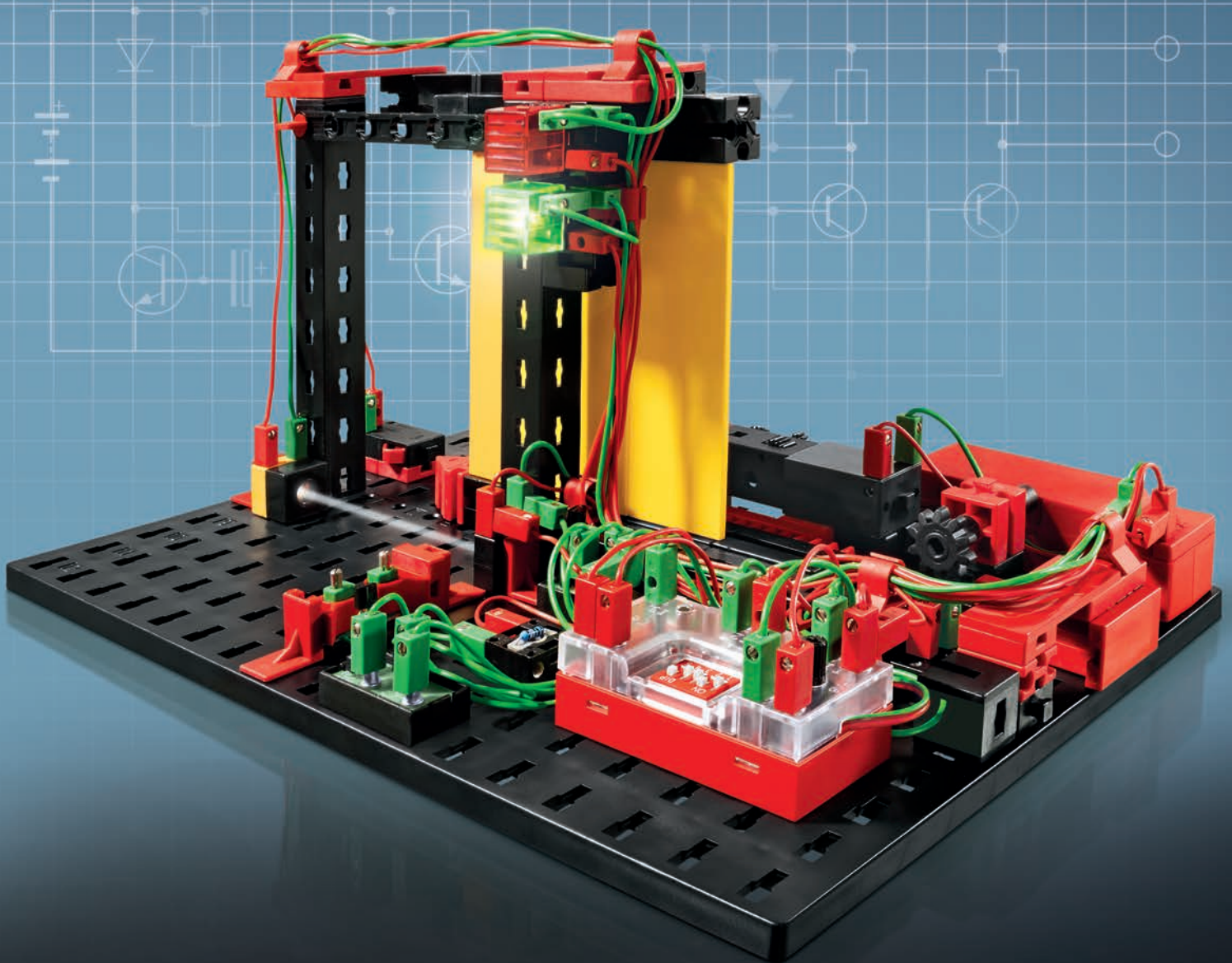




**fischertechnik** 

**PROFI**

Bauanleitung  
Assembly instruction  
Instructions de montage  
Bouwhandleiding  
Instrucciones de construcción  
Manual de montagem  
Istruzioni di montaggio  
Инструкция по сборке  
安装说明书



**Electronics**

**16 MODELS**

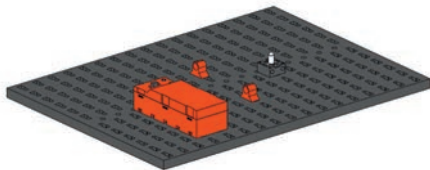
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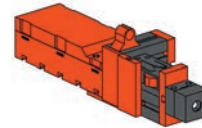
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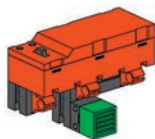
Montagetips / Tips for assembly / Tuyaux pour le montage / Montagetips / Consejos para el montaje / "Dicas" para montagem /  
Consigli per il montaggio / Советы по сборке / 装配建议 ..... 3



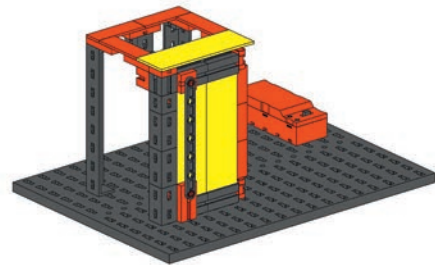
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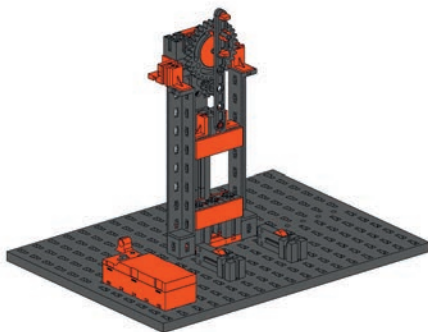
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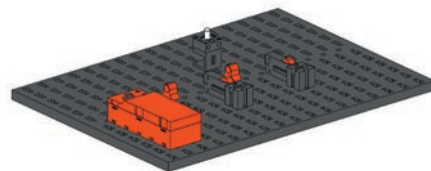
Durchgangsprüfer / Continuity tester / Contrôleur de continuité / Ohmmeter / Probador de continuidad / Dispositivo de teste de continuidade / Misuratore di continuità / Тестер / 断路检测仪 .....8



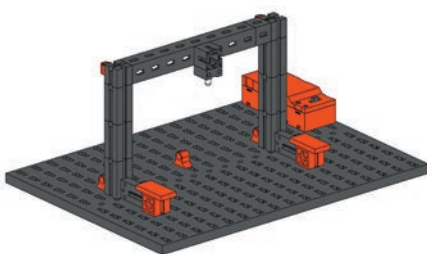
Kühlschrankbeleuchtung / Refrigerator light / Éclairage d'un réfrigérateur / Koelkastverlichting / Iluminación de refrigerador / Iluminação de refrigerador / Illuminazione frigorifero / Освещение холодильника / 冰箱照明灯 .....9



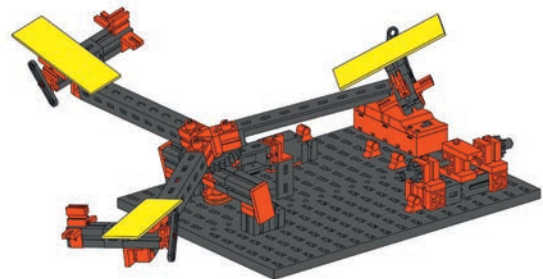
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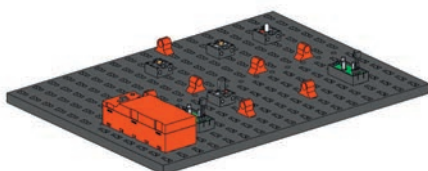
Parallelschaltung / Parallel connection / Montage parallèle / Parallelschakeling / Conexión en paralelo / Conexão em paralelo / Collegamento in parallelo / Параллельное соединение / 并联 .....19



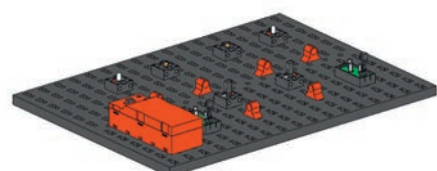
Flurbeleuchtung / Hallway lighting / Éclairage d'un couloir / Vloerverlichting / Iluminación se pasillo / Iluminação de corredor / Illuminazione corridoio / Освещение коридора / 走廊照明灯 .....21



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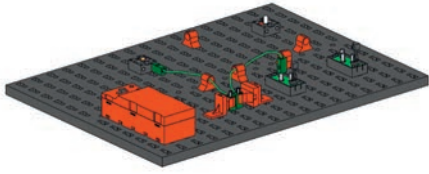


Wechselblinker / Alternating flasher / Clignotant alternatif / Knipperlichtwisselaar / Intermitente alternado / Pisca-pisca comutável / Lampeggiatore alternato / Переменная мигалка / 两个交替的闪烁灯 .....30

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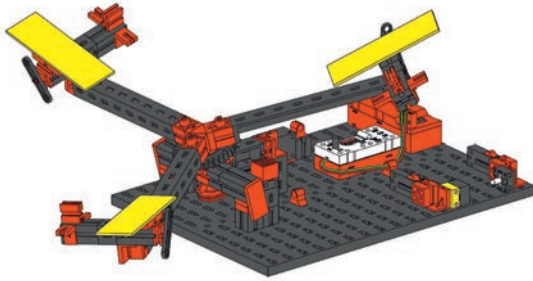
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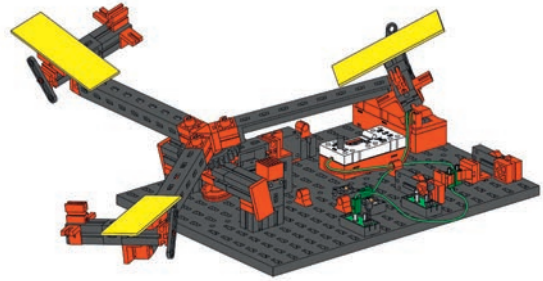
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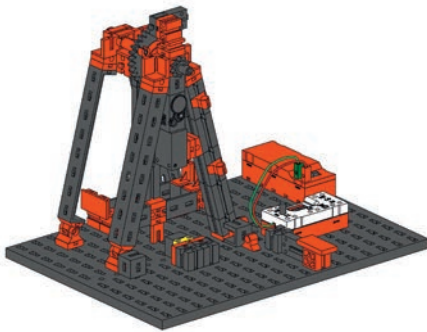
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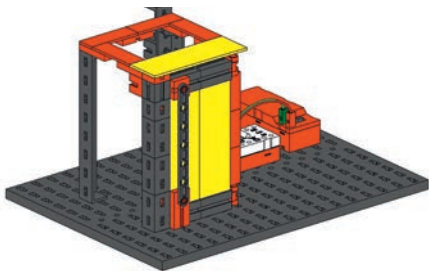
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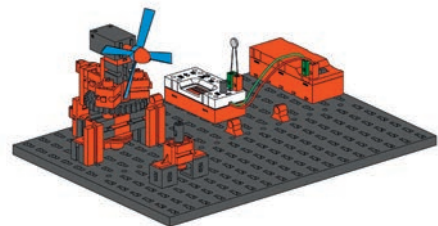
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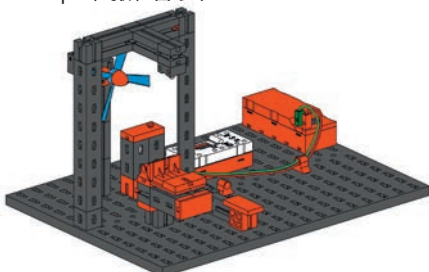
Schiffschaukel mit Wechselblinker / Ship see-saw with alternating flasher / Bateau-balanoïre avec clignotant alternant / Familieschommel met knipperlicht-wisselaar / Columpio de barco con intermitente alternado / Balanço de barco com pisca-pisca comutável / Altalena a gondola con lampeggiatore alternato / Качели с переменной мигалкой / 配备单个闪烁灯的船形秋千 ..48



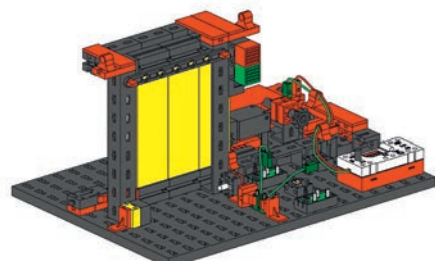
Alarmanlage / Alarm system / Système d'alarme / Alarminstallatie / Instalación de alarma / Equipamento de alarme / Impianto di allarme / Сигнализация / 报 / 警装置 .....50



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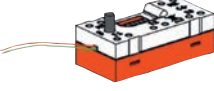









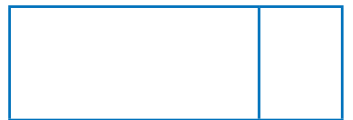
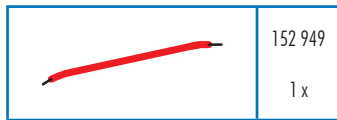
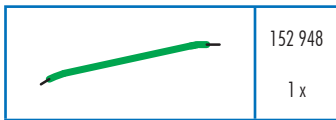
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**Liste des pièces détachées**

**Onderdelenoverzicht**  
**Lista da piezas**  
**Resumo de peça individual**

**Singoli componenti**  
**Перечень деталей**  
**零件概览**

	31 053 2 x		32 879 8 x		36 437 1 x		38 413 3 x
	31 058 2 x		32 881 8 x		36 443 1 x		38 414 1 x
	31 078 1 x		32 985 1 x		36 532 1 x		38 423 8 x
	31 082 1 x		35 031 2 x		36 912 3 x		38 428 6 x
	31 336 30 x		35 049 5 x		36 920 4 x		38 485 3 x
	31 337 22 x		35 063 1 x		36 922 5 x		38 543 1 x
	31 426 2 x		35 066 1 x		36 981 1 x		135 719 1 x
	31 436 2 x		35 073 1 x		37 237 11 x		136 775 1 x
	31 597 2 x		35 079 1 x		37 468 8 x		137 096 1 x
	31 848 3 x		35 084 1 x		37 679 7 x		152 059 2 x
	31 918 1 x		35 945 2 x		37 681 1 x		152 063 1 x
	31 981 7 x		35 969 8 x		37 783 2 x		152 218 2 x
	31 982 16 x		36 134 1 x		37 875 1 x		152 219 2 x
	31 983 2 x		36 264 1 x		38 216 8 x		152 220 2 x
	32 064 11 x		36 293 3 x		38 240 4 x		152 222 1 x
	32 330 2 x		36 323 2 x		38 241 3 x		152 223 2 x
	32 850 2 x		36 337 1 x		38 242 4 x		152 860 2 x



## Ratschläge an überwachende Erwachsene

### Advice for supervising adults

### Recommandations à l'attention des adultes chargés de la surveillance

- Ausschließlich für Kinder von mindestens 8 Jahren geeignet. Die Anleitungen sollen den Erwachsenen befähigen die Experimente im Hinblick auf die Eignung für das betreffende Kind abzuschätzen.
- Not intended for children under 8 years of age. The instructions are intended to enable adults to assess the experiment's suitability for the child concerned.
- Boîte exclusivement appropriée aux enfants de plus de 8 ans. Les instructions devraient permettre aux adultes d'évaluer si l'enfant concerné est apte à effectuer les essais respectifs.

## Adviezen voor de volwassene die toezicht houdt

### Consejos de supervisión para adultos

### Conselhos para os adultos vigilantes

- Uitsluitend geschikt voor kinderen vanaf minimaal 8 jaar. De gebruiksaanwijzingen dienen als hulp voor de volwassene om te kunnen beoordelen of de experimenten geschikt zijn voor het desbetreffende kind.
- Adecuado exclusivamente para niños de mínimo de 8 años. Las instrucciones deben facultar al adulto de evaluar el experimento con miras a su adecuación para el niño afectado.
- Adequado exclusivamente para crianças com, no mínimo, 8 anos. As instruções devem capacitar os adultos a avaliar os experimentos em relação à sua adequação para a criança pertinente.

