-way switch, two solenoids. Dimen-
	sions as for 5106, curves as for 5206

5140 Double slip switch operated by solenoid, with working signal. Inside curve as for 5100

Marklin



Page 4

Symbols and dimensions for Märklin M-track sections, scale 1:5

5112 Uncoupling track section, operated by solenoid or manually, Length as for 5107

7190 Buffer stop, unlighted, Length as for 5129

7191 Buffer stop with working signal. Length as for 5129

5146 Switching track section, straight. Length as for 5107

5147 Switching track section, curved. Curve as for 5101

5213 Switching track section, curved. Curve as for 5201

Symbols and dimensions of Märklin accessories, scale 1:5 Bridge sections (without tracks)

For building with piers, see page 19

7262 Lattice bridge, Full length = 7"

7263 Arch bridge, Double length = 14"

7269 Curved ramp section, Full length = 30°

7267 Curved ramp section, Full length = 30°

7268 Straight ramp section, Full length = 7" and no dones de

7250 Base plate

the branch track and the main track, as is explained slangic

7041 Home signal Home signal Home signal

7039 Home signal. Dimensions as for 7040

7188 Light home signal. Dimensions as for 7040

7042 Track blocking signal. Dimensions as for 7040

Table to Page 6

7038 Warning signal for 7041 and 7040

7036 Warning signal for 7039. Dimensions as for 7038

7187 Light warning signal for 7188

The symbols for the various lights are not shown. You can install them as you wish, to suit the circumstances of the layout. Take care not to overload the transformer. One bulb takes 1 VA approx. If you intend to use many bulbs, it is advisable to use the 40 VA lighting transformer.

Lighting transformer 40 VA Traction transformer 30 VA Traction transformer 16 VA

7210 Switch panel

7211 Switch panel

7072 Control panel

7209 Distributor panel

7245 Universal remote control switch

Page 5

Symbols and dimensions of Märklin accessories, scale 1:5

7390 Grade crossing, operated mechanically. Full length = 7"

7192 Grade crossing, fully automatic. The distance "x" can be extended by inserting straight track section 5115, full length = 7" or curved section 5116, full length = 30°, radius 360 mm

7193 Extension set, for extending the grade crossing to cover 2 or more tracks

7028 Locomotive roundhouse, height 5¹/4″
 7186 Turntable set, with motorised drive

7051 Remote-controlled slewing crane with lifting magnet

Page 6

Make-up of the Märklin M-track system

Fig. 1

There are 3 different radii. They are measured from the centre of the circle to the centre of the track, i.e. to the contact studs. The outside diameter of the whole circle is greater in each case by one track width, i.e. $1^{1/2}$ ".

Page 7 notices short then out level a of short off to abre

Branches with turnouts, scale 1:10

Fig. 2

The track section 5100 connected as a reverse curve to the branch track of turnout 5117 or 5121, gives a distance between track centres of $3^{13}/_{16}$ ". If the straight track of the turnout is extended by a track section 5106, the two tracks will end at the same level.

The length as illustrated is 2 x 7'' = 14'', i.e. equal to two straight sections 5106.

Fig. 3

Track section 5206 is used as the reverse curve with turnout 5202. The distance between track centres is 3" which is the same as between a standard circle and the bigger parallel circle. The straight section of the turnout extended by track section 5106 ends on a level with the 5206 track section. The length as illustrated is as in Fig. 2.

ge	Designation	Diameter inches	Radius inches	Distance between track centres inches	No. of sections for 360°	Catalogue No.	methods being used. The sections are needed to obta tracks on coming out of	Track	section lengths	provide action of	Angle for full-length section
	1 Industrial Circle	18 ⁵ /8	95/16	2 ¹⁵ /16	the tracks, and the second tracks.	5120	The industrial circle sections are intended for branch or industrial lines. No reverse curves should be made up with them.	only ful	I-length sections	ng two ler, the d to ball	45°
	2 Standard Circle	281/4	14¹/s	3	12	5100	gbird (Example: distance betwee width 11/2" = 11/3" clearance	Full length 5100	1/ ₂ 5101	5102 1/4	30°
	3 Bigger parallel Circle	341/4	171/8	is oals yew iii sab	12	5200	Furthermore, when installing maste and other things, c 520g loading gauge' must be left.	Full length 5200	$\sim \frac{5}{6}$ $\frac{1}{2}$ 5206 5201	~ 1/6 5205	30°



Fig. 4

The branch track here is an extension from the end of a curved track section. Here the distance between tracks is less than in Fig. 2. To get the two tracks to end on a level, the track sections shown must be added.

Fig. 5 An Apart and to entired add of affordation

Turnout 5202 connected to the end of a curved section. To bring the curve to 30°, the track section 5205 is required. To continue the curve from the straight section of the turnout, the curved track section 5206 is used. To bring the ends of the tracks to a level, the part track sections shown are required. The distance between track centres is less than in Fig. 3.

Fig. 6

If the tracks in a layout having 3 or more tracks are to be connected together with a constant distance between tracks of 3¹³/16", the crossing 5114 or the double slip switch 5128 is needed. The double slip switch has the advantage that the train can also change over on the slip to the inside track. A simple crossing only connects the two outer tracks but does not allow the train to change over to the inside track.

Fig. 7

If the tracks in a layout having 3 or more tracks are to be connected together with a constant distance between track centres of 3", as between a standard circle and the bigger parallel circle, then the double slip switch 5207 is needed. This double slip switch has the advantage that when installed, it gives lengths equal to full length track sections 5106. You must make sure to incorporate the 5/16" long track sections 5208 provided with the double slip switch 5207, in the diagonal section of the double slip switch.

Fig. 8

When installing two double slip switches 5207 joined directly together, the $^{5}/_{8}''$ long straight track section 5210 must be utilised to balance up, since 2 straight track sections 5208 will not join up.

Fig. 9 Fig. 10

The Märklin three-way switch 5214

In the Märklin three-way switch 5214, two simple 5202

turnouts are combined within the length of a 5202 turnout, i.e. the length of a straight track section 5106, full length = 7". In this way, this three-way switch saves a lot of space. This is particularly advantageous in rows of turnouts or in station track systems.

This illustration shows how, by using Märklin three-way switches, one main track and four branches can be arranged in the shortest possible track length.

Page 8

Branches with turnouts, scale 1:10

Fig. 11 Fig. 12

Märklin curved turnouts 5140

These turnouts were developed in order to be able to establish a connection between curved tracks in the curve itself and so to save space. If you examine the diagram (Fig. 11 and 12) carefully you will see that even in the bigger parallel curve, a normal circle track section (5100) is fitted in at the ends of the curved turnouts, not, i.e., the longer track section (5200) of the bigger parallel curve. With the longer section (5200) the distance between track centres would not be right, nor would the sections end level. With the curved turnouts, it is only the normal circle and the bigger parallel circle which can be connected together.

A simple way of obtaining different distances between track centres.

Pages 9–11, with Fig. 13–57, are intended to facilitate planning and prevent time-consuming trial and error methods being used. The illustrations show which track sections are needed to obtain a particular distance between tracks on coming out of a turnout, a distance made necessary by the width of a station, a goods shed, a crane, or whatever has to be placed between the tracks. The distances given here too, are from the centre of one track to the centre of the other, so that the width of a track must be substracted to get the clearance between the tracks. (Example: distance between track centres 3", less track width $1^{1}/2^{"} = 1^{1}/2^{"}$ clearance between the tracks).

Furthermore, when installing stations or buildings, or also masts and other things, clearance equal to the "railway loading gauge" must be left, i.e. space enough for the widest locomotive or car to pass through without impact. On straight tracks, this safety distance from the track centre (e.g. to the station platform) is $^9/_{16}''$, while in curved sections it depends on the radius, being up to $^{19}/_{16}''$ for the smallest circle.

All the drawings are designed so that the junction between sections in branch tracks are level with those on the main line and the same numbers and lengths of sections can be used on both tracks.

Naturally the branches shown here can go on the opposite side just as well, using right-hand turnouts instead of left-hand ones.

When the branch track has to be led back into the main track you should consult the Track Length Table to find which track sections give the required length most favourably and possibly most cheaply. E.g. it is better to use one 5106 track section rather than two 5107 sections, or one 5107 instead of two 5108's, if it achieves the same purpose.

The three-way slip 5214 can be used to make a branch on each side exactly as the simple turnout 5202 is used to make a branch on one side.

On lengths of track with unequal distances between track sections, the right thing to do is to even up the lengths of the branch track and the main track, as is explained in the examples shown in Fig. 50–53 on page 11.

The way to incorporate the curved turnout 5140 is shown in Fig. 54-57 on page 11 and Fig. 89-91 on page 18. The construction of turnout combinations is shown on

pages 14-18.

Page 9

Turnout combinations and distances between track centres, scale 1:10

Branches from a straight track with turnouts 5117

Fig. 13-21

Branches from a straight track with turnouts 5202

Fig. 22-30

Branching of a parallel track with turnouts 5117

Fig. 31-33





Page 10

Turnout combinations and distances between track centres, scale 1:10

Branching of a parallel track with turnouts 5117

Fig. 34-39

Branching of a parallel track with turnouts 5202

Fig. 40-49

Page 11

Turnout connections and distances between track centres, scale 1:10

Branches with three-way turnout 5214

Fig. 50-53

Branches with a curved turnout 5140

Fig. 54-57

Page 12

Track layout in stations

On the German Federal Railways the following designations are used for stations and types of track.

The planning drawings on page 13 give a good idea of how station and marshalling track systems should look. Naturally they can be extended as far as you wish, which is why they are not broken down into track sections.

1. Types of stations

Passenger station

as transit station or terminal station for passenger, express freight and mail service

Switchyard

for classification, make-up and sortout of freight trains

Freight station

for freight clearance

2. Rolling Stock Repair Stations

Maintenance Shops, Bw and Bww

subdivided into RR maintenance shops for self-propelled units (Bw) and RR rolling stock maintenance shops, for servicing and maintenance

Repair Shops, Aw

for official inspections and major repairs

Repair Shops, Awst

For assistance in the event of major damage

3. Types of Track

In passenger station

- 1. Continuous main tracks (incoming and outgoing tracks)
- 2. Sidings
- 3. Classification tracks, marshalling tracks

In Switchvard

- Incoming tracks, sorting out tracks (often with hump), marshalling tracks, outgoing tracks
- Fault inspection tracks, baggage car tracks, marshalling tracks
- 3. Connecting tracks to private sidings (industrial tracks)

In Local Freight Yard

Loading platform, shed tracks, open loading tracks

In maintenance shops (Bw and Bww)

Locomotive repair tracks, inspection tracks (usually with pits), workshop tracks

In Frontier Stations

Customs tracks, examination tracks

Page 13

Track layout in stations

Passenger station

Halt on single-track line

Small local station with siding

Station on double-track line with siding, two main tracks, incoming and outgoing tracks.

Larger station with main tracks, siding, classification and sortout track, incoming and outgoing tracks.

Freight station

Local freight station with end loading and side loading platforms, shed and open loading track.

Hump with marshalling tracks and fault inspection track. In the larger marshalling yards, for sorting out and making up trains.

Locomotive maintenance shop Bw, with workshop tracks and locomotive repair track. The approach track is for locomotives only and is known as the locomotive traffic track.

Passenger Station and Freight Yard

- 1. Main through tracks
- 2. Branch lines
- 3. Sidings
- 4. Locomotive traffic tracks
- 5. Incoming tracks
- 6. Sorting out track
- 7. Marshalling tracks
- 8. Outgoing tracks
- 9. Full inspection track
- 10. Baggage car track
- Loading platform track with head and side loading platforms
- 12. Shed track
- 13. Open loading track
- 14. Workshop track
- 15. Locomotive repair track
- 16. Inspection track

Pages 14/15/16/17/18

Turnout combinations, scale 1:10

Fig. 58-94

Page 19

Bridge construction with Märklin bridges and piers

Vertical clearance for:

Steam and diesel locomotives $2^{11}/16'' = 1 \times 7250$, 2 x 7252, 2 x 7253

Electric locomotive without contact wire $2^{13}/_{16}'' = 1 \times 7250$, 3×7252 , 2×7253 (pantograph lowered)



Electric locomotive under contact wire $4^1/16'' = 1 \times 7250$, 2×7252 , 3×7253

Approach ramp with 1/4'' rise / full length track section = 31/3 % gradient

Height of piers
Piers rise in steps of 1/4"

Approach ramp with $^{3}/_{8}''$ ramp / full length track section = 5% gradient

Piers rise in steps of 3/8" of add as a wood at the state of a sevice of

The start and finish of a slope should always be constructed as shown here. A sharp kink in the slope may cause derailment.

With a 3/8'' rise in a full-length track section, the length of the train may have to be approximately adjusted.

Height of piers

Page 20/21

The Märklin catenary system

All Märklin electric locomotive can be set to pick up their current from the track contact studs, or - for true catenary operation - from the contact wire of the overhead line. If power is taken from the stud contacts between the lines of the track and a catenary system is also installed, two trains can be operated completely independently of one another on one and the same track. There are no "trick circuits" to do this with the Märklin system. On open stretches of track and particularly at stations with overhead conductors, the Märklin contact wire components and their supports look very natural, almost like the real thing. The reason is that they are arranged just like the originals. The contact wires 7014, 7023 and 7015 can also be assembled accurately to the required length by means of their ingeniously designed plug-snap connections. They are flexible and can be adapted precisely to any curve. The longest contact wire section 7019 spans the length of two full-lengths straight track sections, i.e. 14" and it is intended for use on long straight stretches. The station site is very effectively spanned with the aid of tower masts 7021 and cross spans 7016 and 7017. The width of the track layout is of no significance. Contact wires can also be suspended from cantilever support arms 7025 for a single track running alongside a

tower mast 7021. Building instructions are included with each connection pack. It is advisible to study them carefully.

- 1. Fixing the mast to the track
- 2. Contact wires over a simple turnout
- 3. Contact wire suspended from a cantilever support arm
- Contact wire sections 7013 over directly connected turnouts

Installation of contact wire and cross spans with tower masts. The contact wires are suspended from the cross spans by insulators 7006.

Contact wire for branch line clamped to the contact wire for the through line by the use of fastening set 7004.

Contact wire insulator 7006

Shortened installation length

Average installation length

Long installation length

This is how bridge masts 7511 are fastened to Märklin bridges and approach ramps.

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Length		5200), 1	Track s	ections	3		204 84
x in mm	5106 1/1	5107 1/2		5109 3/16		5129	Jump in mm

Page 23

Circuit symbols and instructions concerning track plans

To keep the track plans clear and simple, the connecting wires are not drawn in over their whole length, but their particular letters and numbers are marked at each end of the connection. These numbers and letters, appearing on transformers, distributor boards, switch panels etc. should be connected like to like. If the coloured leads on Märklin items have to be extended, we recommend the use of Märklin leads of the same colour.

Meaning of the colours

Grev No. 7100

for lights which have no connection to the track

Blue No. 7101

Ground return leads from solenoid-operated items to the control panel or switching track section

Brown No. 7102

Ground connection from the track base, lighting socket or control panel to the transformer

Yellow No. 7103

Lighting and solenoid-operated items

Red No. 7105

Traction current connection

(from the transformer to the track centre conductor or catenary)

0 B1

Traction current feeder track section for contact stud conductor. Red and brown leads to sockets of the same colours on transformer 1.

B2

Traction current feeder mast for catenary. Red lead to red socket on transformer 2. If there is not a ground connection (brown lead) already anyway for operating the contact studs, the feeder track sections must be connected by a brown lead to the brown socket on the transformer or to a distributor panel connected to it.

3

Blue lead with green plug in green socket; blue lead with red plug in red socket, of the pair of sockets marked "3" on the control panel (7072).

L1

Yellow lead to the yellow lighting socket L on transformer 1 or to the distributor panel L1 connected to it.

Current circuit isolation by means of the insulator 5022

Insulating section for stopping the train, in conjunction with signals. The length of the section is adapted to the speed and stopping distance of trains.

Height of pier or road bed in mm

7171 SOUND DAMPING STRIPS in packs of 50 strips with 50 flat-head wood screws to obtain really quiet train operation. When tracks are mounted on a plywood panel the travelling trains naturally make some, but not much, noise to the rhythm of the wheels. If you would like to reduce this noise to half, you are advised to lay tracks, turnouts and

midnam



crossings on sound damping strips. This in no way affects the erection of the catenary system.

Number marked in red on the track plan.

Switching track section. Connect the socket which is marked with a red number to the solenoid-operated item (turnout, signal, etc.) which has the same number in red, by means of a blue lead. When an automatically controlled system is to be changed over to control from the control panel, all that needs to be done is to remove the plug from the socket on the contact track section. The track section contact switches in only one direction of travel; in the other direction nothing happens.

Contact wires connected by means of the fastening set 7004 (bolt, nut and washer).

Buildings and landscape.

Are shown on the plans only in the case of buildings which are realistic and necessary for operating the system. The illustrated section provides ideas for landscaping.

For automatically controlled turnouts and signals (marked in red), the connections, as already explained, are made to the control panel; in addition, one of the blue leads with red plugs (for turnouts) and one of blue leads with green plugs (for moving straight ahead) are connected to the appropriate sockets of the appropriate switching track section or sections.

Yellow plug as before to the transformer.

If a signal is installed in an insulated condition (without base plate), a ground lead (brown) must be laid to the brown socket of the transformer, or to the distributor panel connected to it.

Page 24

1 Layout 5' 1" x 3'

Each	No.	Designation	
14	5100	Curved track section, R 14", 30°	
17	5106	Straight track section, 7"	
3	5107	Straight track section, 31/2"	
3	5108	Straight track section, 13/4"	
1	5111	Feeder track section, straight, 7"	

Each	No.	Designation notanglesQ oil do	Ea
3	5112	Uncoupling track section, 31/2"	
3	5113	Lighting mast for uncoupling track section	
2	5117	Pair of solenoid-operated turnouts	
1	5128	Double slip switch	
21	5131	Feeder track section, straight, 7",	
		with suppressor	2
1 noi	5140	Pair of solenoid-operated curved turnouts	
2	7036	Warning signal	
2	7039	Home signal	
3	7042	Track blocking signal	
2	7047	Station lamp	
3	7048	Arc lamp	
1	7051	Remote-controlled slewing crane	
		with lifting magnet	
4	7072	Control panel	
2	7171	Sound damping strips	
6	7190	Buffer stop	
5	7209	Distributor panel	
2	7284	Sidewalk lamp	
6	7000	Staples	
3	7101	Lead, single core, 33', blue	
1	7102	Lead, single core, 33', brown	
1	7103	Lead, single core, 33', yellow	
1	7105	Lead, single core, 33', red	
8	7111	Sleeve, brown	
12	7112	Sleeve, yellow	
17	7113	Sleeve, green	
28	7115	Sleeve, red	
2	7117	Sleeve, grey and among the same states	
18	7131	Plug with side socket, brown	
22	7132	Plug with side socket, yellow	
18	7133	Plug with side socket, green	
40	7135	Plug with side socket, red	
2	7137	Plug with side socket, grey	
Page		Transformer 30 VA	
•		7262 Truss bridge 00 formers.	
B	0.5		