## Consigli per gli adulti che sorvegliano

### Советы контролирующим взрослым

### 给进行监督的成人的建议

- Adatti esclusivamente per bambini di almeno 8 anni di età. I manuali devono consentire all'adulto di saper valutare gli esperimenti in merito alla loro adeguatezza per il bambino in questione.
- Только для детей старше 8 лет. Эти инструкции дают взрослым возможность оценить эксперименты с точки зрения их пригодности для ребёнка.
- 只适合于 8 岁以上的儿童。说明书应该能让成人判断该实验是否适合想做实验的孩子玩。

## Montagetipps

### Tips for assembly

### Tuyaux pour le montage

## Montagetips

### Consejos para el montaje

### "Dicas" para montagem

## Consigli per il montaggio

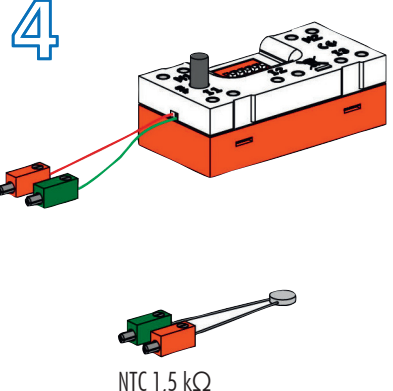
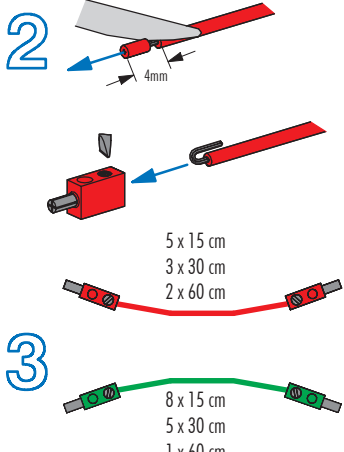
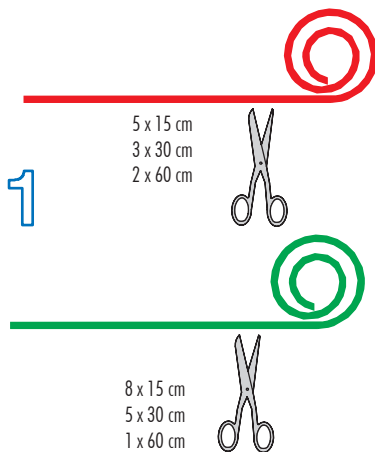
### Советы по сборке

### 装配建议

Kabel und Stecker  
Plugs and cables  
Fiches et des câbles

Stekkers en cables  
Enchufes en cables  
Cabos e contatos

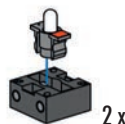
Cavi e conettori  
Провода и штекеры  
电缆和插头



Fototransistor  
Phototransistor  
Phototransistor  
Fototransistor  
Fototransistores  
Fototransistor  
Fototransistor  
Фототранзистор  
光电晶体管



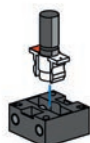
LED  
LED  
DEL  
LED  
LED  
LED  
LED  
LED  
Светодиод  
LED



2 x

Achtung: Beim Anschluß auf richtige Polung achten. Rot = +  
Caution: Make sure the terminals are connected correctly. Red = +  
Attention: lors du raccordement, veiller à ce que la polarisation soit exacte, rouge = +  
Pas op: let bij het aansluiten op de juiste polariteit, rood = +  
Atención: al conectar, procurar que los polos estén correctamente colocados, roja = +  
Atenção: Por ocasião da conexão atentar para a polaridade correta. Vermelho = +  
Attenzione: nel collegamento osservare la corretta polarità. Rosso = +  
Внимание: при подключении соблюдать полярность. Красный = +  
注意: 连接时应注意极性正确。红色 = +

Kondensator 10µF/35V  
Capacitor 10µF/35V  
Condensateur 10 µF / 35 V  
Condensator 10µF/35V  
Condensador 10µF/35V  
Condensador 10µF/35V  
Condensatore 10µF/35V  
Конденсатор 10 мкФ/35 В  
电容 10µF/35V

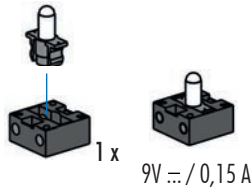


2 x



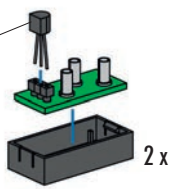
## Montagetipps Tips for assembly Tuyaux pour le montage

Linsenlampe  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯

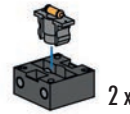


LED  
LED  
DEL  
LED  
LED  
LED  
LED  
LED  
Светодиод  
LED

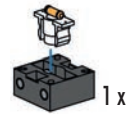
Transistor BC 547 C  
flache Seite nach außen  
flat side outward  
côté plat vers l'extérieur  
vlakke zijde naar buiten  
lado plano hacia fuera  
face plana virada para fora  
lato piatto verso l'esterno  
Транзистор BC 547 C  
плоская сторона наружу  
晶体管 BC 547 C  
扁平侧朝外



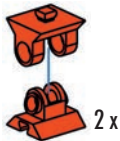
Widerstand 100kΩ, Sockel grau  
100kΩ Resistor, gray base  
Résistance 100 kΩ, socle gris  
Weerstand 100kΩ, sokkel grijs  
Resistencia 100kΩ, zócalo gris  
Resistor 100kΩ, casquilho cinza  
Resistore 100kΩ, base grigia  
Сопротивление 100 кОм, серый цоколь  
电阻 100kΩ, 灰色底座



Widerstand 10kΩ, Sockel weiß  
10kΩ Resistor, white base  
Résistance 10 kΩ, socle blanc  
Weerstand 10kΩ, sokkel wit  
Resistencia 100kΩ, zócalo blanco  
Resistor 100kΩ, casquilho branco  
Resistore 100kΩ, base bianca  
Сопротивление 10 кОм, белый цоколь  
电阻 10kΩ, 白色底座



1



2



## Sicherheitshinweise Safety Information Consignes de sécurité

- Lies die Anleitung vor Versuchsbeginn, befolge sie und halte sie nachschlagbereit.
  - Bewahre den Experimentierkasten außerhalb der Reichweite von kleinen Kindern auf.
  - Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
  - Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Read these instructions before starting experiments; ensure they are followed and kept readily available for reference.
  - Keep the experiment kit out of reach of small children.
  - All components, especially moving parts, should be maintained and cleaned as necessary.
  - Caution! Be careful not to hurt yourself on components with sharp or pointed edges!
- Lisez le mode d'emploi avant de commencer les essais, suivez-le et maintenez-le à disposition afin que vous puissiez le consulter à tout moment.
  - Rangez la boîte expérimentation hors de portée de mains des enfants en bas âge.
  - Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
  - Attention! Risque de blessure sur les éléments comportant des arêtes et o pointes vives indispensables au bon fonctionnement!

## Veiligheidsrichtlijnen Indicaciones de seguridad Observações sobre segurança

- Lees de gebruiksaanwijzing voor het begin van het experiment door, volg de aanwijzingen erin op en houd haar binnen handbereik voor als u het niet meer weet.
  - Houd de experimenteerdoos uit de buurt van kleine kinderen.
  - Alle onderdelen, vooral de bewegende delen, kunnen, indien noodzakelijk, onderhouden en gereinigd worden.
  - Let op! U kunt zich bezeren aan bouwstenen met scherpe randen of punten!
- Lee estas instrucciones antes de iniciar el ensayo, cúmplelas y tenlas a mano para consultas.
  - Guarda la caja de experimentación fuera del alcance de niños pequeños.
  - Es necesario limpiar y mantener en buen estado todas las diferentes piezas - especialmente las piezas móviles.
  - Attenzione! Esiste il pericolo di lesione con i pezzi di costruzione che hanno bordi e punte spigolosi necessari per la funzionalità del pezzo!
- Leia as instruções antes do início do experimento, observe-as e mantenha-as sempre à mão para verificação.
  - Guarde a caixa de experimentos fora do alcance de crianças pequenas.
  - Caso necessário, todas as peças individuais, especialmente peças móveis, tem que ser submetidas à manutenção e ser limpadas.
  - Atenção! Perigo de ferimentos em peças componentes com cantos vivos e pontas obrigatórios para o funcionamento !

## Informazioni per la sicurezza

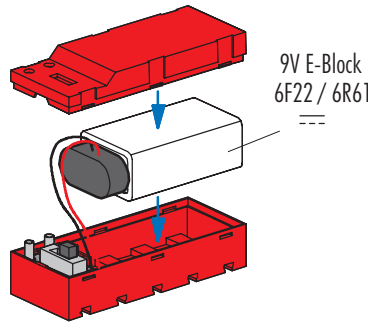
### Указания по технике безопасности 安全指南

- Leggi le istruzioni prima di iniziare l'esperimento, rispettate e tienile a portata di mano per poterle consultare in caso di bisogno.
  - Conserva la cassetta di sperimentazione lontano dalla portata dei bambini piccoli.
  - Se necessario, tutti i singoli componenti, soprattutto le parti mobili, si devono eventualmente sottoporre a manutenzione e pulizia.
  - Attenzione! Pericolo di lesioni dovute a componenti con spigoli vivi e punte per motivi funzionali!
- Прочитай инструкцию до начала эксперимента, выполняй её требования и держи наготове, чтобы обратиться к ней при необходимости.
  - Храни набор для экспериментов в месте, недоступном для маленьких детей.
  - Все детали, особенно подвижные, требуют ухода и чистки.
  - Будьте осторожны! Об острые края деталей и и наконечники можно порезаться!
- 请在使用前阅读说明书，并遵守及妥善保管，以备将来参考。
  - 实验构件要存放在幼儿够不到的地方。
  - 必要时应保养和清洁所有零件，尤指运动部件。
  - 注意！因功能需要而带有锋利的棱边和尖角的部件可能会带来受伤危险！

# Sicherheitshinweise Safety Information Consignes de sécurité

# Veiligheidsrichtlijnen Indicaciones de seguridad Observações sobre segurança

# Informazioni per la sicurezza Указания по технике безопасности 安全指南



Batterie ist nicht Inhalt der Packung  
Battery not included  
Batterie non comprise  
De batterij wordt niet meegeleverd  
La batería no está incluida en el suministro  
A bateria não é o conteúdo da embalagem  
La batteria non è inclusa nella confezione  
Батарея в комплект не входит  
包装中不含电池

## 1 Batterie 9Volt-Block Alkaline oder 1 NiMH-Akku 9V

- Nicht wiederaufladbare Batterien dürfen nicht geladen werden
- Aufladbare Batterien dürfen nur von Erwachsenen geladen werden
- Aufladbare Batterien sind aus dem Batteriehalter herauszunehmen, bevor sie geladen werden.
- Batterien müssen mit der richtigen Polarität eingelegt werden.
- Leere Batterien müssen aus dem Spielzeug herausgenommen werden
- Die Anschlussklemmen dürfen nicht kurzgeschlossen werden.
- Verbrauchte Batterien dem Sondermüll zuführen.
- Drähte nicht in Steckdose einführen!
- Ladegerät regelmäßig auf Schäden überprüfen. Bei einem Schaden darf das Ladegerät bis zur vollständigen Reparatur nicht mehr verwendet werden.
- Alle elektrischen Bauteile (Motoren, Lampen) dürfen ausschließlich an Stromversorgungen von Fischertechnik angeschlossen werden.
- Achtung! Durch (Schaltungs-) Fehler oder unzulässige Veränderungen können Temperaturerhöhungen an berührbaren Oberflächen die zulässigen Grenzwerte überschreiten.
- Durch eine zu hohe Spannung oder durch einen Kurzschluss können elektronische Bauteile zerstört werden.

## 9V rechargeable battery or 9V alkaline dry cell

- Do not attempt to charge NON-rechargeable batteries.
- Rechargeable batteries are only to be charged by adults.
- Take rechargeable batteries out of the battery tray before charging them.
- Insert batteries with the correct polarity.
- Remove dead batteries from the toy.
- Do not short circuit the connecting terminals!
- Discard spent dry cells at special waste disposal centre.
- Do not insert the wires into an outlet!
- Regularly inspect battery charger for damage. If the battery charger has been damaged, it should not be used further until fully repaired.
- No electrical components (motors, lamps) are to be connected to any other power supply than that provided by Fischertechnik.
- Caution! (Connection) errors or unauthorized changes can cause temperature increases on exposed surfaces that can exceed allowable limits.
- Impermissibly high voltage or a short circuit can destroy electronic components.

## pile 9V ou accu 9V

- Il est interdit de recharger des piles qui ne sont pas des accumulateurs
- Le chargement des accumulateurs doit toujours se faire par des adultes
- Retirer les accumulateurs du support de pile avant de les recharger.
- Veiller à la polarité correcte lors de la mise en place des piles.
- Retirer impérativement les piles ou accumulateurs vides du jouet.
- Il est interdit de court-circuiter les bornes de raccordement.
- Jeter les piles usagées dans un conteneur spécial réservé à cet effet.
- Ne pas introduire les fils dans une prise !
- Contrôlez régulièrement le chargeur en vue d'éventuelles détériorations
- En cas de détérioration, il est interdit d'utiliser le chargeur jusqu'à ce qu'il ait été intégralement réparé
- Tous les composants électriques (moteurs, lampes) ne doivent être branchés aux alimentations électriques uniquement que par la société Fischertechnik.
- Attention ! Les erreurs (de commutation) ou les modifications inadmissibles peuvent avoir pour effet d'augmenter la température des surfaces, qu'on peut toucher, au-delà des valeurs limites admissibles.
- Une tension trop élevée ou un court-circuit risque de détériorer les éléments de construction électroniques.

## alkaline batterije of oplaadbare batterije (9Volt)

- Niet-oplaadbare batterijen mogen niet worden opgeladen.
- Oplaadbare batterijen mogen uitsluitend door volwassenen worden opgeladen.
- Oplaadbare batterijen moeten uit de batterijhouder worden verwijderd, voordat deze worden opgeladen.
- De batterijen moeten met de juiste polariteit worden geplaatst.
- Leg de batterijen moeten uit het speelgoed worden verwijderd.
- De aansluitklemmen mogen niet worden kortgesloten.
- Afleveren gebruikte batterijen bij het klein chemisch afval (KCA).
- Geen draden in de contactdoos steken!
- Laadtoestel regelmatig controleren op schade. Bij schade mag het laadtoestel niet meer gebruikt worden tot het volledig hersteld is.
- Alle elektrische componenten (motoren, lampen) mogen uitsluitend op stroomvoorzieningen van Fischertechnik worden aangesloten.
- Attentie! Door (schakel-)fouten of ontoelaatbare veranderingen kunnen temperatuurverhogingen ontstaan op aanraakbare oppervlakken die de toegestane grenswaarden overschrijden.
- Door een te hoge spanning of door kortsluiting kunnen elektronische componenten onherstelbaar worden beschadigd.

## pila alcalina bloque de 9 Voltios o acumulador NiMH- de 9 Voltios

- Las pilas no recargables no pueden ser cargadas
- Las pilas recargables sólo pueden ser cargadas por un adulto
- Las pilas recargables deben ser extraídas del compartimiento de pilas antes de que sean cargadas.
- Las pilas deben ser colocadas con la polaridad correcta.
- Las pilas descargadas deben ser extraídas del juguete
- Los bornes de conexión no pueden ser puestos en cortocircuito.
- Retirar las baterías viejas, desechándolas en un depósito de basuras especiales.
- No introducir hilos en la toma de corriente!
- Comprobar con regularidad si el cargador presenta daños. En caso de presentar daños, el cargador no debe volver a ser utilizado hasta que esté completamente reparado.
- Todos los componentes eléctricos (motores, luces) deben conectarse a la alimentación de corriente de la técnica Fischer exclusivamente.
- ¡Atención! Debido a errores (de circuito) o modificaciones inadmisibles, los incrementos de temperatura en superficies de contacto pueden sobrepasar los valores límite admisibles.
- Debido a una tensión demasiado elevada o por un cortocircuito se pueden destruir componentes electrónicos.