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1 L	ayout 5'	1" x 3' with catenary system	
5	7004	Fixing set (more if required)	
3	7005	Catenary set for signals	
20	7009	Masts for overhead conductor	
1	7010	Feeder mast with 2 leads	
4	7012	Feeder mast with 1 lead	

Each	No.	Designation Designation No.	lo
3	7013	Contact wire section with plug connection average installed length 81/4"	٦,
4	7014	Contact wire section, female portion,	
8	7014	average installed length 33/4"	
4	7015	Contact wire section, male portion, average installed length 33/4"	
10	7018	Contact wire section, 105/8"	
7	7019	Contact wire section, 141/8"	
2	7022	Interruptor section, average installed length 33/4"	
10	7023	Make-up section with plug connection, average installed length 23/4"	
1	7201	Feeder mast with 2 leads, with suppressor	r
Marsa	7277	Crossing section	
1	7278	Contact wire section, 91/4"	
.i	wout 8	Transformer 30 VA (16 VA)	

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2	Layout 5'	6" x 3' 3'/4"
12	5100	Curved track section, R 14", 30°
15	5106	Straight track section, 7"
1	5107	Straight track section, 31/2"
1	5108	Straight track section, 13/4"
1	5111	Feeder track section, straight, 7"
2	5112	Uncoupling track section, 31/2"
2	5113	Lighting mast for uncoupling track section
4	5120	Curved track section, R 111/4", 45°
1	5129	Straight track section, 23/4"
1	5131	Feeder track section, straight, 7",
		with suppressor
6	5200	Curved track section, R 171/4", 30°
1	5202	Pair of solenoid-operated turnouts
4	5206	Curved track section, R 171/4", 24° 17'
3	5208	Straight track section, 1/4"
2	5214	Symmetrical three-way slip
2	7036	Warning signal
2	7039	Home signal
3	7042	Track blocking signal
2	7047	Station lamp
4	7048	Arc lamp
1	7051	Remote-controlled slewing crane with
		lifting magnet
4	7072	Control panel
2	7171	Sound damping strips



Each	No.	Designation Rollangias O. M. dos	Each	No.	Designation	Each	No.	Designation and amade based no epilesone
2	7190	Buffer stop	26	5106	Straight track section, 7"	11	7112	Sleeve, yellow
4	7209	Distributor board	3	5107	Straight track section, 31/2"	19	7113	Sleeve, green
1	7284	Sidewalk lamp	3	5108	Straight track section, 13/4"	45	7115	Sleeve, red
5	7000	Staples	4	5109	Straight track section, 13/8"	2	7117	Sleeve, grey
1	7101	Lead, single core, 33', blue	8. 1 on	5111	Feeder track section, straight, 7"	38	7131	Plug with side socket, brown
1	7102	Lead, single core, 33', brown	2	5112	Uncoupling track section, 31/2"	25	7132	Plug with side socket, yellow
1	7103	Lead, single core, 33', yellow	2	5113	Lighting mast for uncoupling track section	25	7133	Plug with side socket, green
1	7105	Lead, single core, 33', red	2	5115	Contact track section, straight, 7"	30	7135	Plug with side socket, red
5	7111	Sleeve, brown	1	5117	Pair of solenoid-operated turnouts	2	7137	Plug with side socket, grey
10	7112	Sleeve, yellow	1	5128	Double slip switch		orar interpre- continue acada	A postare state as a second state in incidence on the
14	7113	Sleeve, green	2	5129	Straight track section, 23/4"			
24	7115	Sleeve, red	2	5131	Feeder track section, straight, 7",	Page	29	
2	7117	Sleeve, grey			with suppressor	· age	se pnin	
23	7131	Plug with side socket, brown	2	5140	Pair of solenoid-operated turnouts	0.81		44" of out if the Cadaevi has turn thad)
10	7132	Plug with side socket, yellow	8	5200	Curved track section, R 171/4", 30°	3 La	yout 6	11" x 3' 31/4" with catenary system
15	7133	Plug with side socket, green	1	5202	Pair of solenoid-operated turnouts	5	7004	Fixing set (more if required)
32	7135	Plug with side socket, red	1-1-	5205	Curved track section, R 171/4", 5° 43'	5	7005	Catenary set for signals
2	7137	Plug with side socket, grey	1	5206	Curved track section, R 171/4", 24° 17'	30	7009	Mast for overhead conductor
1		Transformer 30 VA	This is	7038	Warning signal	1	7010	Feeder mast with 2 leads
			bridge	7040	Home signal	2	7012	Feeder mast with 1 lead
D	. 07		4	7042	Track blocking signal	2	7012	Contact wire section with plug connection,
Page	21		2	7047	Station lamp		7010	average installed length 81/4"
2 10	wout E'	6" v 91 91/" with estance avelone	6	7048	Arc lamp	5	7014	Contact wire section, female portion,
Z La	yout 5	6" x 3' 31/4" with catenary system	1	7051	Remote-controlled slewing crane with	neen	7014	average installed length 3 ³ / ₄ "
7	7004	Fixing set (more if required)		1001	lifting magnet	11	7015	Contact wire section, male portion,
5	7005	Catenary set for signals	5	7072	Control panel	track	7013	average installed length 3 ³ / ₄ "
23	7009	Catenary mast	2	7171	Sound damping strips	15	7018	Contact wire section, 10 ⁵ /8"
1	7010	Feeder mast with 2 leads	ler yen	7187	Light warning signal	5	7019	Contact wire section, 10 ⁷ 8 Contact wire section, 14 ¹ /8"
2	7013	Contact wire section with plug connection,		7188	Light home signal	1	7013	Insulator section, average installed
	50	average installed length 81/4"	4	7190	Buffer stop		1022	length 3 ³ / ₄ "
4	7014	Contact wire section, female portion,	2	7191	Buffer stop, with signal light	27	7023	Mape-up section with plug connection,
		average installed length 33/4"	1	7192	Grade crossing, fully automatic	21,010	1023	average installed length 23/4"
8	7015	Contact wire section, male portion,	6	7209	Distributor panel	2	7201	Feeder mast with 2 leads, with suppressor
	00	average installed length 3 ³ / ₄ "	14	7250	Base plates, 1/10" high	1	7277	Crossing section
8	7018	Contact wire section, 10 ⁵ / ₈ "	28	7252	Pier, 1/4" high	11	7278	Contact wire section, 91/8"
5	7019	Contact wire section, 14 ¹ / ₈ "	2	7262	Truss bridge	8	7511	
21	7023	Make-up section with plug connection,	ī	7263	Arch bridge	2	7511	Bridge mast
	1020	average installed length 23/4"	2	7268	Straight ramp section, 7"	2		Transformers 30 VA (16 VA)
1	7201	Feeder mast with 2 leads, with suppressor	6	7269	Curved ramp section, R 171/4", 30°			
5	7278	Contact wire section, 91/4"	5	7284				
1	1210	Transformer 30 VA (16 VA)	2	1204	Sidewalk lamp Transformers 30 VA	Page	30	
		Transformer ou VA (10 VA)	10	7000				Each No. Designation
11136			4	7101	Staples Lead, single core, 33', blue	4 La	yout 6'	11" x 3' 31/4"
Page	28		2	7101		11	E100	Curved track coation D 14// 200
with the		the master the same or parties	2	7102		14	5100	Curved track section, R 14", 30°
3 La	yout 6'	11" x 3' 31/4"	5	7103		29	5106	Straight track section, 7"
13	5100	Curved track section, R 14", 30°			=======================================	5	5107	Straight track section, 31/2"
.0	0100	Ourvou track Section, R 14 , 30	11	7111	Sleeve, brown	6	5108	Straight track section, 13/4"