## Bateria alcalina de bloco de 9 V ou acumulador NiMH- de 9 V

- Pilhas não recarregáveis não devem ser novamente carregadas.
- Pilhas recarregáveis somente devem ser recarregadas por adultos.
- Pilhas recarregáveis devem ser retiradas do compartimento de pilhas antes de serem carregadas.
- As pilhas devem ser colocadas com a polaridade correta.
- As pilhas descarregadas devem ser retiradas do brinquedo.
- Os terminais de conexão não devem ser curto-circuitados.
- Eliminar as baterias esgotadas como desperdício perigoso
- Nunca introduzir fios no tomado!
- Verificar regularmente se o carregador apresenta danos. Em caso de dano, o carregador não deverá ser utilizado enquanto não estiver plenamente consertado.
- Todos os peças componentes elétricas (motores, lâmpadas) só podem ser exclusivamente conectadas em abastecimentos de corrente da Fischertechnik.
- Atenção! Através de erros (de conexão) ou alterações inadmissíveis, os aumentos de temperatura podem exceder os valores limite admissíveis em superfícies expostas a contato.
- Devido a uma tensão muito alta ou devido a um curto-circuito, os componentes podem ser destruídos.

## 1 batteria alcalina da 9 V o 1 batteria NiMH- ricaricabile da 9V

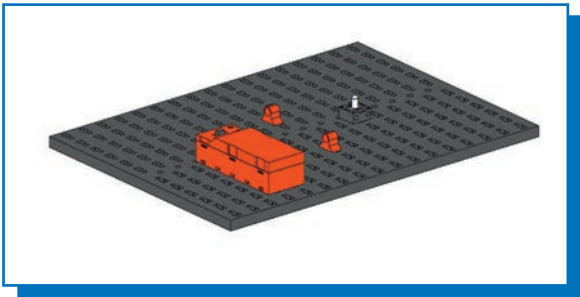
- Le batterie non ricaricabili non devono essere ricaricate
- Le batterie ricaricabili devono essere ricaricate da persone adulte
- Le batterie ricaricabili si devono estrarre dal supporto prima di ricaricarle.
- Le batterie si devono inserire rispettando la polarità.
- Togliere le batterie dal giocattolo quando sono scariche
- I morsetti di allacciamento non devono essere cortocircuitati.
- Smaltire le batterie usate negli appositi contenitori per la raccolta differenziata.
- Non inserire i fili nella presa elettrica.
- Controllare periodicamente se il caricabatterie presenta dei danni. In caso di danni, il caricabatterie non deve più essere utilizzato fino alla riparazione.
- Tutti i componenti elettrici (motori, lampadine) devono essere collegati esclusivamente ad alimentatori Fischertechnik.
- Attenzione! Errori (di cablaggio) o modifiche non consentite possono fare aumentare oltre i limiti ammessi la temperatura delle superfici che si possono toccare.
- Una tensione troppo elevata o un cortocircuito possono distruggere i componenti elettronici.

## 1 алкалиновая батарейка на 9 В или 1 никель-кадмиевый аккумулятор, 9 В

- Не пытайтесь заряжать перезаряжаемые батарейки.
- Зарядку перезаряжаемых аккумуляторов разрешается выполнять только взрослым.
- Перед зарядкой перезаряжаемых аккумуляторов извлеките их из аккумуляторного отсека.
- При установке аккумуляторов на место соблюдайте полярность.
- Разряженные батарейки необходимо извлечь из игрушки.
- Не замыкайте накоротко соединительные клеммы.
- Использованные батареи утилизировать как спецотходы.
- Не вставляйте в розетку провода!
- Регулярно проверяйте зарядное устройство на отсутствие повреждений. При наличии повреждений использовать зарядное устройство до выполнения его полного ремонта не разрешается.
- Все электрические детали (электромоторы, лампочки.) можно подключать только к источникам электропитания от Fischertechnik.
- Внимание! Из-за ошибок (в соединениях) или неразрешённых изменений возможен нагрев касаемых поверхностей выше допустимых значений.
- Из-за высокого напряжения или короткого замыкания может произойти разрушение электронных деталей.

## 1 个 9V 的碱性方电池或 1 个 9V 的 NiMH- 蓄电池

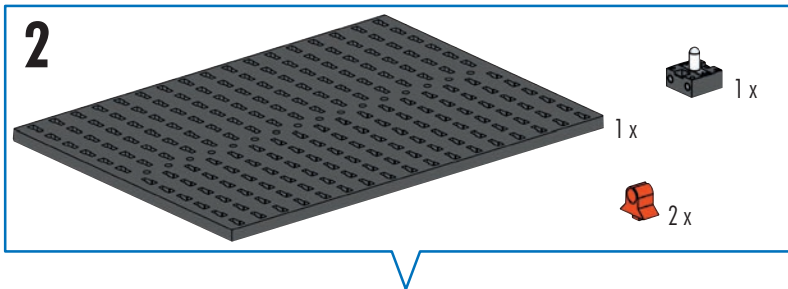
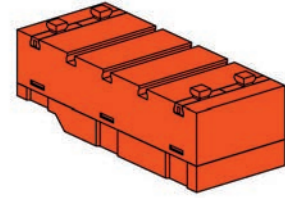
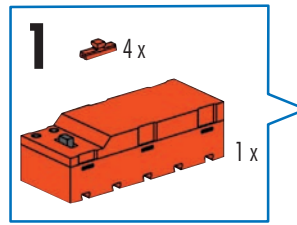
- 不得给非充电电池充电
- 只允许由成年人给充电电池充电
- 在充电前必须将充电电池从电池夹中取出。
- 必须按照正负级正确放入电池。
- 必须从玩具中取出没有电的电池
- 接线柱不允许被短路。
- 用完了的电池应作为特种垃圾处理。
- 禁止将金属丝插入插座！
- 经常检查充电器是否有损坏情况。如果充电器有损，直到完全修好为止不可再使用。
- 只允许将所有电气部件（传感器，电机，灯泡）与慧鱼技术产品的电源装置相连接
- 注意！由（接线）故障或未经允许的改装可能会使可接触表面的温度超过允许的极限值。
- 过高的电压或者短路可能会损坏电子部件。



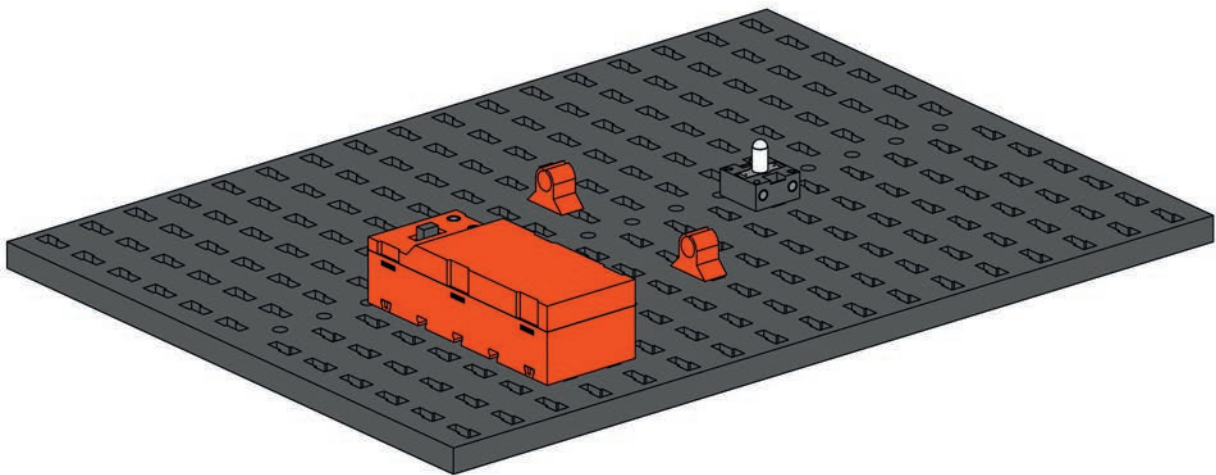
**Einfacher Stromkreis**  
Simple electrical circuit  
Simple circuit électrique

**Eenvoudig stroomcircuit**  
Circuito de corrente simple  
Circuito elétrico simples

**Circuito elettrico semplice**  
Простая электрическая цепь  
简单电路



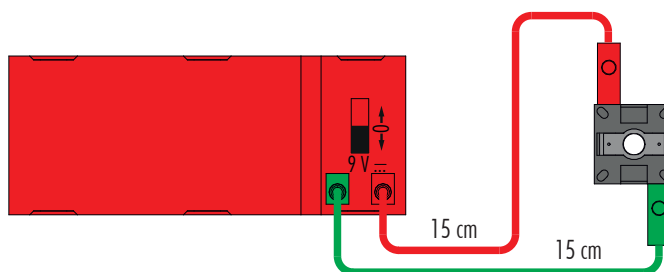
**Linsenlampe**  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯



**Schaltplan**  
Circuit diagram  
Plan électrique

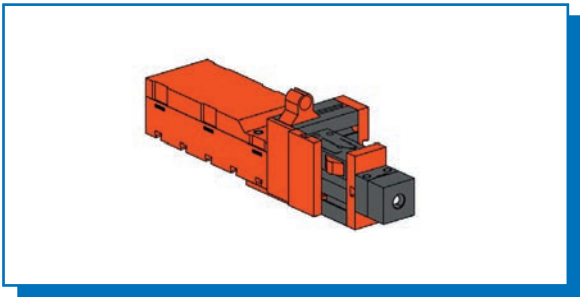
**Schakelschema**  
Diagrama de circuitos  
Plano elétrico de ligação

**Schema elettrico**  
Схема подключения  
电路图



**Linsenlampe**  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
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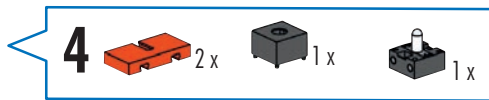
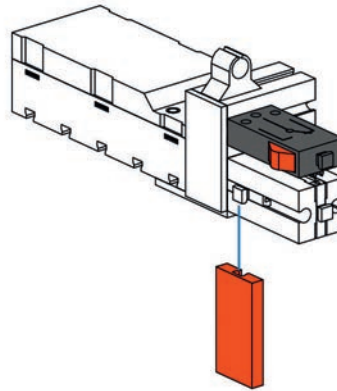
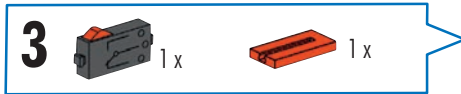
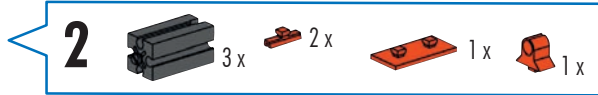
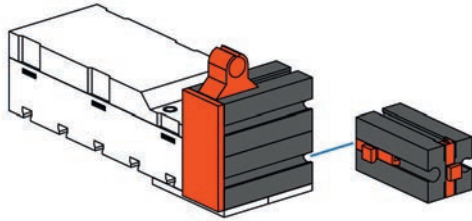
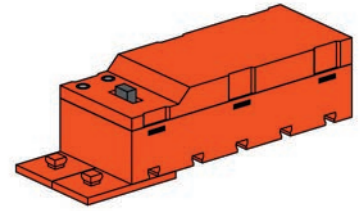
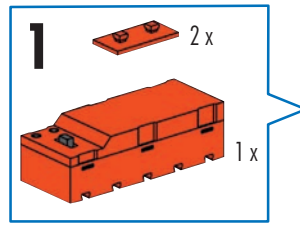




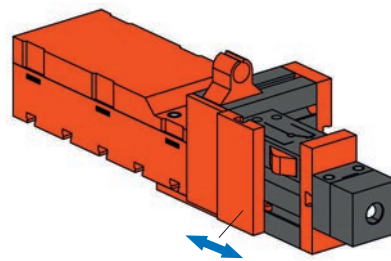
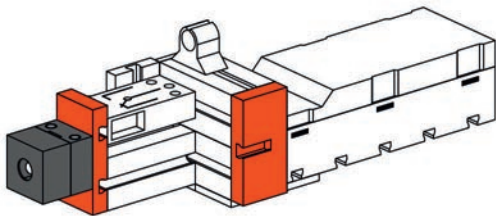
Taschenlampe  
Flashlight  
Lampe de poche

Zaklamp  
Linterna  
Lanterna

Torcia elettrica  
Настольная лампа  
手电筒



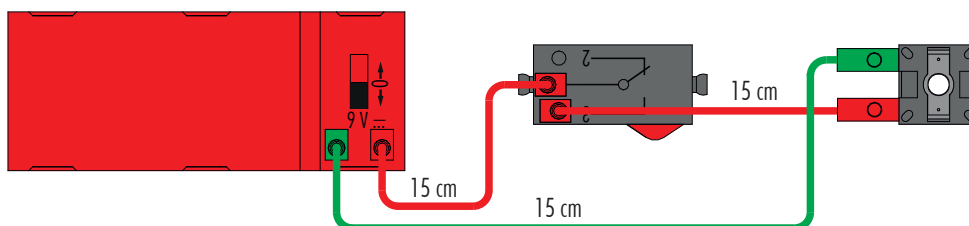
Linsenlampe  
Lens tip lamp  
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Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯



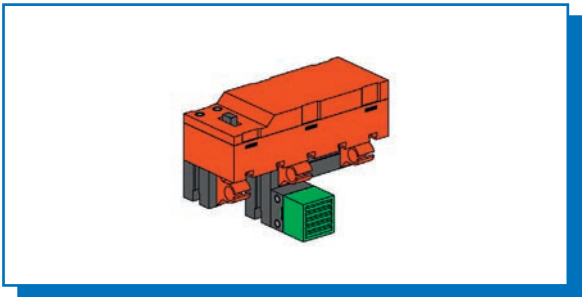
Schaltplan  
Circuit diagram  
Plan électrique

Schakelschema  
Diagrama de circuitos  
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Схема подключения  
电路图



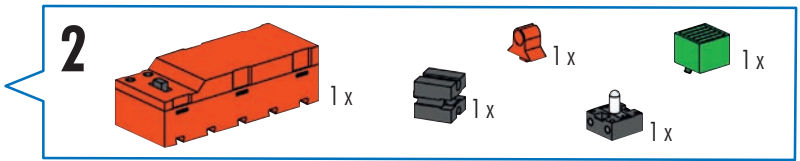
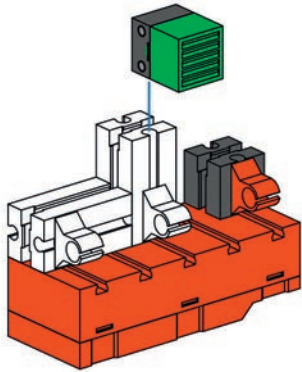
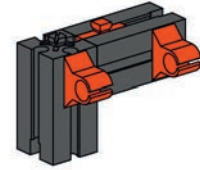
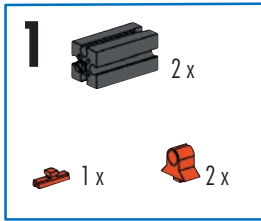
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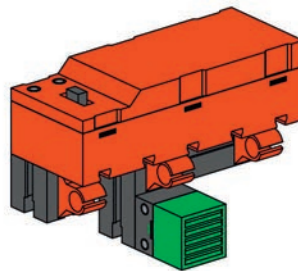
**Durchgangsprüfer**  
**Continuity tester**  
**Contrôleur de continuité**

**Ohmmeter**  
**Probador de continuidad**  
**Dispositivo de teste de continuidade**

**Misuratore di continuità**  
**Тестер**  
**断路检测仪**



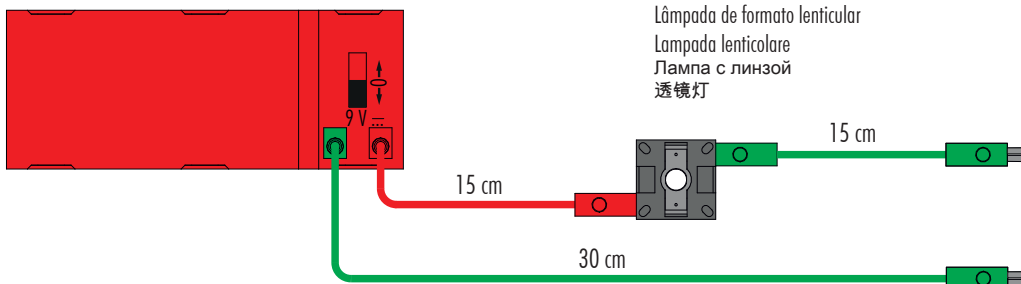
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**Lenlampje**  
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**Lâmpada de formato lenticular**  
**Lampada lenticolare**  
**Лампа с линзой**  
**透镜灯**