Each	No.	Designation Rollsangland AM dos	Each	No.	Designation			Each	No.	Designation Moderation designation designation
3	5109	Straight track section, 11/4"	50	7115	Sleeve, red			6	7015	Contact wire section, male portion,
11	5110	Straight track section, 7/8"	2	7117	Sleeve, grey					average installed length 33/4"
4	5112	Uncoupling track section, 31/2"	15	7131	Plug with side socket, brown			19	7018	Contact wire section, 105/8"
4	5113	Lighting mast for uncoupling track section	20	7132	Plug with side socket, yellow			8	7019	Contact wire section, 141/8"
1	5117	Pair of solenoid-operated turnouts	29	7133	Plug with side socket, green			33	7023	Make-up sections with plug connection.
4	5120	Curved track section, R 111/4", 45°	50	7135	Plug with side socket, red					average installed length 23/4"
1	5128	Double slip switch	2	7137	Plug with side socket, grey			12	7201	Feeder mast with 2 cables, with suppressor
2	5131	Feeder track section, straight, 7",			Pair of anthing in a material and			1	7277	Crossing section
		with suppressor						14	7278	Contact wire section, 91/4"
12	5200	Curved track section, R 171/4", 30°	Pag	e 31				5	7511	Bridge mast
3	5202	Pair of solenoid-operated turnouts	· ag	7282				1	5272	Transformer 30 VA (16 VA)
2	5205	Curved track section, R 171/4", 5° 43'	2	7900						Table 1 Instrument of Vit (16 Vit)
1	5206	Curved track section, R 171/4", 24° 17'	4 L	ayout 6'	11" x 3' 31/4" with catenary sys	tem				
4	5208	Straight track section, 1/4"	12	7004	Fixing set (more if required)			Page	. 22	
2	5214	Symmetrical three-way slip	6	7004	Catenary set for signals			raye	7 33	
2	7038	Warning signal	27	7003	Catenary mast				7000	7 3' 11" Stanles Stanles 0007
2	7040	Home signal	2	7009	Feeder mast with 1 lead			5 La	yout 8' x	7107 Lead single consists 1007
4	7042	Track blocking signal	1	7012	Contact wire section with plug		lion	25	5100	Curved track section, R 14", 30°
1	7047			7013	average installed length 81/4"	Connec	tion,	38	5106	Straight track section, 7"
5	7048	Arc lamp	15	7014	9	a while to		9	5107	Straight track section, 7 Straight track section, 31/2"
1	7051	The state of the s	15	7014	Contact wire section, female po	ortion,		4	5107	
	7001		19	7015	average installed length 3³/4"			4	5109	
6	7072		19	7015	Contact wire section, male port	lion,		3	5110	2
3	7171		10	7010	average installed length 3 ³ / ₄ "			1	5111	
1	7187		12	7018	Contact wire section, 10 ⁵ / ₈ "			2	5112	
1	7188		5	7019	Contact wire section, 141/8"	0011		2	5113	Uncoupling track section, 31/2" Lighting mast for uncoupling track section
3	7190	Light home signal Buffer stop	30	7023	Make-up section with plug con	nection,		5	5129	
2	7191		•	7004	average installed length 23/4"	6027	24.7			
6	7209	Buffer stop, with signal light Distributor panel	2	7201	Feeder mast with 2 leads, with	suppres	sor	1	5131	Feeder track section, straight, 7", with suppressor
11	7250		1	7277	Crossing section			0	E140	
9	7251	Base plate, 1/10" high	10	7278	Contact wire section, 91/4"			2 8	5140	Pair of solenoid-operated turnouts
15	7252	Base plate, 1/8" high	6	7511	Bridge mast			4	5200	Curved track section, R 17¹/4", 30°
2		Pier, 1/4" high	2		Transformers 30 VA (16 VA)			2	5202	Pair of solenoid-operated turnouts
3	7262	Lattice bridge							5205 5206	Curved track section, R 171/4", 5° 43'
3	7268	Straight ramp section, 7"	-40					1		Curved track section, R 171/4", 24° 17'
	7269	Curved ramp section, R 171/4"	Pag	e 32				1	5207	Double slip switch
2	7280	Street light, modern style						1 0	7028	Locomotive roundhouse
2	7284	Sidewalk lamp	5 L	ayout 8'	x 3' 11" with catenary system			1	7036	Warning signal
	7000	Transformers 30 VA		7004	Lead, single core, 331, red			2	7038	Warning signal
15	7000	Staples	3	7004	Fixing set (more if required)			1	7039	Home signal
1	7100	Lead, single core, 33', grey	7	7005	Catenary set for signals			1	7040	Home signal
4	7101	Lead, single core, 33', blue	39	7009	Mast for overhead conduct			2	7041	Home signal
2	7102	Lead, single core, 33', brown	1	7010	Feeder mast with 2 leads			4	7042	Track blocking signal
2	7103	Lead, single core, 33', yellow	3	7012	Feeder mast with 1 lead	eerr\	135	3	7048	Arc lamp
2	7105	Lead, single core, 33', red	6	7013	Contact wire section with plug	connect	ion,	7	7072	Control panel
12	7111	Sleeve, brown	46	7611	average installed length 81/4"	7131		3	7171	Sound damping strips
15	7112	Sleeve, yellow	4	7014	Contact wire section, female po	ortion,		128	7186	Turntable with motorised drive
29	7113	Sleeve, green			average installed length 33/4"			125011	7187	Light warning signal



Each	No.	Designation not suggest			Each	No.	Designation notangles on the a	Each	No.	Designation Molasolas O AA rosa
1	7188	Light home signal			8	5120	Curved track section, R 111/4", 45°	2	7134	Plug with side socket, orange
2	7190	Buffer stop			4	5129	Straight track section, 23/4"	140	7135	Plug with side socket, red
1	7191	Buffer stop, with signal light			5	5131	Feeder track section, straight, 7",	2	7137	Plug with side socket, grey
7	7209	Distributor panel					with suppressor			4 5113 Lighting meet for uncoupling to
6	7250	Base plate, 1/10" high			2	5140	Pair of solenoid-operated turnouts			
2	7251	Base plate, 1/8" high			9	5146	Switching track section, 31/2"	Page	35	4 5120° Curved track section, di 11549
16	7252	Pier, 1/4" high			20	5200	Curved track section, R 171/4", 30°		7133	1 5128 Doubts slip weitdraid 8128 1
16	7253	Pier, 11/4" high			5	5202	Pair of solenoid-operated turnouts			2 6131 Feedertredt signification (1914)
2	7263	Arch bridge			5	5206	Curved track section, R 171/4", 24° 17'	6 La	yout 12	1" x 5' 1" with catenary system
1	7267	Curved ramp section, R 14"			16	5207	Double slip switch	18	7003	Catenary system feeder lead
5	7268	Straight ramp section, 7"			15	5210	Straight track section, 5/8"	30	7004	Fixing set (more if required)
4	7280	Street lamp, modern design			21	5211	Crossing	12	7005	Catenary set for signals
3	7284	Sidewalk lamp			6	7036	Warning signal	108	7006	Contact wire insulator
1	1201	Lighting transformer 40 VA			21	7038	Warning signal	50	7009	Catenary mast
1		Transformer 30 VA			6	7039	Home signal	3	7013	Contact wire section, with plug connection,
15	7000	Staples			1	7041	Home signal		7010	average installed length 81/4"
4	7101	Lead, single core, 33', blue			8	7042	Track blocking signal	71	7014	Contact wire section, female portion,
2	7102	Lead, single core, 33', brown			2 10	7047	Station lamp		7009	average installed length 33/4"
1	7103	Lead, single core, 33', yellow			13	7048	Arc lamp bellstent ensure	79	7015	Contact wire section, male portion,
2	7105	Lead, single core, 33', red			1	7051	Remote-controlled slewing crane with	9	7010	average installed length 33/4"
10	7111	Sleeve, brown				7049	lifting magnet	14	7016	Cross span 15 ¹ / ₂ "
8	7112	Sleeve, yellow			15	7072	Control panel	12	7017	Cross span 11"
28	7113	Sleeve, green			11	7171	Sound damping strips	43	7018	Contact wire section, 10 ⁵ / ₈ "
6	7114	Sleeve, orange			3	7187	Light warning signal	34	7019	Contact wire section, 141/8"
35	7115	Sleeve, red			3	7188	Light home signal	52	7013	Tower mast
1 10	7117	Sleeve, grey			8	7191	Buffer stop, with signal light	18	7022	Insulator section, average installed
10	7131	Plug with side socket, brown			14	7209	Distributor panel	10	7022	length 3 ³ / ₄ "
10	7132	Plug with side socket, yellow			2	7245	Universal remote control switch	85	7023	Make-up section with plug connection,
31	7133	Plug with side socket, green			3	7280	Street lamp, modern design	00	1020	average installed length 2 ³ / ₄ "
6	7134	Plug with side socket, green			3	7284	Sidewalk light	18	7025	Cantilever support arm
40	7135	Plug with side socket, red			1	7201	Lighting transformer 40 VA	5	7201	Feeder mast with 2 leads, with suppressor
1	7137	Plug with side socket, grey			5		Transformers 30 VA	5	7277	Crossing section
	ADA O	Trug with side socket, grey			36	7000	Staples	21	7278	Contact wire sections, 91/8"
					1	7100	Lead, single core, 33', grey	5	1210	Transformers 30 VA (16 VA)
Page	24				19	7101	Lead, single core, 33', blue	3		Transformers 50 VA (10 VA)
raye	34				6	7101	Lead, single core, 33', brown			
		Language Language Language			5	7102		D	00	1 7284 Sidowalkilamps aremrotanant
6 La	yout 12'	1" x 5' 1"			11	7105	Lead, single core, 33', yellow Lead, single core, 33', red	Page	30	
* 2	5004	Supply lead for central track co	nducto		25	7111	Sleeve, brown			
24	5100	Curved track section, R 14", 30		,	45	7112	Sleeve, yellow	7 La	yout 7' 4	" x 4' 1" with catenary system
152	5106	Straight track section, 7"			70	7113	Sleeve, green	9	7004	Fixing set (more if needed)
20	5107	Straight track section, 7 Straight track section, 31/2"			2	7113	Sleeve, orange	7	7004	Catenary set for signals
1	5107	Straight track section, 3 ¹ / ₂ Straight track section, 1 ³ / ₄ "			135	7114	Sleeve, red	46	7009	Catenary mast
5	5109	Straight track section, 13/8"			2	7115	Sleeve, grey	40	7009	Contact wire section with plug connection,
7	5111	Feeder track section, 13/8	7"		35		Plug with side socket, brown	4	7013	average installed length 83/4"
8	5112	Uncoupling track section, \$1/2"	2488		60	7131 7132	Plug with side socket, brown Plug with side socket, yellow	30	7014	Contact wire section, female portion,
8	5113	Lighting mast for uncoupling tr	nok oo	otion	70	7132	Plug with side socket, green	30	7014	average installed length 33/4"
	0110	Lighting mast for uncoupling tr	ack sec	MOII	10	7100	Ting with side socker, green			avorago instanca length o /4

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Each	No.	Designation notherplaced No. 1063	Each	No.	Designation nothingles 0	Each	No.	Designation notingpied .ou designation
37	7015	Contact wire section, male portion,	3	7171	Sound damping strips	8	5110	Straight track section, 7/8"
		average installed length 33/4"	1	7186	Turntable with motorised drive	2	5111	Feeder track section, straight, 7"
17	7018	Contact wire section, length 105/8"	1	7187	Light warning signal	3	5112	Uncoupling track section, 31/2"
8	7019	Contact wire section, length 141/8"	11	7188	Light home signal	3	5113	Light mast for uncoupling track section
1	7022	Insulator section, average installed	3	7190	Buffer stop	2	5115	Contact track section, straight, 7"
		length 33/4"	2	7191	Buffer stop with signal light	21	5117	Pair of solenoid-operated turnouts
39	7023	Make-up section with plug connection,	7	7209	Distributor panel	2	5131	Feeder track section, straight, 7",
		average installed length 23/4"	26	7250	Base plate, 1/10" high			with suppressor
3	7201	Feeder mast with 2 leads, with suppressor	22	7251	Base plate, 1/8" high	3	5140	Pair of solenoid-operated turnouts
8	7278	Contact wire section, length 91/4"	42	7252	Pier, 1/4" high	10	5200	Curved track section, R 171/4", 30°
18	7511	Bridge mast	408	7262	Lattice bridge	1	5202	Pair of solenoid-operated turnouts
3		Transformers 30 VA (16 VA)	2	7263	Arch bridge	1	5205	Curved track section, R 171/4", 5° 43'
			4	7267	Curved ramp section, R 14"	1	5206	Curved track section, R 171/4", 24° 17'
	5140		6	7268	Straight ramp section, 7"	1	5214	Symmetrical three-way slip
Page	37		4	7269	Curved ramp section, R 171/4"	1	7028	Locomotive roundhouse
7 1 2	out 7' 4	" x 4' 1" Hose quies beviud 4' . 2097 8	4	7280	Street lamp, modern design	2	7036	Warning signal
, Lay	out 7 4	3 7280 m Street lamp (modern design	3	7284	Sidewalk lamp	2	7039	Home signal
12	5100	Curved track section, R 14", 30°	3		Transformers 30 VA	4	7042	Track blocking signal
1	5102	Curved track section, R 14", 7° 30'	14	7000	Staples	2	7047	Station lamp
57	5106	Straight track section, 7"	1	7100	Lead, single core, 33', grey	9	7048	Arc lamp
4	5107	Straight track section, 31/2"	5	7101	Lead, single core, 33', blue	1	7051	Remote-controlled slewing crane with
7	5108	Straight track section, 13/4"	3	7102	Lead, single core, 33', brown			lifting magnet
8	5109	Straight track section, 13/8"	2	7103	Lead, single core, 33', yellow	6	7072	Control panel
1	5110	Straight track section, 7/8"	3	7105	Lead, single core, 33', red	4	7171	Sound damping strips
1	5111	Feeder track section, straight, 7"	15	7111	Sleeve, brown	4	7187	Light warning signal
5	5112	Uncoupling track section, 31/2"	25	7112	Sleeve, yellow	1	7188	Light home signal
5	5113	Light mast for uncoupling track section	29	7113	Sleeve, green	3	7191	Buffer stop, with signal light
1	5117	Pair of solenoid-operated turnouts	2	7114	Sleeve, orange	1	7192	Grade crossing, fully automatic
8	5120	Curved track section, R 111/4", 45°	40	7115	Sleeve, red	7	7209	Distributor panel
1	5129	Straight track section, 23/4"	2	7117	Sleeve, grey	15	7250	Base plate, 1/10" high
3	5131	Feeder track section, 7", with suppressor	21	7131	Plug with side socket, brown	6	7251	Base plate, 1/8" high
2	5140	Pair of solenoid-operated turnouts	30	7132	Plug with side socket, yellow	22	7252	Pier, 1/4" high
8	5200	Curved track section, R 171/4", 30°	29	7133	Plug with side socket, green	7	7253	Pier, 1 ¹ / ₄ " high
4	5202	Pair of solenoid-operated turnouts	2	7134	Plug with side socket, orange	1	7263	Arch bridge
2	5205	Curved track section, R 171/4", 5° 43'	40	7135	Plug with side socket, red	5	7268	Straight ramp section, 7"
2	5206	Curved track section, R 171/4", 24° 17'	2	7137	Plug with side socket, grey	6	7269	Curved ramp section, R 171/4"
1	5210	Straight track section, 5/8"				3	7280	Street lamp, modern design
1	7028	Locomotive roundhouse	_ 1	50 430		2		Transformers 30 VA
2	7038	Warning signal	Page	38		11	7000	Staples
1	7040	Home signal	R la	Vout 7' 4	" x 4' 1" ibnuar evitomood 8207	4	7101	Lead, single core, 33', blue
1	7041	Home signal	U La	yout 1 4	1 7036 Warning signal	3	7102	Lead, single core, 33', brown
5	7042	Track blocking signal	16	5100	Curved track section, R 14", 30°	2	7103	Lead, single core, 33', yellow
1	7047	Station lamp	2	5101	Curved track section, R 14", 15°	2	7105	Lead, single core, 33', red
8	7048	Arc lamp	3	5102	Curved track section, R 14", 7° 30'	15	7111	Sleeve, brown
1	7051	Remote-controlled slewing crane with	43	5106	Straight track section, 7"	17	7112	Sleeve, yellow
	7108a	lifting magnet	3	5107	Straight track section, 31/2"	28	7113	Sleeve, green
7	7072	Control panel	5	5108	Straight track section, 13/4"	35	7115	Sleeve, red
	. 312	Common parison with the state of the state o		2.00		00		5.5515, 10d



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2	7117	Sleeve, grey		19	7015	Contact wire section, male portion,	21	7051	Remote-controlled slewing cra	ane with	
20	7131	Plug with side socket, brown				average installed length 33/4"			lifting magnet		
20	7132	Plug with side socket, yellow		4	7017	Cross span, 11"	6	7072	Control panel		
28	7133	Plug with side socket, green		19	7018	Contact wire section, 105/6"	5	7171	Sound damping strips		
40	7135	Plug with side socket, red		7	7019	Contact wire section, 141/8"	1	7186	Turntable with motorised drive	7022	
2	7137	Plug with side socket, grey		8	7021	Tower mast	Pate	7187	Light warning signal		
		Feeder track section, straight		13	7022	Insulator section, average installed	1	7188	Light home signal	7023	
Dogo	20			31	7023	length 3 ³ /4" Make-up section with plug connection,	100	7190 7192	Buffer stop Grade crossing, fully automati	72012	
Page	39			0,	F207	average installed length 2 ³ / ₄ "	9	7209	Distributor panel	7278	
		// Al A//th	1 5202	2	7201	Feeder mast with 2 leads, with suppressor	8	7250	Base plate, 1/10" high		
8 La	yout 7 4	" x 4' 1" with catenary system	1 5205	22	7278	Contact wire section, 91/4"	32	7252	Pier, 1/4" high		
8	7004	Fixing set (more if needed)		9	7511	Bridge mast	24	7253	Pier, 11/4" high		
6	7005	Catenary set for signals		2		Transformers 30 VA (16 VA)	501	7263	Arch bridge		
35	7009	Catenary mast				4 7269 Curved ramp section, R. 17/14"	31	7268	Straight ramp section, 7"	aanna M	
1	7010	Feeder mast with 2 leads					8	7269	Curved ramp section, R 171/4"		
8	7013	Contact wire section with plug	connection				3	7280	Street lamp, modern design		
	7010	average installed length 81/4"	Sacr	Page	41		2	7282	Square and street lamp		
19	7014	Contact wire section, female po	ortion	13	2048		5	7284	Sidewalk lamp		
	70.7	average installed length 33/4"	8407 9	0 10	01 0	Al On Al On Alanda earl and Alanda earl	1		Lighting transformer 40 VA		
20	7015	Contact wire section, male por	tion	9 La	yout 8 A	2" x 4' 3"	2		Transformers 30 VA		
	70.0	average installed length 33/4"	,	17	5100	Curved track section, R 14", 30°	16	7000	Staples		
9	7018	Contact wire section, 105/8"		42	5106	Straight track section, 7"	431	7100	Lead, single core, 33', grey		
13	7019	Contact wire section, 141/8"		14	5107	Straight track section, 31/2"	5	7101	Lead, single core, 33', blue		
35	7023	Make-up section with plug con	nection	4	5108	Straight track section, 13/4"	3	7102	Lead, single core, 33', brown		
- 00	1020	average installed length 23/4"	8817	4	5109	Straight track section, 13/8"	2	7103	Lead, single core, 33', yellow		
2	7201	Feeder mast with 2 leads, with	suppressor	5	5110	Straight track section, 7/8"	4	7105	Lead, single core, 33', red		
3	7278	Contact wire section, 91/8"	oupproceer.	3	5111	Feeder track section, straight, 7"	20	7111	Sleeve, brown		
10	7511	Bridge mast		3	5112	Uncoupling track section, 31/2"	25	7112	Sleeve, yellow		
2	7112	Transformers 30 VA (16 VA)		3	5113	Light mast for uncoupling track section	30	7113	Sleeve, green		
_		Transferment co vit (10 vit)		2	5115	Contact track section, straight, 7"	40	7115	Sleeve, red		
				2	5117	Pair of solenoid-operated turnouts	2	7117	Sleeve, grey		
Page	40			2	5129	Straight track section, 23/4"	32	7131	Plug with side socket, brown		
raye	70			2	5131	Feeder track section, straight, 7",	30	7132	Plug with side socket, yellow		
0 10	01 0	" x 4' 3" with catenary system	5 7268			with suppressor	30	7133	Plug with side socket, green		
9 La	youl o 2	X 4 3 Willi Calenary System	6 7269	23	5200	Curved track section, R 171/4", 30°	56	7135	Plug with side socket, red		
3	7003	Catenary system feeder lead		4	5202	Pair of solenoid-operated turnouts	2	7137	Plug with side socket, grey		
12	7004	Fixing set (more if needed)		7	5205	Curved track section, R 171/4", 5° 43'			Locomotive roundhouse		
5	7005	Catenary set for signals		1	5206	Curved track section, R 171/4", 24° 17'					
12	7006	Contact wire insulator		1	7028	Locomotive roundhouse	Page	42			
45	7009	Catenary mast		1	7036	Warning signal	. 490	7004			
3	7010	Feeder mast with 2 leads		1	7038	Warning signal	10 1	avout el	2" x 4' 3"		
1	7012	Feeder mast with 1 lead		1351	7039	Home signal	IU L	ayout 6	Station lamp team values		
7	7013	Contact wire section with plug	connection.	1	7040	Home signal	3	5004	Feeder lead for centre track c	onducto	rm8
		average installed length 81/4"	17 7112	6	7042	Track blocking signal	13	5100	Curved track section, R 14", 30		
28	7014	Contact wire section, female pe	ortion.	2	7047	Station lamp	301	5101	Curved track section, R 14", 15		
8.		average installed length 33/4"	25 Mintion 25	8	7048	Arc lamp	3	5102	Curved track section, R 14", 7		
		a. Trago motanou longtil o /4			. 3.3						