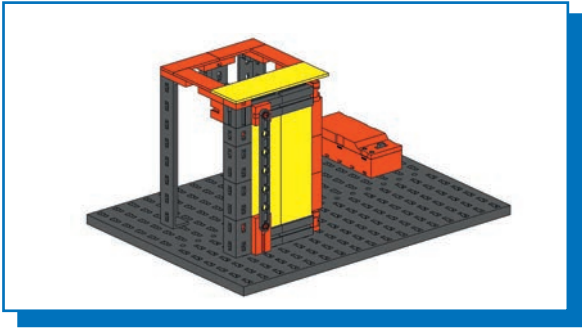
**Schaltplan**  
**Circuit diagram**  
**Plan électrique**

**Schakelschema**  
**Diagrama de circuitos**  
**Plano elétrico de ligação**

**Schema elettrico**  
**Схема подключения**  
**电路图**



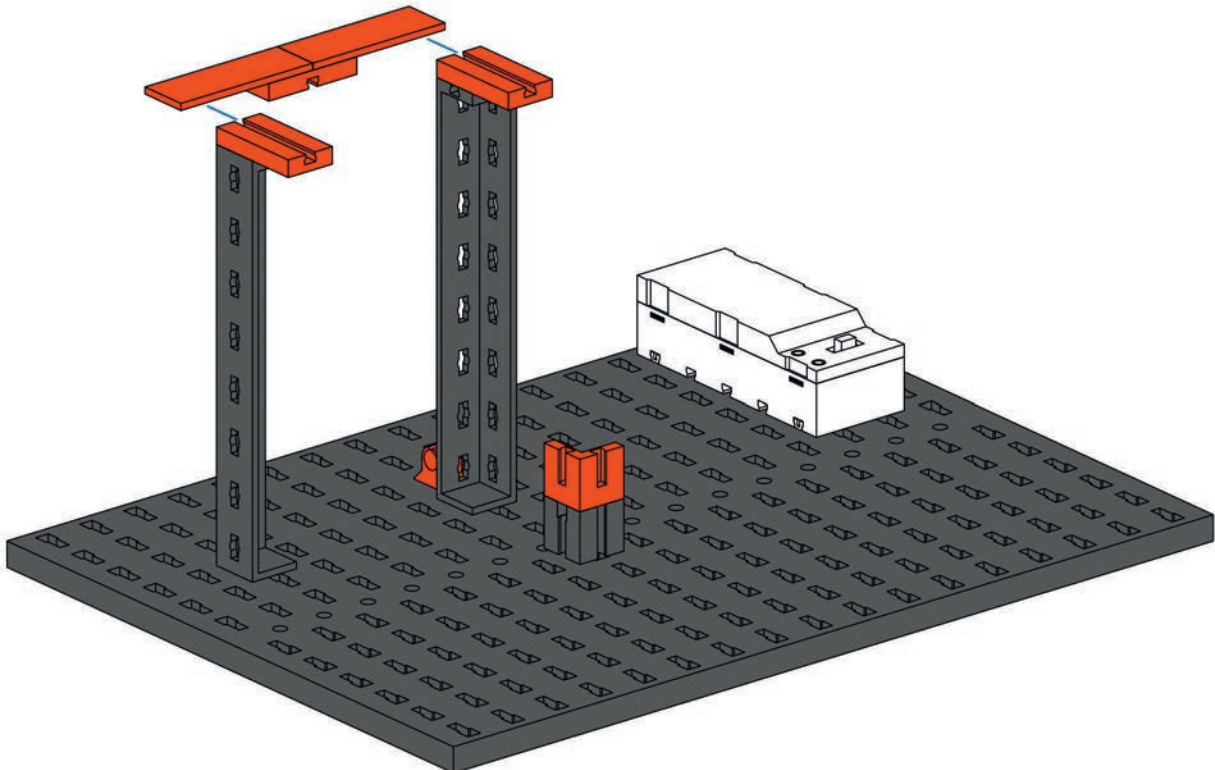
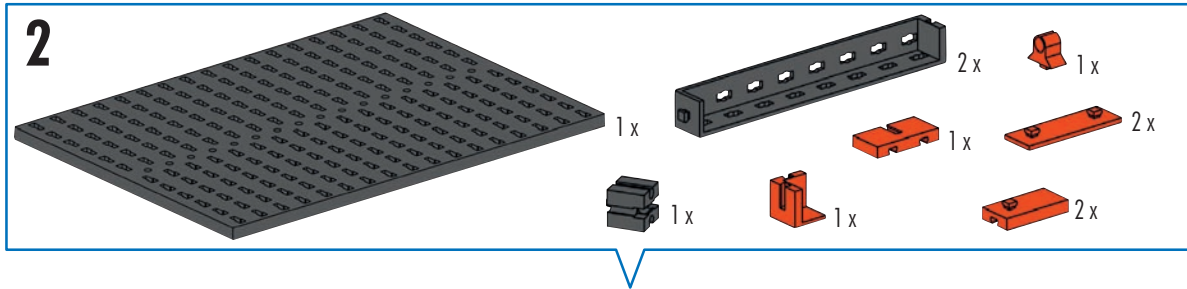
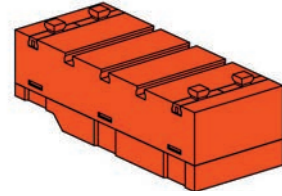
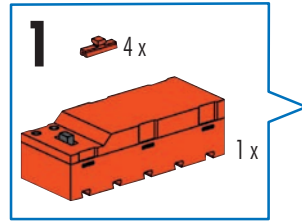
**Linsenlampe**  
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**Lâmpada de formato lenticular**  
**Lampada lenticolare**  
**Лампа с линзой**  
**透镜灯**

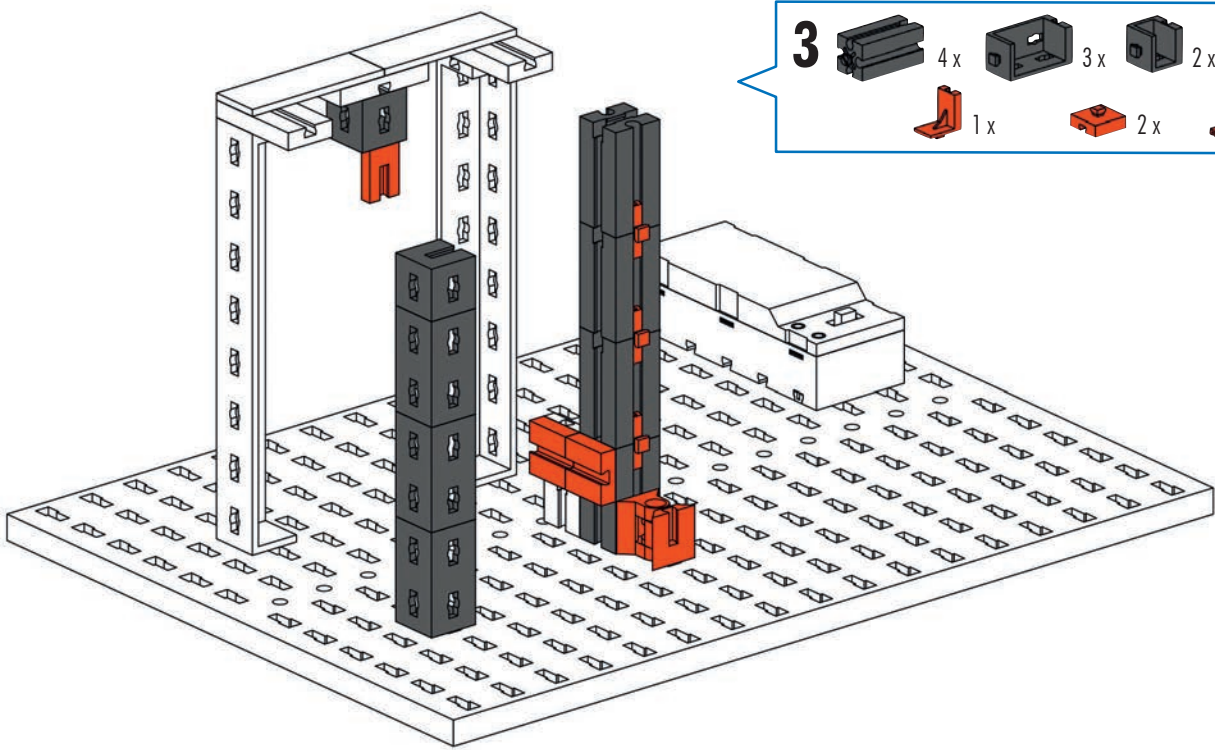


Kühlschrankbeleuchtung  
Refrigerator light  
Éclairage d'un réfrigérateur

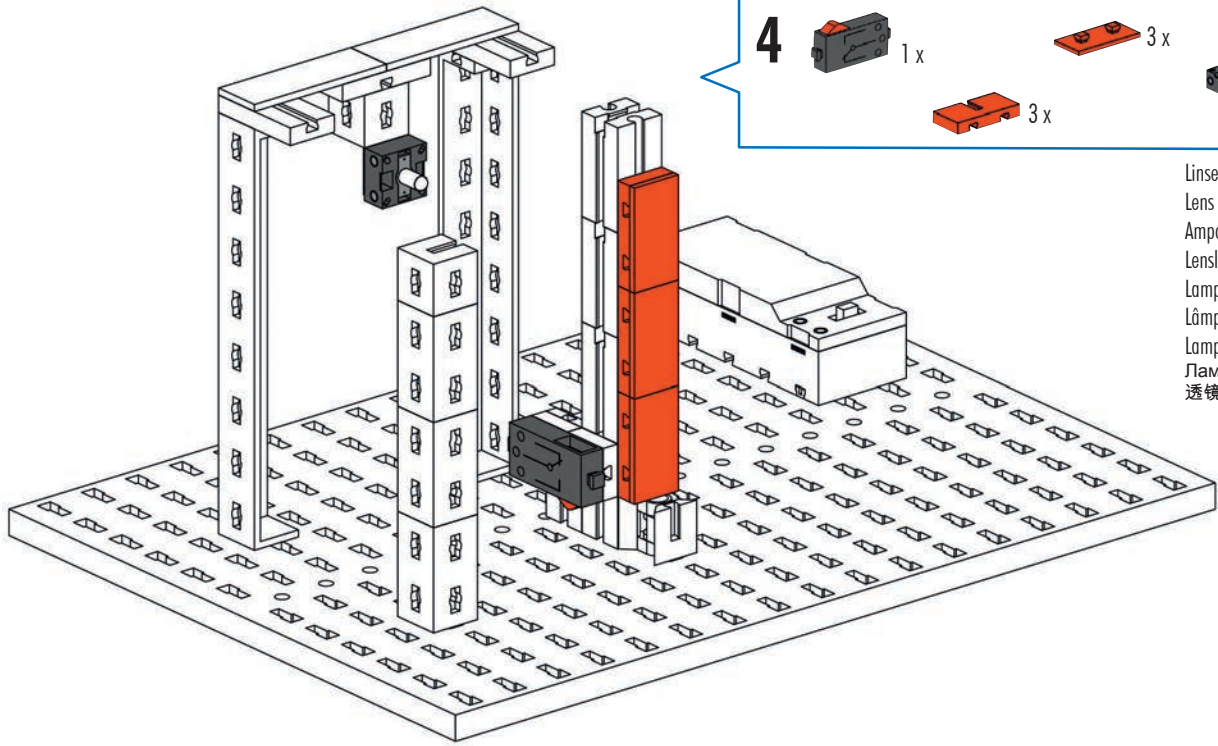
Koelkastverlichting  
Iluminación de refrigerador  
Iluminação de refrigerador

Illuminazione frigorifero  
Освещение  
холодильника  
冰箱照明灯





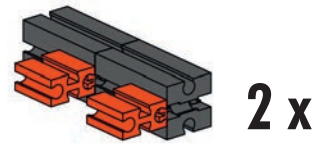
- 3** 3x 4x 3x 2x 1x  
 1x 2x 3x

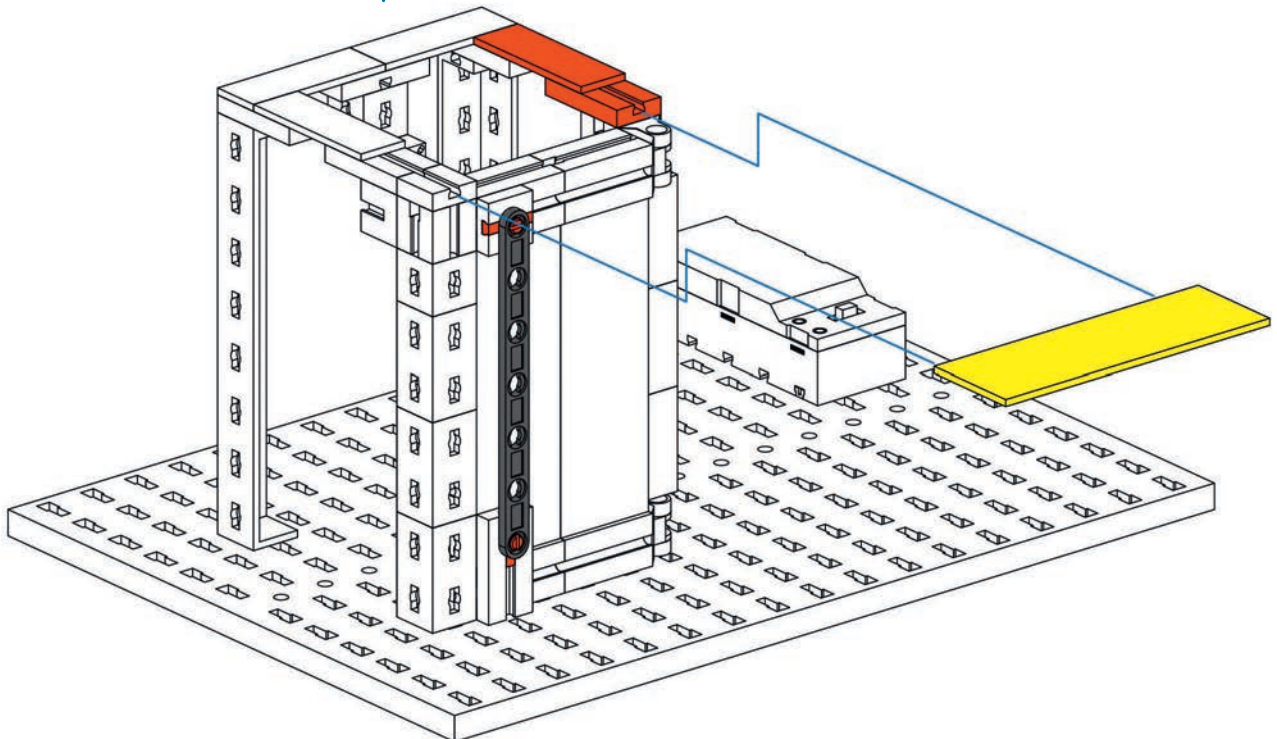
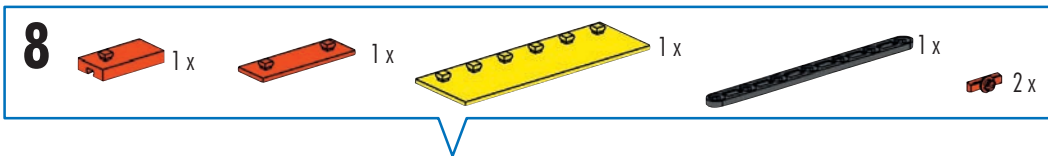
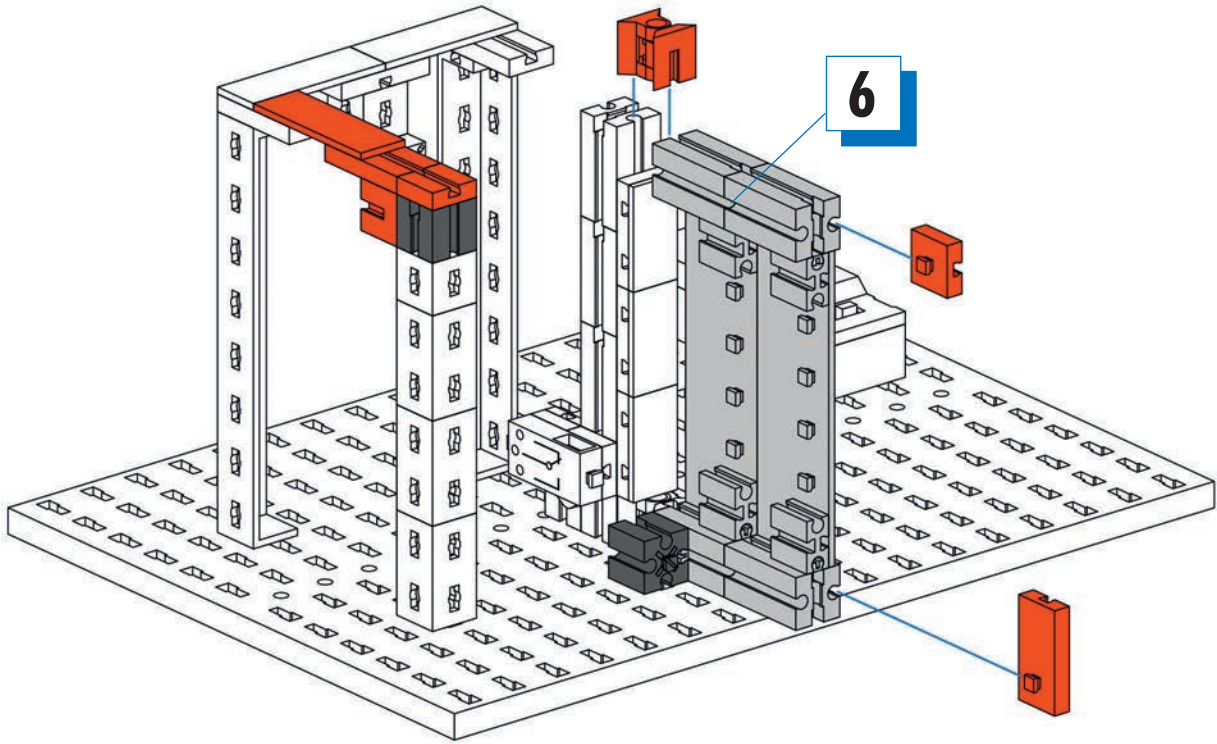
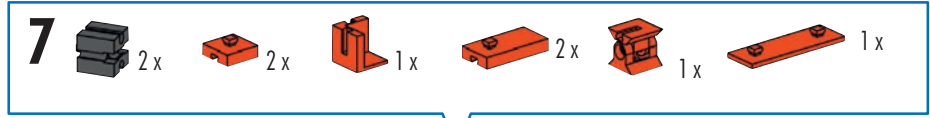
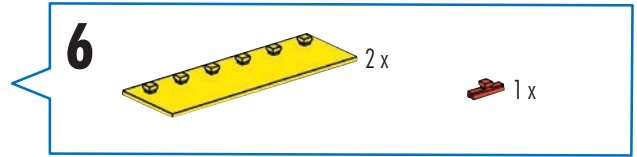
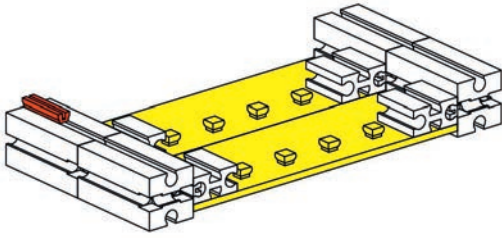


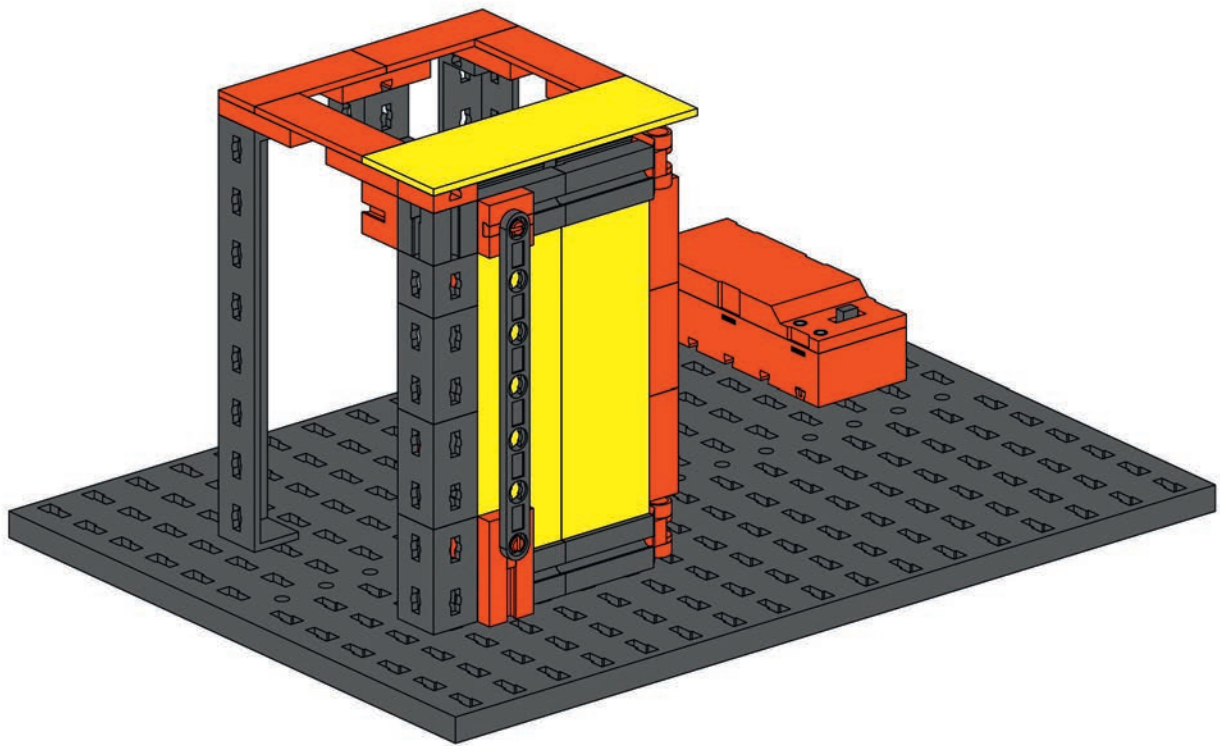
- 4** 1x 3x 3x 1x

Linsenlampe  
 Lens tip lamp  
 Ampoule lentille  
 Lenslampje  
 Lampada lenticolare  
 Lâmpada de formato lenticular  
 Lampada lenticolare  
 Лампа с линзой  
 透镜灯

- 5** 4x 4x 4x



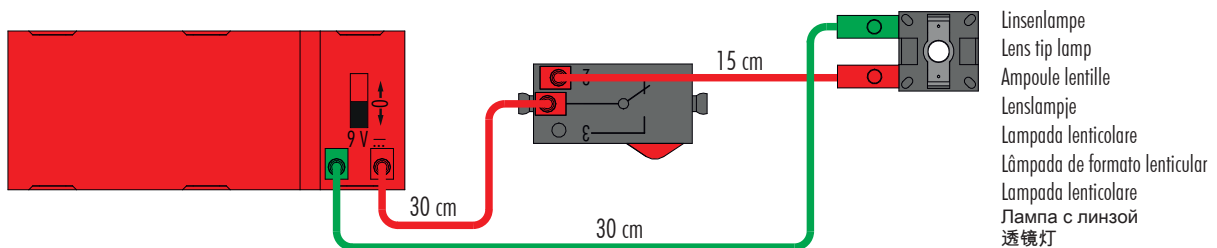


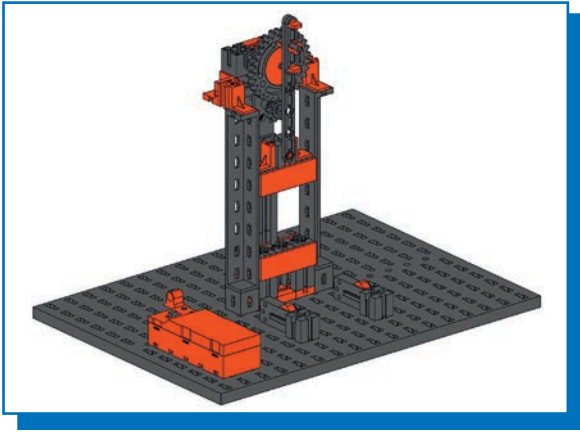


**Schaltplan**  
**Circuit diagram**  
**Plan électrique**

**Schakelschema**  
**Diagrama de circuitos**  
**Plano elétrico de ligação**

**Schema elettrico**  
**Схема подключения**  
**电路图**

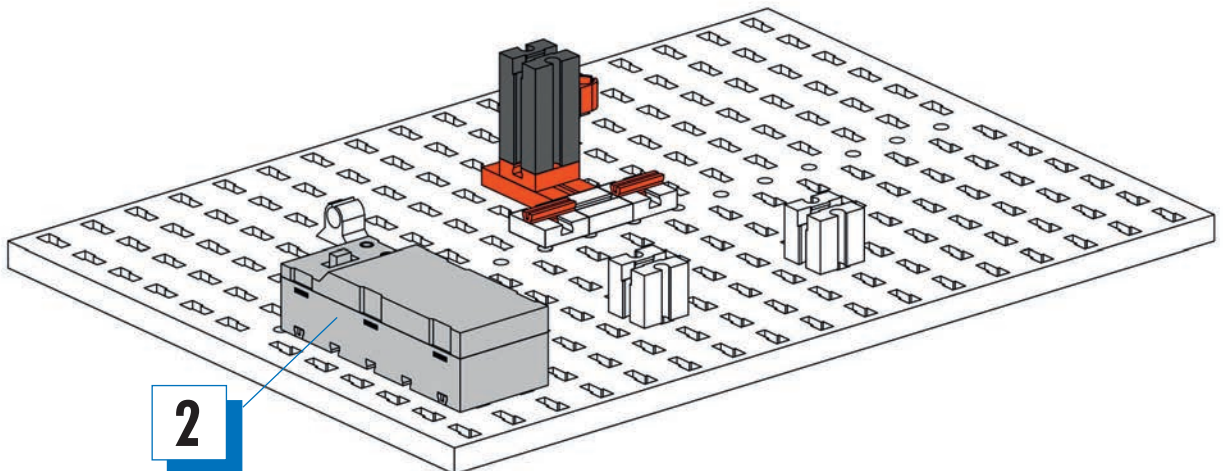
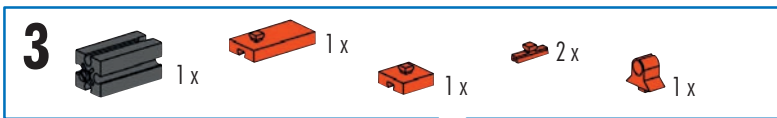
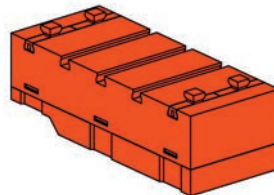
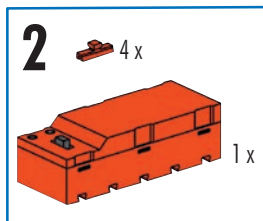
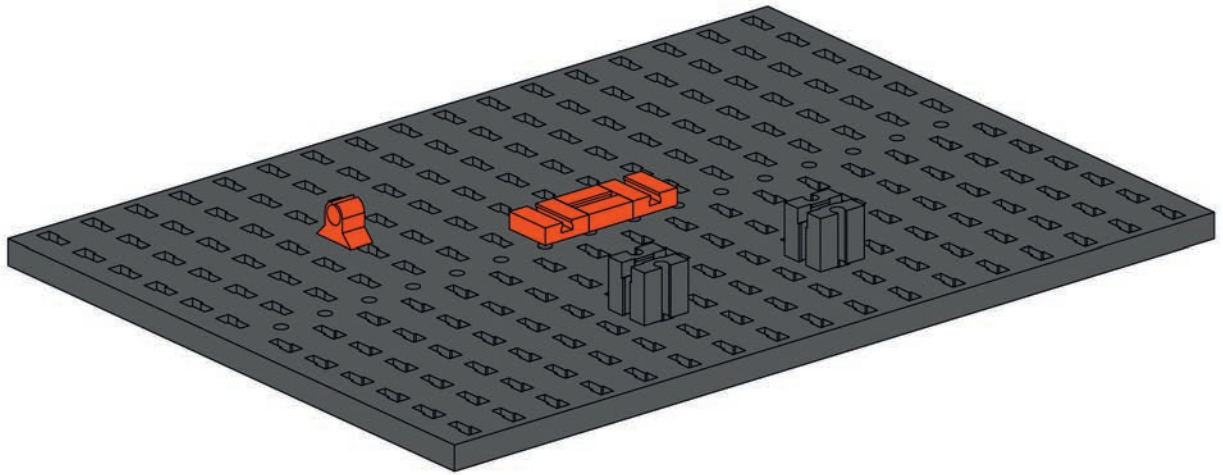
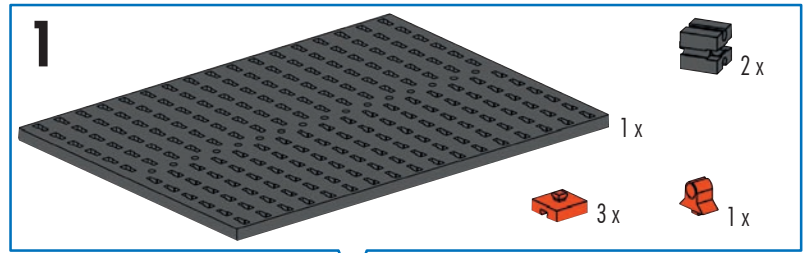