Each	No.	Designation notangled on do	Each	No.	Designation moltangleeQ		Each	Each	No.	Designation not applied of
55	5106	Straight track section, 7"	2	7102	Lead, single core, 33', brown			2	7010	Feeder mast with 2 leads
14	5107	Straight track section, 31/2"	2	7103	Lead, single core, 33', yellow			13	7013	Contact wire section with plug connection
9	5108	Straight track section, 13/4"		7105	Lead, single core, 33', red					average installed length 81/4"
7	5109	Straight track section, 13/8"	15	7111	Sleeve, brown			18	7014	Contact wire section, female portion,
1	5110	Straight track section, 7/8"	20	7112	Sleeve, yellow					average installed length 33/4"
1	5111	Feeder track section, straight, 7"	40	7113	Sleeve, green			24	7015	Contact wire section, male portion,
7	5112	Uncoupling track section, 31/2"	50	7115	Sleeve, red					average installed length 33/4"
7	5113	Light mast for uncoupling track section	2	7117	Sleeve, grey			28	7018	Contact wire section, 105/8"
1	5117	Pair of solenoid-operated turnouts	20	7131	Plug with side socket, brown			11	7019	Contact wire section, 141/8"
1	5128	Double slip switch	40	7132	Plug with side socket, yellow			101	7022	Insulator section, average installed
2	5129	Straight track section, 23/4"	49	7133	Plug with side socket, green					length 33/4"
1	5131	Feeder track section, straight, 7",	60	7135				30	7023	Make-up section with plug connection,
		with suppressor	2	7137						average installed length 23/4"
1	5140	Pair of solenoid-operated turnouts		7 1990	null bets enouble ne feet en state			3	7201	Feed mast with 2 leads, with suppressor
6	5200	Curved track section, R 171/4", 30°						3	7277	Crossing section
2	5201	Curved track section, R 171/4", 15°	Pag	- 43				17	7278	Contact wire section, 91/4"
4	5202	Pair of solenoid-operated turnouts	· ug	7190				11	7511	Bridge mast
2	5205	Curved track section, R 171/4", 5° 43'	10	avout 0	2" x 4' 3" with catenary system			3		Transformers 30 VA (16 VA)
2	5206	Curved track section, R 171/4", 24° 17'	IV.	_ayout o	2 X 4 3 Willi Calellary System	7039				7288 on Straighty ambigger/land 7" in Particular 1" in Pa
2	5207	Double slip switch	12	7004	Fixing set (more if needed)					
1	7028	Locomotive roundhouse	7	7005	Catenary set for signals			Page	45	
6	7039	Home signal	52	7009				. ago	5205	
4	7042	Track blocking signal		7010	Feeder mast with 2 leads			44 1.0	would 7/	4 ¹ /2" x 4' 11"
2	7047	Station lamp	6	7012	Feeder mast with 1 lead			II La	iyout 7	4'/2 X 4 II
3	7048	Arc lamp	10	7013	Contact wire section with plug	connec	ction,	37	5100	Curved track section, R 14", 30°
8	7072	Control panel			average installed length 81/4"		a	1	5101	Curved track section, R 14", 15°
5	7171	Sound damping strips	34	7014	Contact wire section, female po	ortion,		1	5102	Curved track section, R 14", 7° 30'
1	7186	Turntable with motorised drive			average installed length 33/4"	7188		41	5106	Straight track section, 7"
5	7190	Buffer stop	25	7015	Contact wire section, male port	tion,		12	5107	Straight track section, 31/2"
6	7191	Buffer stop, with signal light			average installed length 33/4"	7191		8	5108	Straight track section, 13/4"
0	7209	Distributor panel	25	7018	Contact wire section, 105/8"			4	5109	Straight track section, 13/8"
4	7210	Switch panel	12	7019	Contact wire section, 141/8"			4	5110	Straight track section, 7/8"
0	7250	Base plate, 1/10" high	58	7023	Make-up section with plug con	nection	ı. g	2	5111	Feeder track section, straight, 7"
0	7251	Base plate, 1/8" high			average installed length 23/4"		8	5	5112	Uncoupling track section, 31/2"
0	7253	Pier, 11/4" high	21	7201	Feeder mast with 2 leads, with	suppre	ssor	5	5113	Lighting mast for uncoupling track sectio
1	7262	Lattice bridge	3	7277	Crossing section	7262		4	5117	Pair of solenoid-operated turnouts
2	7263	Arch bridge		7511				5	5129	Straight track section, 23/4"
1	7268	Straight ramp section, 7"	151	7111				3	5131	Feeder track section, straight, 7",
0	7269	Curved ramp section, R 17 ¹ / ₄ "	20						7120	with suppressor
2	7280	Street lamp, modern design						13	5200	Curved track section, R 171/4", 30°
1	7282	Square and street lamp	Pag	0 44				11	5201	Curved track section, R 171/4", 15°
3	7284	Sidewalk lamp		7117				4	5202	Pair of solenoid-operated turnouts
1	7204	Lighting transformer 40 VA		7131		OGOV		2	5206	Curved track section, R 171/4", 24° 17'
1		Transformer 20 VA		ayout 7'	$4^{1/2}$ " x 4' 11" with catenary sy	stem		3	5207	Double slip switch
5	7000	Staples	14	7004	Fixing set (more if needed)			2	5210	Straight track section, 5/8"
1	7100	Lead, single core, 33', grey	8	7004				1	7036	Warning signal
1	7100	Lead, single core, 33, grey		7009				21	7038	Warning signal



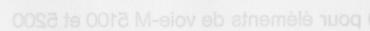
Each	No.	Designation noisage of		Each	No.	Designation deliangles DAM dos3	Each	n No.	Designation noilsepleed LOW dos3
2	7039	Home signal		10	5107	Straight track section, 31/2"	3	7105	Lead, single core, 33', red
Anoits	7041	Home signal		11	5108	Straight track section, 13/4"	12	7111	Sleeve, brown
4	7042	Track blocking signal		3	5109	Straight track section, 13/8"	20	7112	Sleeve, yellow
2	7047	Station lamp		8	5110	Straight track section, 7/8"	41	7113	Sleeve, green
7	7047	Arc lamp		1	5111	Feeder track section, straight, 7"	45	7115	Sleeve, red
9	7072	Control panel		5	5112	Uncoupling track section, 31/2"	2	7117	Sleeve, grey
6	7171	Sound damping strips		5	5113	Lighting mast for uncoupling track section	15	7131	Plug with side socket, brown
1	7171	Light warning signal		2	5115	Contact track section, 7"	40	7132	Plug with side socket, yellow
Donne	7188	Light home signal		3	5129	Straight track section, 2 ³ / ₄ "	41	7133	Plug with side socket, green
4				1	5131	Feeder track section, straight, 7",	45	7135	Plug with side socket, red
	7190	Buffer stop with signal light			3101	with suppressor	2	7137	Plug with side socket, grey
4	7191	Buffer stop, with signal light		3	5140	Pair of solenoid-operated turnouts	- 10	72537	5131 Feeder track seption, straight
8	7209	Distributor panel		14	5200	Curved track section, R 17 ¹ / ₄ ", 30°			
17	7250	Base plate, 1/10" high		5	5202	Pair of solenoid-operated turnouts	Pac	ie 47	
9	7251	Base plate, 1/8" high		3	5202	Curved track section, R 17 ¹ / ₄ ", 5° 43'		22806	
35	7252	Pier, 1/4" high		5	5205	Curved track section, R 17 ¹ / ₄ ", 24° 17'	10	Lavout 9'	4 ¹ / ₂ " x 4' 11" with catenary system
30	7253	Pier, 11/4" high			5206		12	Layout	4-72 X 4 11 With Catenary System
1	7262	Lattice bridge		2 2	7036	Double slip switch	9	7004	Fixing set (more if needed)
10	7267	Curved ramp section, R 14"				Warning signal	7	7005	Catenary set for signals
7	7268	Straight ramp section, 7"		2	7039	Home signal Track blocking signal	81	7009	Catenary mast
3	7280	Street lamp, modern design			7042	Track brooking digital	91	7010	Feeder mast with 2 leads
2	7281			2	7047	Otation lamp	8	7012	Feeder mast with 1 lead
2	7282	Square and street lamp		8	7048	Alelamp	9	7013	Contact wire section with plug connection,
7	7284			421	7051	Remote-controlled slewing crane with		7010	average installed length 81/4"
1		Lighting transformer 40 VA		19	5107	ming magnet	18	7014	Contact wire section, female portion,
3		Transformers 30 VA		9	7072	Control panel	10	7101	average installed length 33/4"
18	7000	Staples		6	7171	Sound damping strips	26	7015	Contact wire section, male portion,
7	7101	Lead, single core, 33', blue		2	7187	Light Warning Signal		7013	average installed length 3 ³ / ₄ "
3	7102	Lead, single core, 33', brown		2	7188	Light home signal	38	7018	Contact wire section, 10 ⁵ / ₈ "
3	7103	Lead, single core, 33', yellow		4	7190	Buffer stop	15	7010	Contact wire section, 141/8"
3	7105	Lead, single core, 33', red		4	7191	Buffer stop, with signal light		7019	Insulator section, average installed
25	7111	Sleeve, brown		1	7192	Grade crossing, fully automatic	401	1022	
25	7112	Sleeve, yellow		8	7209	Distributor panel	-50	7000	length 3 ³ / ₄ "
38	7113	Sleeve, green		2	7250	Base plate, 1/10" high	59	7023	Make-up section with plug connection,
4	7114	Sleeve, orange		8	7252	Pier, 1/4" high	39	7004	average installed length 23/4"
52	7115	Sleeve, red		6	7253	Pier, 11/4" high	301	7201	Feeder mast with 2 leads, with suppressor
35	7131	Plug with side socket, brown		2	7262	Lattice bridge	2	7277	Crossing section
35	7132	Plug with side socket, yellow		1	7263	Arch bridge	11	7278	Contact wire section, 91/4"
38	7133	Plug with side socket, green		4	7280	Street light, modern design	2	7511	Bridge mast
4	7134	Plug with side socket, orange		3	7282	Square and street lamp	1		Transformer 30 VA (16 VA)
60	7135	Plug with side socket, red	5200	5	7284	Sidewalk lamp			
		Curved track section, RTPA"		1		Lighting transformer 40 VA			
				1		Transformer 30 VA	Pag	ge 48	
Page	46			17	7000	Staples			
		Dodbie stip switter with the indicate		1	7100	Lead, single core, 33', grey	13	Lavout 10	' 2" x 4' 11" with catenary system
12 La	ayout 8'	4 ¹ / ₂ " x 4' 11"		10	7101	Lead, single core, 33', blue	19	5100	Curved track section asiquation 7000 7
25	5100	Curved track section, R 14", 3	00	2	7102	Lead, single core, 33', brown	3	7003	Catenary system feeder lead
64	5106	Straight track section, 7"	7038	2	7103	Lead, single core, 33', yellow	11	7004	Fixing set (more if needed)



ach	No.	Designation Designation No. Designation	Each	No.	Designation Accomplised OM Accomplish	Each	No.	Designation noting/seQ
10	7005	Catenary set for signals	1000	5207	Double slip switch	Page	50	
53	7009	Catenary mast	. 1	7028	Locomotive roundhouse	120	7115	
2	7010	Feeder mast with 2 leads	1	7036	Warning signal	14 La	evout 10'	2" x 5' 3" on gmal teet2 0831
1	7012	Feeder mast with 1 lead	3	7038	Warning signal	60	7.13	7281 Plantemanable tille pull
12	7013	Contact wire section with plug connection,	1	7039	Home signal	40	5100	Curved track section, R 14", 30°
		average installed length 81/4"	4	7040	Home signal	1	5102	Curved track section, R 14", 7° 30'
18	7014	Contact wire section, female portion,	6	7042	Track blocking signal	84	5106	Straight track section, 7"
		average installed length 33/4"	2	7047	Station lamp	13	5107	Straight track section, 31/2"
25	7015	Contact wire section, male portion,	9	7048	Arc lamp	5	5108	Straight track section, 13/4"
		average installed length 33/4"	1	7051	Remote-controlled slewing crane with	10	5109	Straight track section, 13/8"
33	7018	Contact wire section, 10 ⁵ /8"	-	200004	lifting a second at	11	5110	Straight track section, 7/8"
30	7019	Contact wire section, 141/8"	10	7072	Control namel	2	5111	Feeder track section, straight, 7"
2	7022	Insulator section, average installed	3	7171	Cound domning strip	6	5112	Uncoupling track section, 31/2"
-	TOLL	length 3 ³ / ₄ "	1	7186	+	6	5113	Lighting mast for uncoupling track section
10	7023	Make-up connection with plug connection,	1	7187	Lightwaysing signal	3	5117	Pair of solenoid-operated turnouts
Ю	1023	average installed length 2 ³ / ₄ "	1	7188	Light main almost	9	5129	
2	7201	Feeder mast with 2 leads, with suppressor	2	7190	The state of the s	3	5129	Straight track section, 23/4"
			3		Duffer stee with sine of thebt	3	3131	Feeder track section, straight, 7",
1	7277	Crossing section		7191	Buffer stop, with signal light	0	F4.40	with suppressor
5	7278	Contact wire section, 91/4"	9	7209	Distributor panel	3	5140	Pair of solenoid-operated turnouts
2	7511	Bridge mast	72	7250	Base plate, 1/10" high	20	5200	Curved track section, R 17 ¹ / ₄ ", 30° Pair of solenoid-operated turnouts
2		Transformers 30 VA (16 VA)	36	7251	Base plate, 1/8" high	1	5202	Pair of solenoid-operated turnouts
		7 7103 (Lead, single const.63 Lyellow	131	7252	Pier, 1/4" high	1	5205	Curved track section, R 171/4", 5° 43'
age	49		137	7253	Pier, 11/4" high	4	5206	Curved track section, R 171/4", 24° 17'
age	70		8	7262	Lattice bridge	2	5214	Symmetrical three-way switch
La	ayout 10'	2" x 4' 11" wolley ever 2 11" 04	5	7263	Arch bridge	1	7028	Locomotive roundhouse
			4	7280	Street lamp, modern design	2	7038	Warning signal
1	5100	Curved track section, R 14", 30°	3	7281	Platform lamp	1	7039	Home signal
1	5101	Curved track section, R 14", 15°	2	7282	Square and street lamp	2	7040	Home signal
2	5102	Curved track section, R 14", 7° 30'	6	7284	Sidewalk lamp	6	7042	Track blocking signal
6	5106	Straight track section, 7"	1		Lighting transformer 40 VA	2	7047	Station lamp
0	5107	Straight track section, 31/2"	2		Transformers 30 VA	14	7048	Arc lamp
4	5108	Straight track section, 13/4"	20	7000	Staples	1	7051	Remote-controlled slewing crane with
3	5109	Straight track section, 13/8"	1	7100	Lead, single core, 33', grey			lifting magnet
7	5110	Straight track section, 7/8"	10	7101	Lead, single core, 33', blue	9	7072	Control panel
2	5111	Feeder track section, straight, 7"	2	7102	Lead, single core, 33', brown	9	7171	Sound damping strips
5	5112	Uncoupling track section, 31/2"	2	7103	1 1 -1 -1 00/ 11	1	7186	Turntable with motorised drive
5	5113	Lighting mast for uncoupling track section	3	7105	Land at all and a soul of	1017	7187	Light warning signal
1	5117	Pair of solenoid-operated turnouts	15	7111	Clasus hassan	i	7188	Light home signal
1	5128	David la alla avoltata	20	7112		3	7190	Buffer stop
7	5129	Straight track section, $2^3/4''$	44	7113	Classic succes	4	7190	D
2	5131	Feeder track section, straight, 7",	60	7115	Sleeve, red	12	7209	Buffer stop, with signal light
-	3131		3		Cloove arev			Distributor panel
,	E140	with suppressor		7117	Sleeve, grey	22	7250	Base plate, 1/10" high
-	5140	Pair of solenoid-operated turnouts	18	7131	Plug with side socket, brown	13	7251	Base plate, 1/8" high
5	5200	Curved track section, R 171/4", 30°	45	7132	Plug with side socket, yellow	35	7252	Pier, 1/4" high
7	5202	Pair of solenoid-operated turnouts	47	7133	Plug with side socket, green	53	7253	Pier, 11/4" high
	5205	Curved track section, R 17 ¹ / ₄ ", 5° 43' Curved track section, R 17 ¹ / ₄ ", 24° 17'	65	7135	Plug with side socket, red	3	7262	Lattice bridge
2	5206		3	7137	Plug with side socket, grey	2	7263	Arch bridge