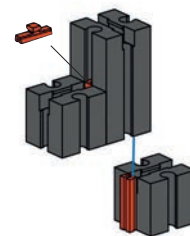
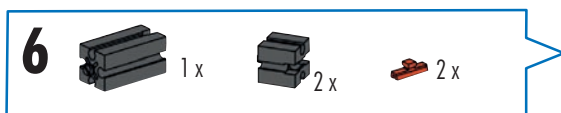
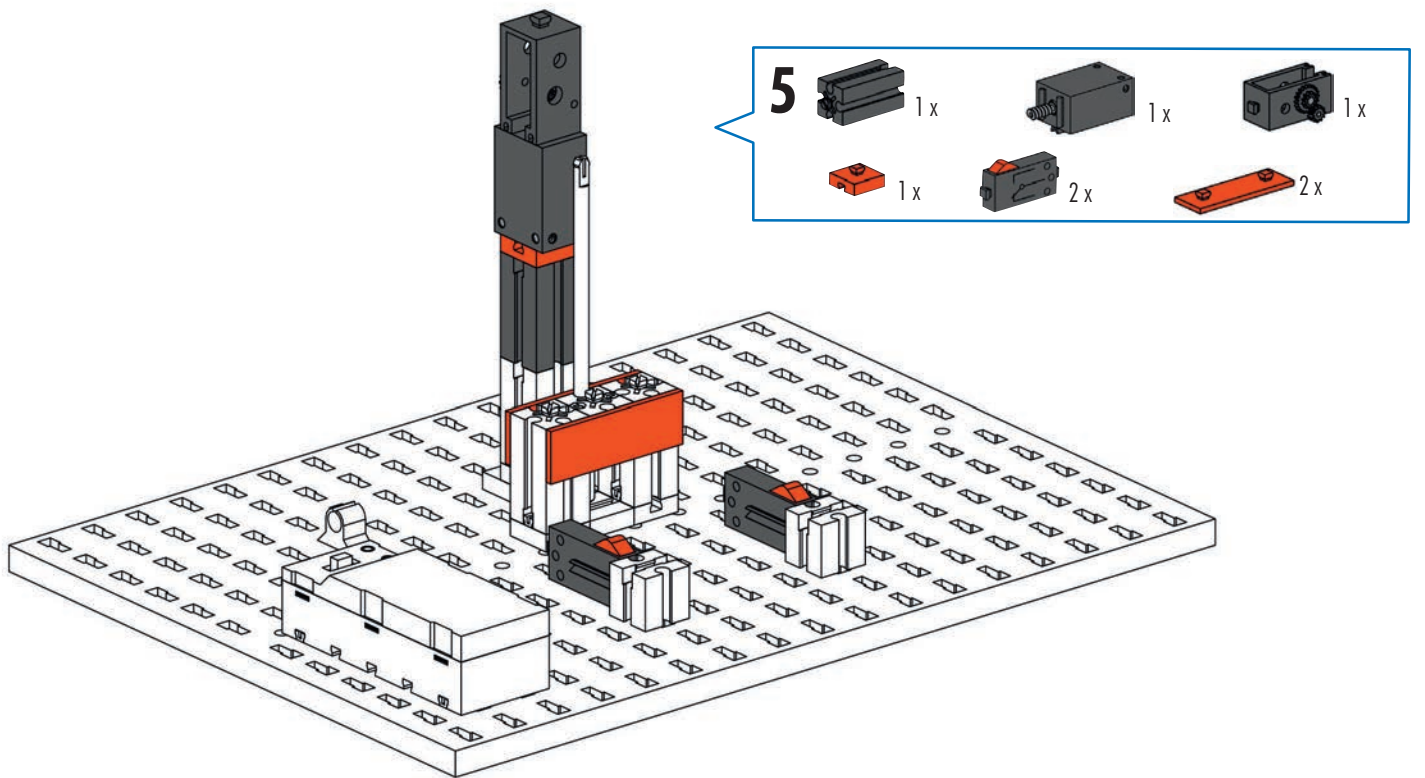
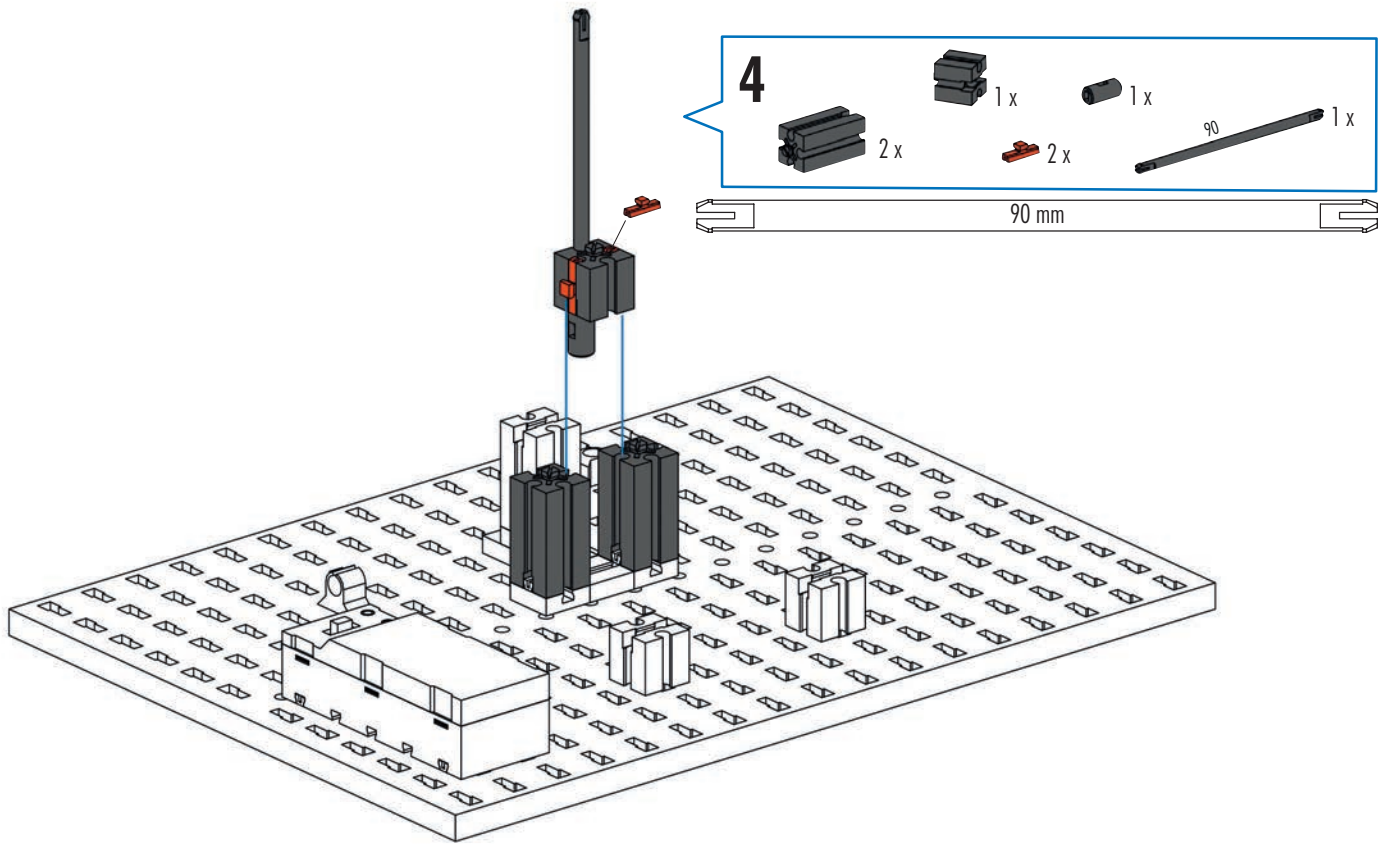


Stanze  
Punch  
Estampe

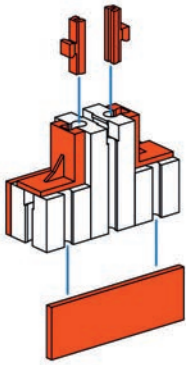
Stansmaschine  
Punzonadora  
Punção



Pressa per coniare  
Высечной пресс  
冲床



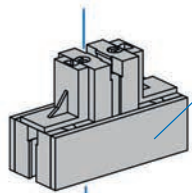






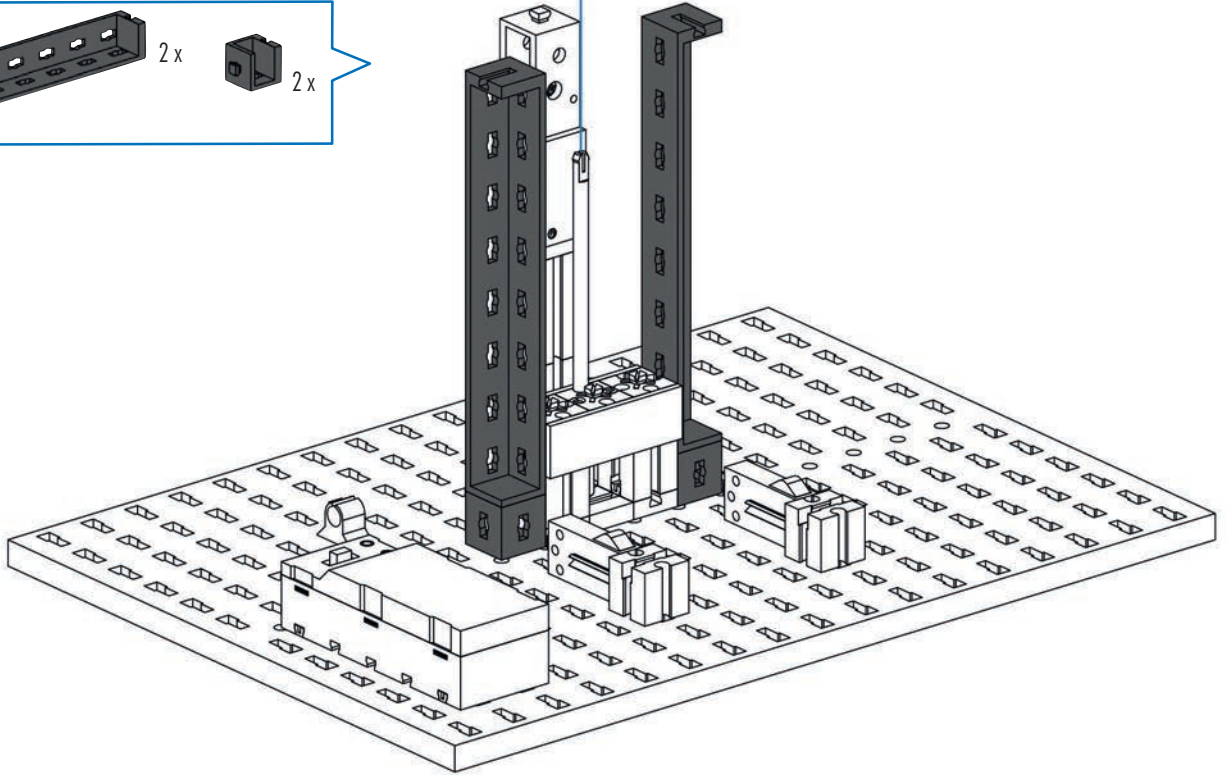






**7**  2x  2x  2x

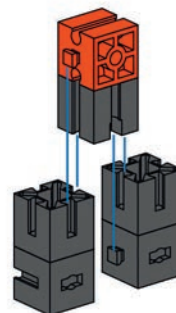
**7**



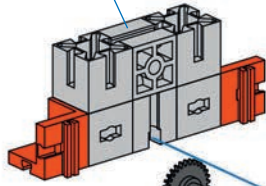
**8**  2x  2x



**9**  1x  1x  2x  2x

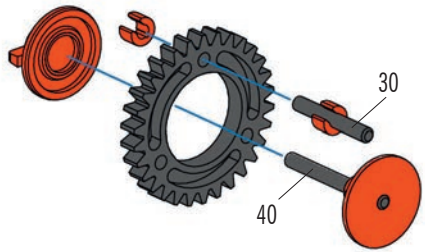
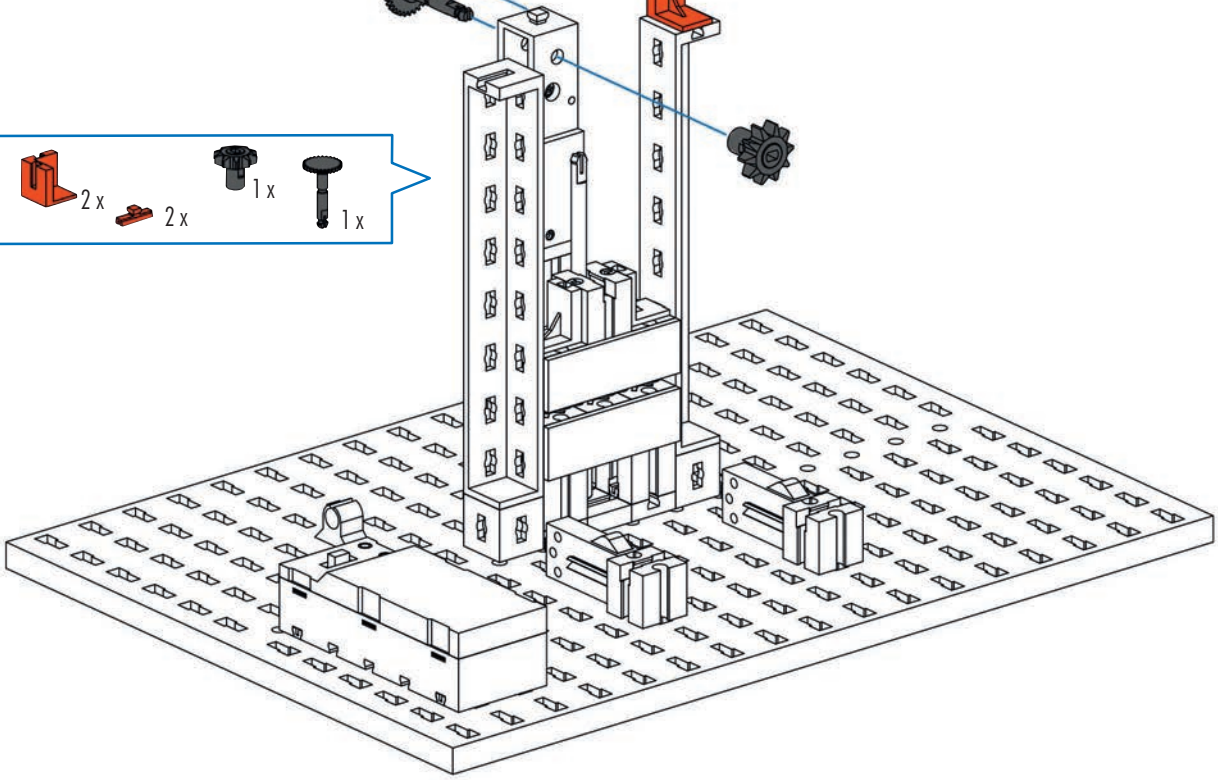


9



**10**

- 1x
- 2x
- 2x
- 1x
- 1x



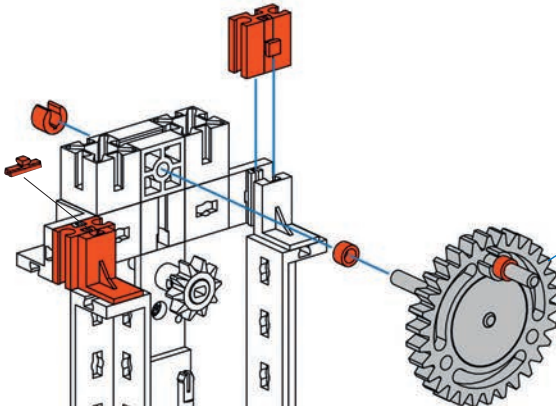
**11**

- 1x
- 1x
- 1x
- 2x
- 1x
- 1x







30 mm

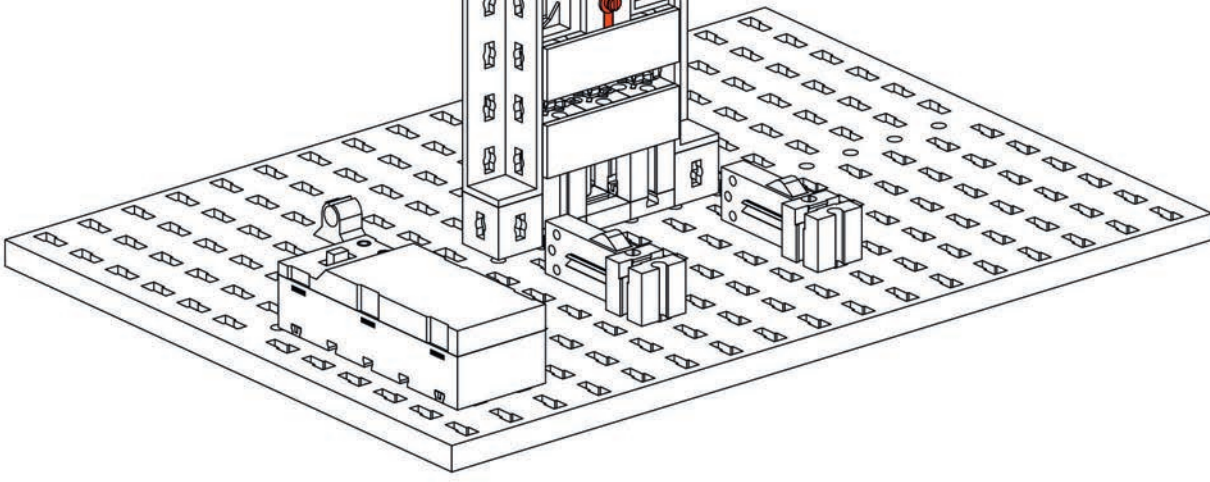
40 mm

11







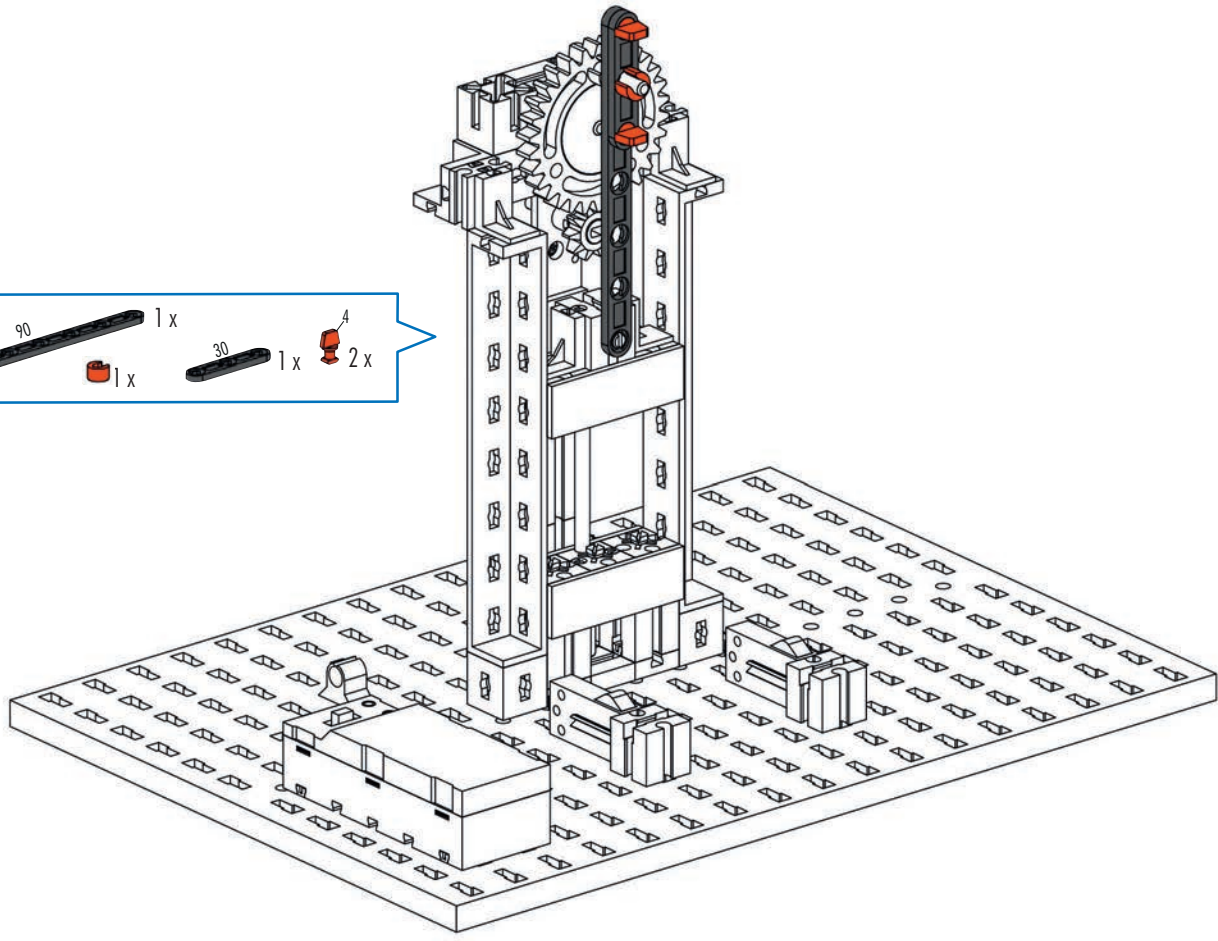
**12**

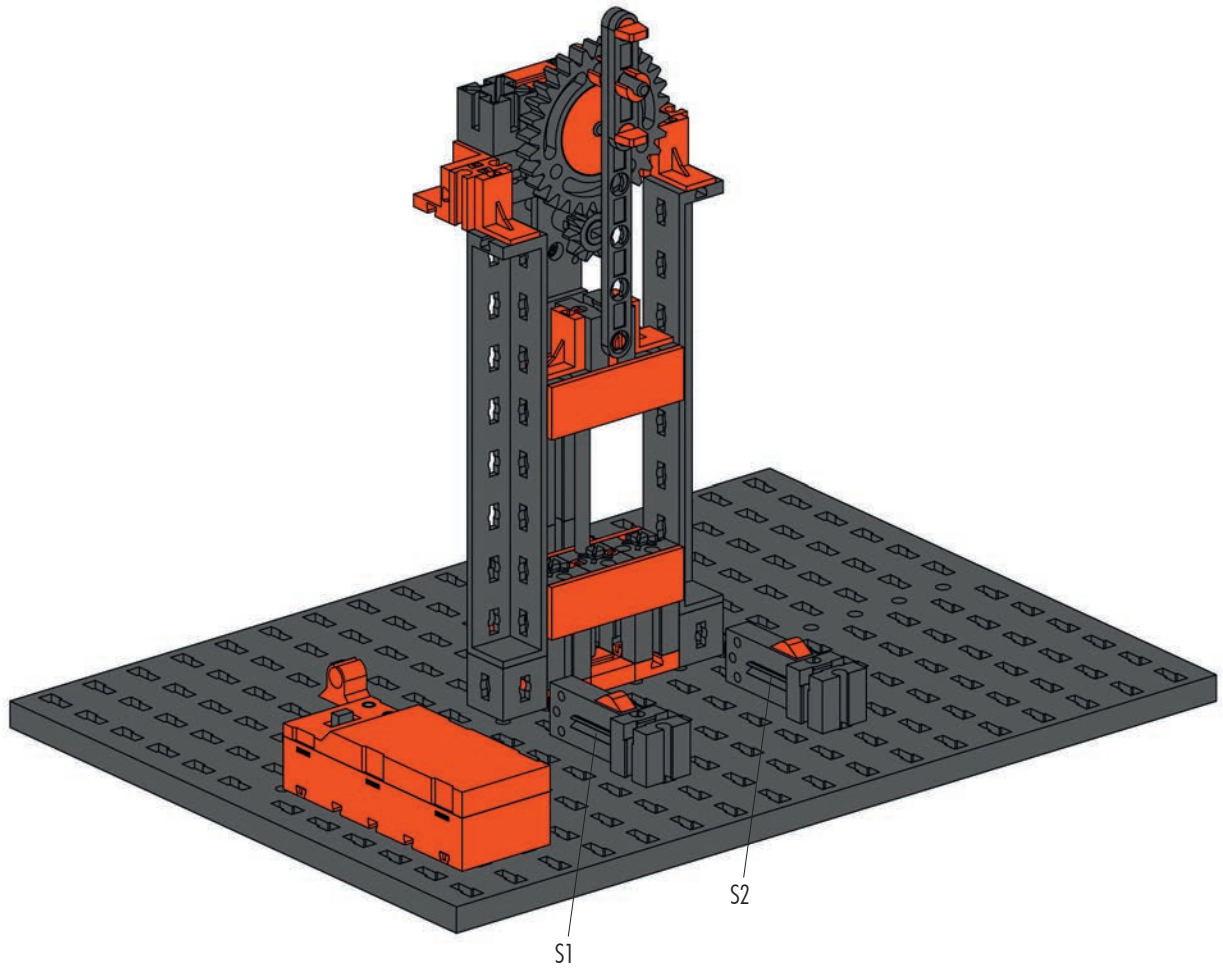
-  1x
-  2x
-  1x
-  2x
-  2x
-  1x



**13**

-  90 1x
-  1x
-  30 1x
-  2x

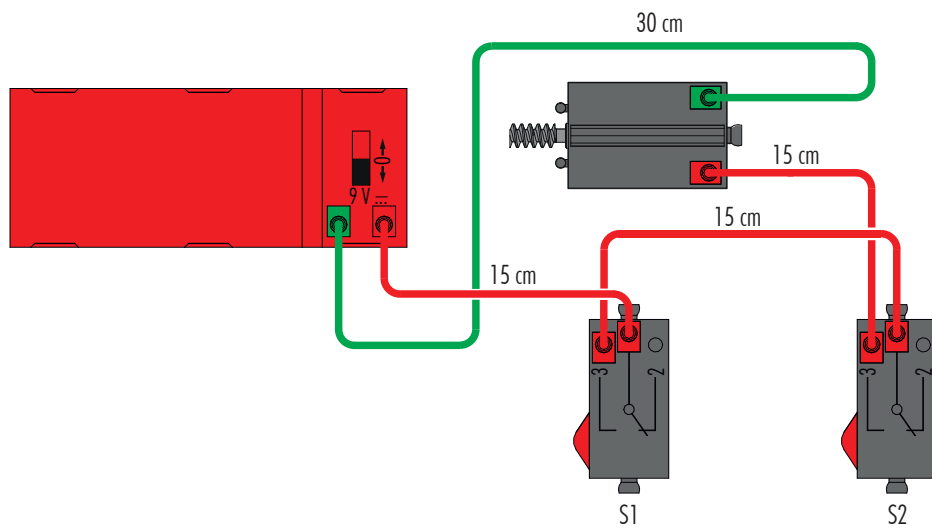




Schaltplan  
 Circuit diagram  
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 Plano elétrico de ligação

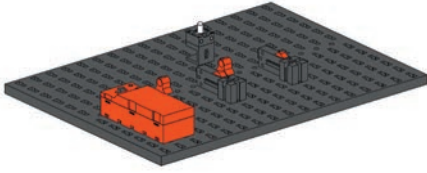
Schema elettrico  
 Схема подключения  
 电路图



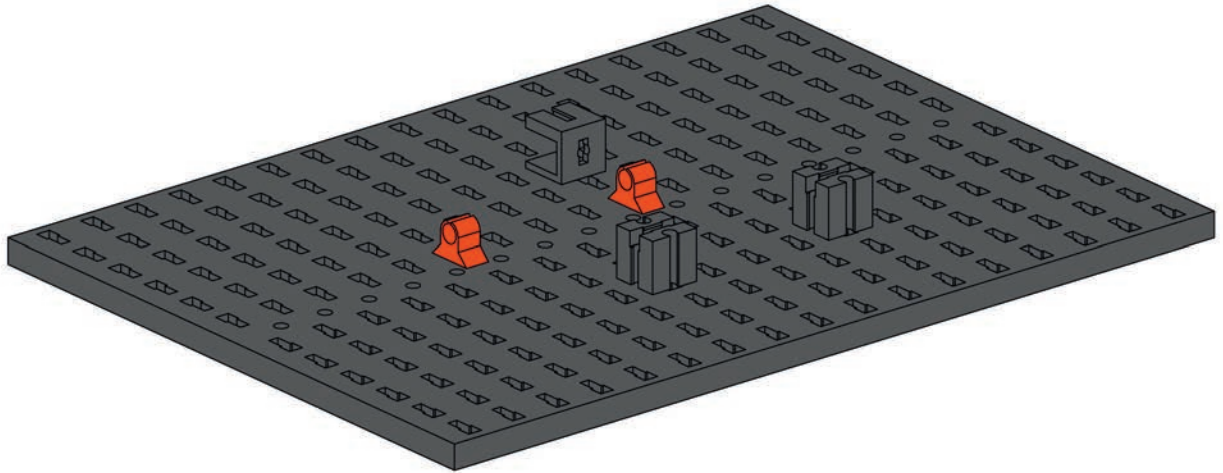
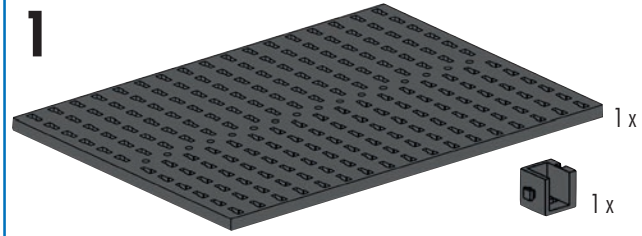
Parallelschaltung  
Parallel connection  
Montage parallèle

Parallelschakeling  
Conexión en paralelo  
Conexão em paralelo

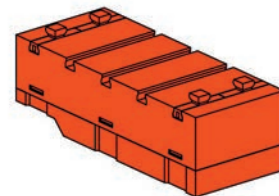
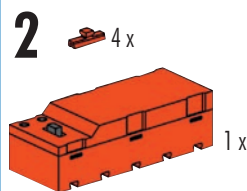
Collegamento in parallelo  
Параллельное  
соединение  
并联