Each	No.	Designation Company Co	Each	No.	Designation mollangued ou dos3	Each	No.	Designation Management of
15	7267	Curved ramp section, R 14"	3	7201	Feeder mast with 2 leads, with suppressor	5	7191	Buffer stop, with signal light
4	7268	Straight ramp section, 7"	10	7278	Contact wire section, 91/4"	24	7209	Distributor panel
4	7280	Street lamp, modern design	17	7511	Bridge mast	18	7250	Base plate, 1/10" high
4	7281	Platform lamp	3		Transformers 30 VA (16 VA)	2	7251	Base plate, 1/8" high
3	7282	Square and street lamp			Fander track saddala amonto 7807 1	37	7252	Pier, 1/4" high
7	7284	Sidewalk lamp				51	7253	Pier, 11/4" high
1		Lighting transformer 40 VA	Pac	e 52		4	7262	Lattice bridge
3		Transformers 30 VA	2	5115		4	7263	Arch bridge
20	7000	Staples			41/ // FI 0// 9 QmelonA 8407 0	2	7267	Curved ramp section, R 14"
1	7100	Lead, single core, 33', grey	15	Layout 13	11/2" x 5' 3"	10	7268	Straight ramp section, 7"
6	7101	Lead, single core, 33', blue	42	5100	Curved track section, R 14", 30°	21	7269	Curved ramp section, R 171/4"
4	7102	Lead, single core, 33', brown	1	5101	Curved track section, R 14", 15°	4	7280	Street lamp, modern design
4	7102	Lead, single core, 33', yellow	152	5106	Straight track section, 7"	6	7281	Platform lamp
5	7105	Lead, single core, 33', red	20	5107	Straight track section, 7 Straight track section, 31/2"	Paj	7282	Square and street lamp
20	7111	Sleeve, brown	8	5107	Straight track section, 3/2 Straight track section, 13/4"	3	7284	Sidewalk lamp
		Siceve, Diowii	9			12 1 1	1204	Lighting tranformer 40 VA
25	7112	Sieeve, yellow		5109	Straight track section, 13/8"	3		Transformers 30 VA
38	7113	Sieeve, green	4	5110	Straight track section, 7/8"	29	7000	Staples
38	7115	Sleeve, red	3	5111	Feeder track section, straight, 7"	1	7100	Lead, single core, 33', grey
3	7117	Sieeve, grey	8	5112	Uncoupling track section, 31/2"		7101	Lead, single core, 33', blue
25	7131	Flug with side socket, brown	8	5113	Lighting mast for uncoupling track section	15 7	7101	Lead, single core, 33', brown
33	7132	1 lug with side socket, yellow	3	5117	Pair of solenoid-operated turnouts			
43	7133	1 lug With Side Socket, green	10	5129	Straight track section, 23/4"	7	7103	Lead, single core, 33', yellow
55	7135	Plug with side socket, red	3	5131	reeder track section, straight, 7,	8	7105	Lead, single core, 33', red
3	7137	Plug with side socket, grey			with suppressor	40	7111	Sleeve, brown
X		Piers made of wood or similar material	2	5140	Pair of solenoid-operated turnouts	40	7112	Sleeve, yellow
			11	5200	Curved track section, R 171/4", 30°	71	7113	Sleeve, green
Page	51		8	5202	Pair of solenoid-operated turnouts	4	7114	Sleeve, orange
rag	631		4	5206	Curved track section, R 171/4", 24° 17'	125	7115	Sieeve, ieu
14 1	avout 10'	2" x 5' 3" with catenary system	8	5207	Double slip switch	4	7117	Sleeve, grey
14 .	ayout 10		4	5210	Straight track section, 5/8"	50	7131	Plug with side socket, brown
22	7004	Fixing set (more if needed)	3	5214	Symmetrical three-way slip	60	7132	Plug with side socket, yellow
9	7005	Catenary set for signals	1	7028	Locomotive roundhouse	71	7133	Plug with side socket, green
79	7009	Catenary mast	2	7038	Warning signal	4	7134	Plug with side socket, orange
2	7010	Feeder mast with 2 leads	1	7039	Home signal	140	7135	Plug with side socket, red
2	7012	Feeder mast with 1 lead	4	7040	Home signal	4	7137	Plug with side socket, grey
4	7013	Contact wire section with plug connection,	2	7041	Home signal			5112 Uncoupling traple segulate 35
35	7010	average installed length 81/4"	9	7042	Track blocking signal			
17	7014	Contact wire section, female portion,	4	7047	Station lamp			
"	7014	average installed length 3 ³ / ₄ "	10	7048	Arc lamp	Page	53	
20	7015	Contact wire section, male portion,	1	7051	Remote-controlled slewing crane with	. age	00	
28	7015			7031	lifting magnet		7".	5131 Feeder track section, straight
44	7010	average installed length 33/4"	17	7072	Control panel	15 La	yout 13'	11/2" x 5' 3" with catenary system
41	7018	Contact, wire section, 10%			Control panel	15	7003	Catenary feeder lead
28	7019	Contact wire section, 14 ¹ /8	10	7171	Sound damping strips		Contract to	Fixing sets (more if needed)
1	7022	Insulator section, average installed	1	7186	Turntable with motorised drive	20	7004	
	Talento.	length 3 ³ / ₄ "	1	7187	Light warning signal	10	7005	Catenary set for signals
65	7023	Make-up section with plug connection,	2	7188	Light nome signal	69	7006	Contact wire insulator
		average installed length 23/4"	6	7190	Buffer stop	87	7009	Catenary mast





Each	No.	Designation	Each	No.	Designation	Each	No.	Designation
3	7010	Feeder mast with 2 leads	3	5140	Pair of solenoid-operated turnouts	60	7113	Sleeve, green
1	7010	Feeder mast with 1 lead	26	5200	Curved track section, R 171/4", 30°	120	7115	Sleeve, red
14	7012	Contact wire section with plug connection,	2	5201	Curved track section, R 171/4", 15°	4	7117	Sleeve, grey
17	7013	average installed length 81/4"	8	5202	Pair of solenoid-operated turnouts	60	7131	Plug with side socket, brown
61	7014	Contact wire section, female portion,	7	5205	Curved track section, R 171/4", 5° 43'	75	7132	Plug with side socket, yellow
01	7014	average installed length 33/4"	4	5206	Curved track section, R 17 ¹ / ₄ ", 24° 17'	60	7133	Plug with side socket, green
76	7015	Contact wire section, male portion,	1	5207	Double slip switch	120	7135	Plug with side socket, red
10	7013	average installed length 3 ³ / ₄ "	2	5208	Make-up section for double slip	4	7137	Plug with side socket, grey
1	7016	Cross span, 15"	2	3200	switch 5207, 5/16"	001870	ah sannits	ling with side socket, grey
17	7017	Cross span, 11"	2	5214	Symmetrical three-way switch			
37	7017	Contact wire section, length 10 ⁵ /8"	1	7028	Locomotive roundhouse	Down	FC	
	7018	Contact wire section, length 141/8"	3	7026	Warning signal	Page	90	
40			5	7039	Home signal			
36	7021	Tower mast Insulating section, average installed	81.7	7039	Home signal			' 4" x 4' 5" / 8' 6" x 5' 1"
13	7022		12	7040	Track blocking signal	selo W	ith caten	ary system oramun and male suparto a etnic
00	7000	length 3 ³ /4" Make-up section with plug connection,	2	7042	Station lamp	englin	7000	utilisés figurent énalement sur les plans, Den
99	7023	average installed length 2 ³ / ₄ "	12	7047	Arc lamp	6	7003	Catenary system feeder lead
0	7001	Feeder mast with 2 leads, with suppressor	1	7048	Remote-controlled sleving crane with	10	7004	Fixing set (more if needed)
3	7201 7277	Crossing section	77188	7031	lifting magnet	16	7005	Catenary set for signals
			15	7072	Control panel	12	7006	Contact wire insulator
14	7278	Contact wire section, length 91/4"	15	7186	Turntable with motorised drive	114	7009	Catenary mast
13	7511	Bridge mast		7187	Light warning signal	3	7010	Feeder mast with 2 leads
3		Transformers 30 VA (16 VA)	2	7188		3	7012	Feeder mast with 1 lead
			2 8		Light home signal	22	7013	Contact wire section with plug connection,
Page	54			7190	Buffer stop	nande	s la comn	average installed length 81/4"
. ugo			8	7191	Buffer stop, with signal light	32	7014	Contact wire section, female portion,
15 La	yout 13'	11/2" x 5' 3"	12	7209	Distributor panel	. Pas		average installed length 33/4"
		4" x 4' 5" / 8' 6" x 5' 1"	21 14	7250 7251	Base plate, 1/10" high	42	7015	Contact wire section, male portion,
10 La	ayout 11	4" X 4 5" / 8 6" X 5 1"		7251	Base plate, 1/8" high	uapa		average installed length 33/4"
			36		Pier, 1/4" high	4	7017	Cross span, 11"
Page	55		53	7253	Pier, 11/4" high	30	7018	Contact wire section, 105/8"
. ugo	Hambig		3	7263	Arch bridge	44	7019	Contact wire section, 141/8"
16 La	ayout 11'	4" x 4' 5" / 8' 6" x 5' 1"	16 5	7268 7269	Straight ramp section, 7"	6	7021	Tower mast
			5	7289	Curved ramp section, R 171/4" section Street lamp, modern design	79	7023	Make-up section with plug connection,
39	5100	Curved track section, R 14", 30° Curved track section, R 14", 15°	4	7281	Dietfermelemen	,1011	rent circu	average installed length 23/4"
	5101		5		Platform lamp	4	7025	Cantilever support arm
136	5106	Straight track section, 7"	4	7282	Square and street lamp	2	7046	Arc lamp with lattice mast
20	5107	Straight track section, 31/2"		7284	Sidewalk lamp	3	7201	Feeder mast with 2 leads, with suppressor
22	5108	Straight track section, 13/4"	2		Lighting transformers 40 VA	801181	7277	Crossing section
11	5109	Straight track section, 13/8"	3	7000	Transformers 30 VA	33	7278	Contact wire section, 91/4"
8	5110	Straight track section, 7/8"	36	7000	Staples	16	7511	Bridge mast
6	5111	Feeder track section, straight, 7"	2	7100	Lead, single core, 33', grey	3		Transformers 30 VA (16 VA)
6	5112	Uncoupling track section, 31/2"	25	7101	Lead, single core, 33', blue			
6	5113	Lighting mast for uncoupling track section	5	7102	Lead, single core, 33', brown			miniatures Marklin e <u>et devect voc yegen N</u> ous y
2	5117	Pair of solenoid-operated turnouts	6	7103	Lead, single core, 33', yellow			Seaucoup de plaisir, et Bos voyans
7	5129	Straight track section, 23/4"	6	7105	Lead, single core, 33', red			
3	5131	Feeder track section, straight, 7",	40	7111	Sleeve, brown			Gebr. Marklin & Cie. 31
		with suppressor	75	7112	Sleeve, yellow			732 Goppingen/Wur .