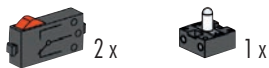
1



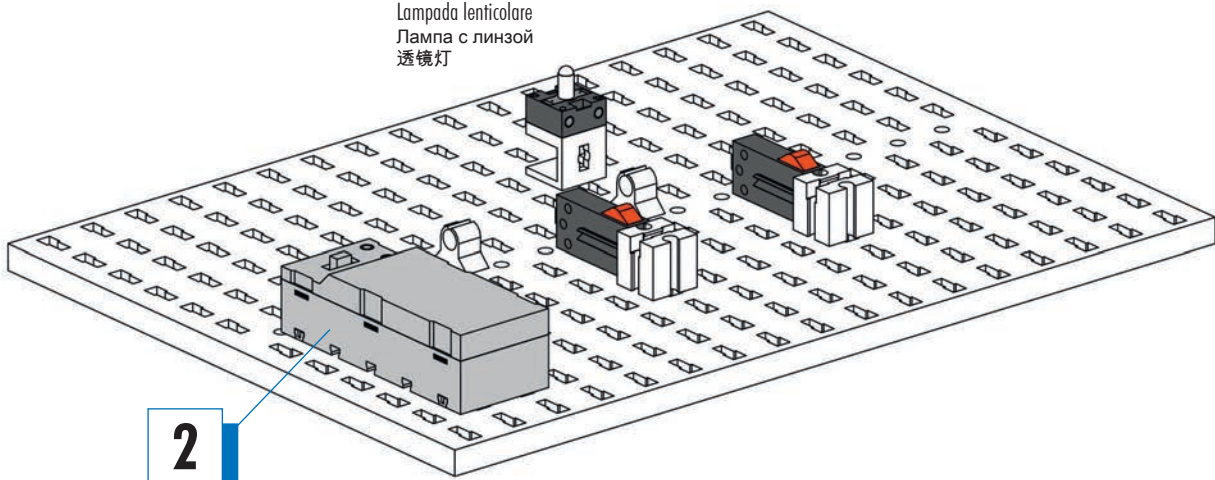
2



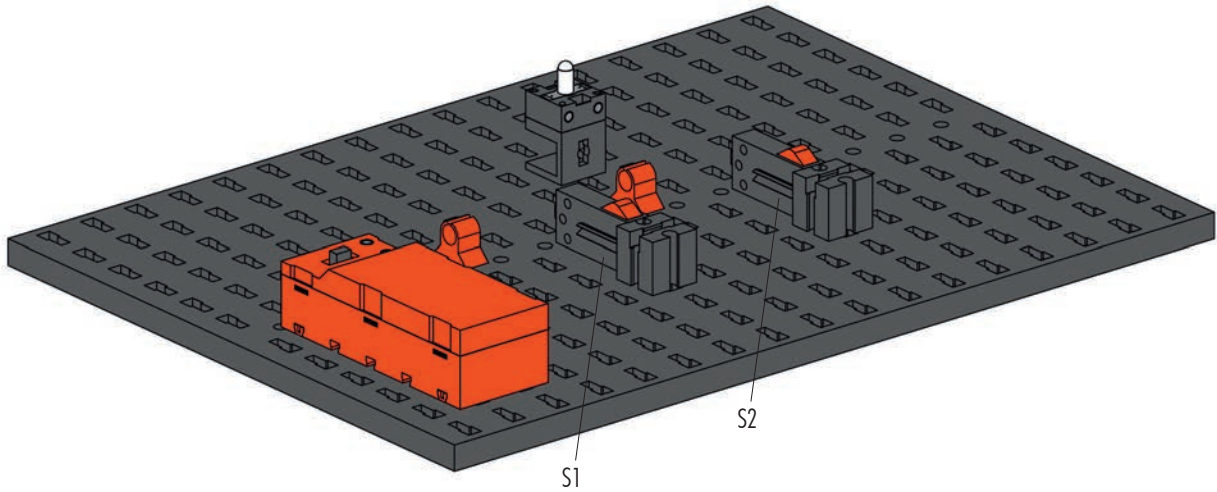
3



Linsenlampe  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯



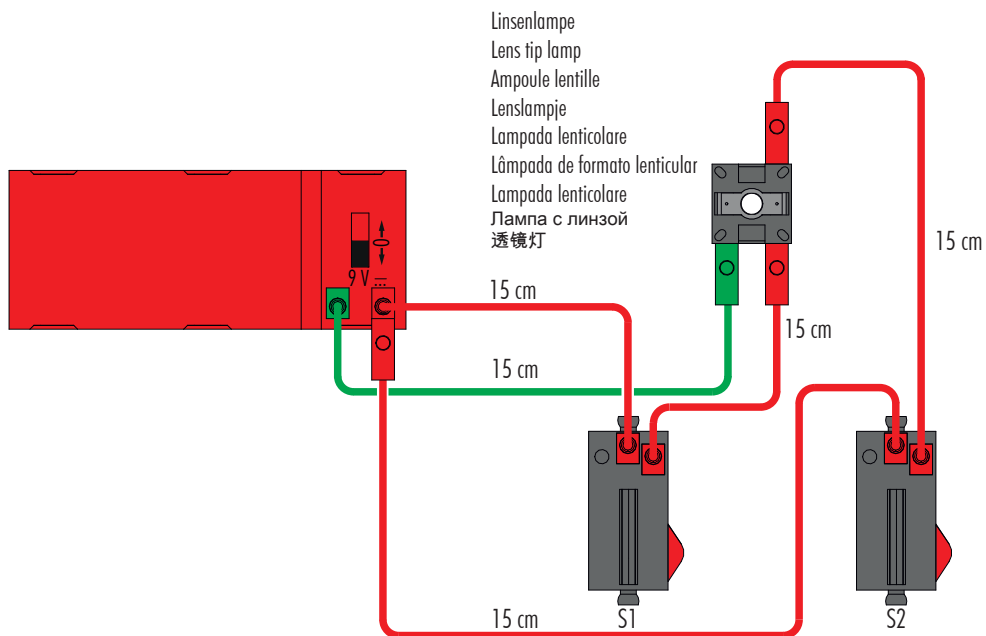
2

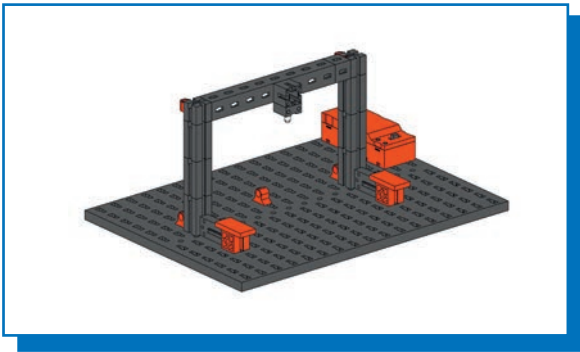


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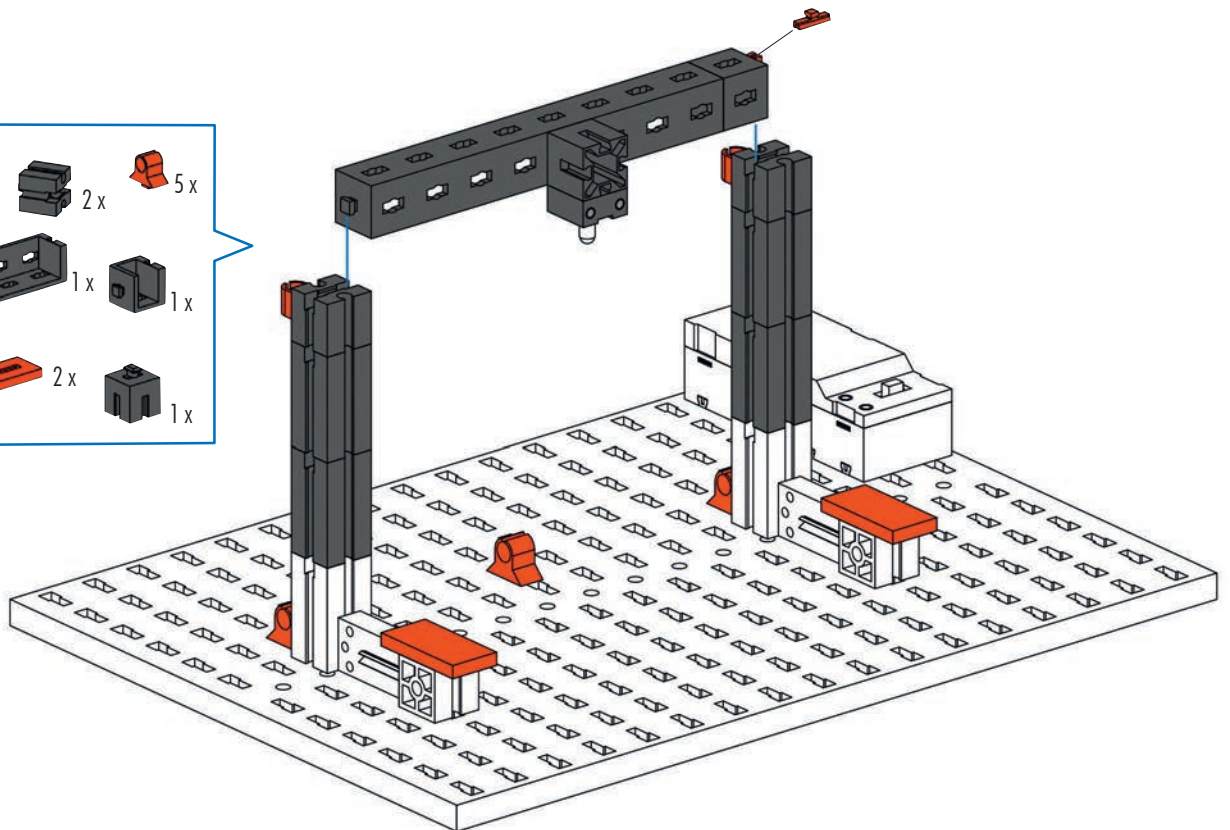
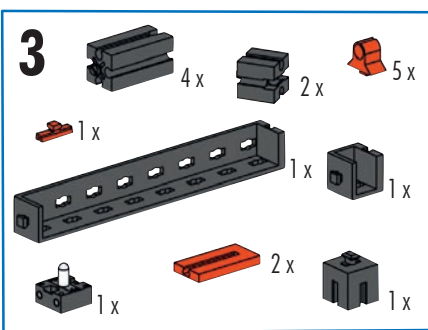
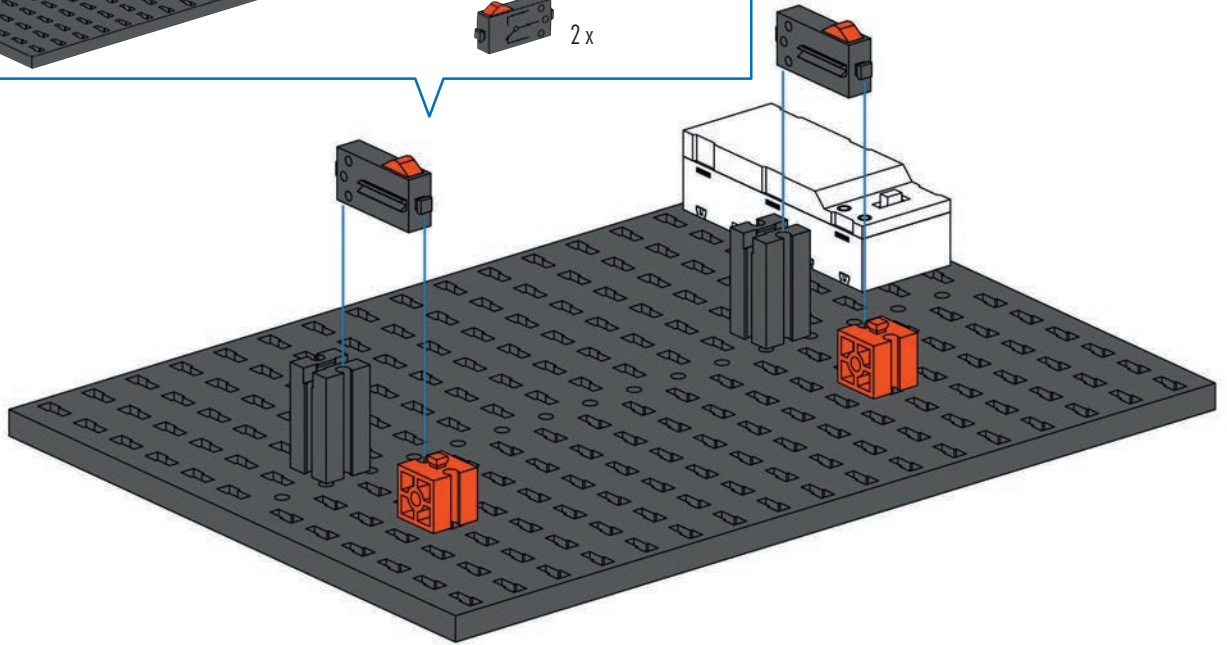
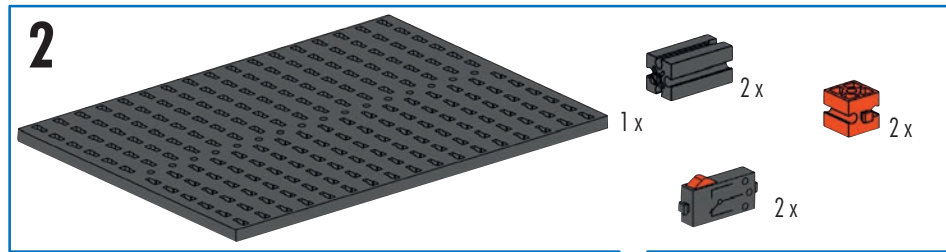
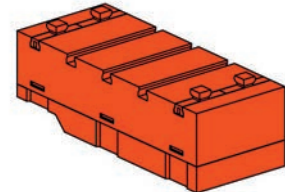
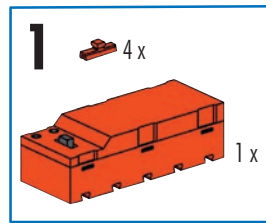




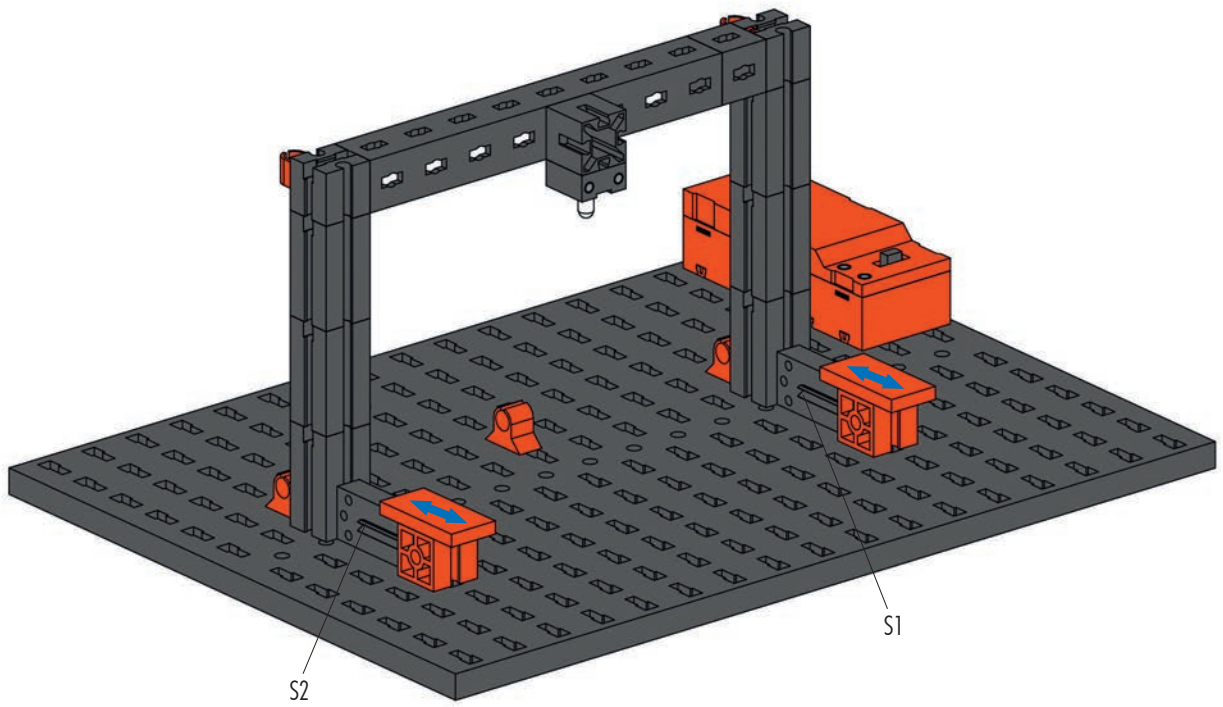
Flurbeleuchtung  
Hallway lighting  
Éclairage d'un couloir

Vloerverlichting  
Iluminación se pasillo  
Iluminação de corredor

illuminazione corridoio  
Освещение коридора  
走廊照明灯



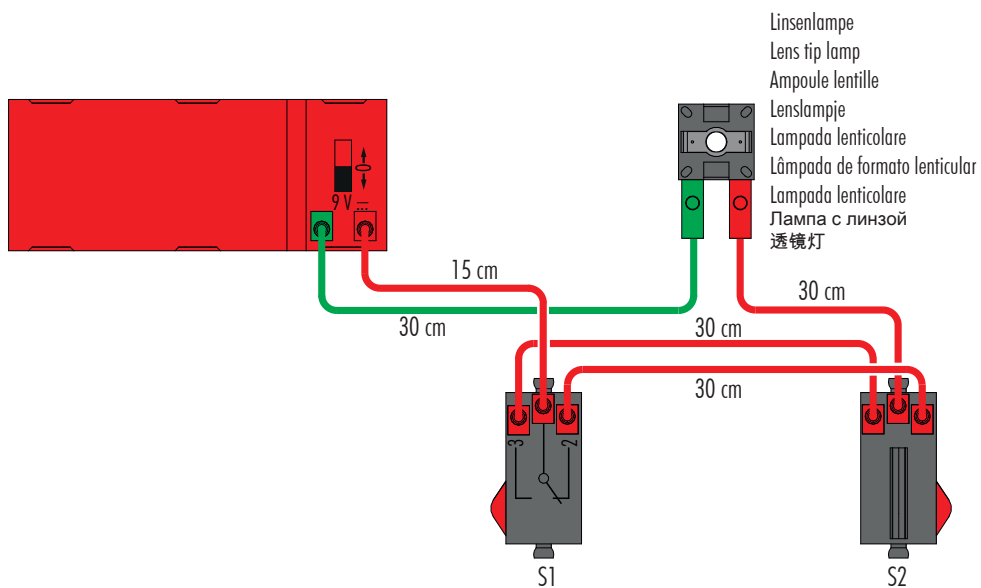
Linsenlampe  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯



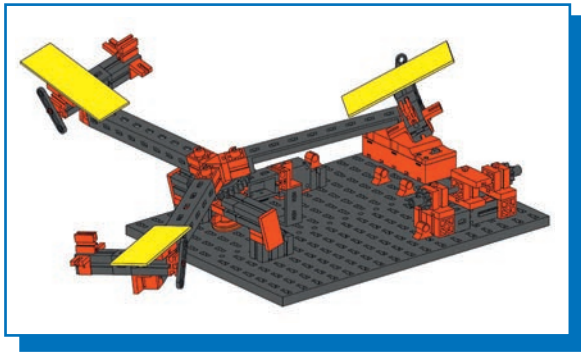
**Schaltplan**  
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**电路图**



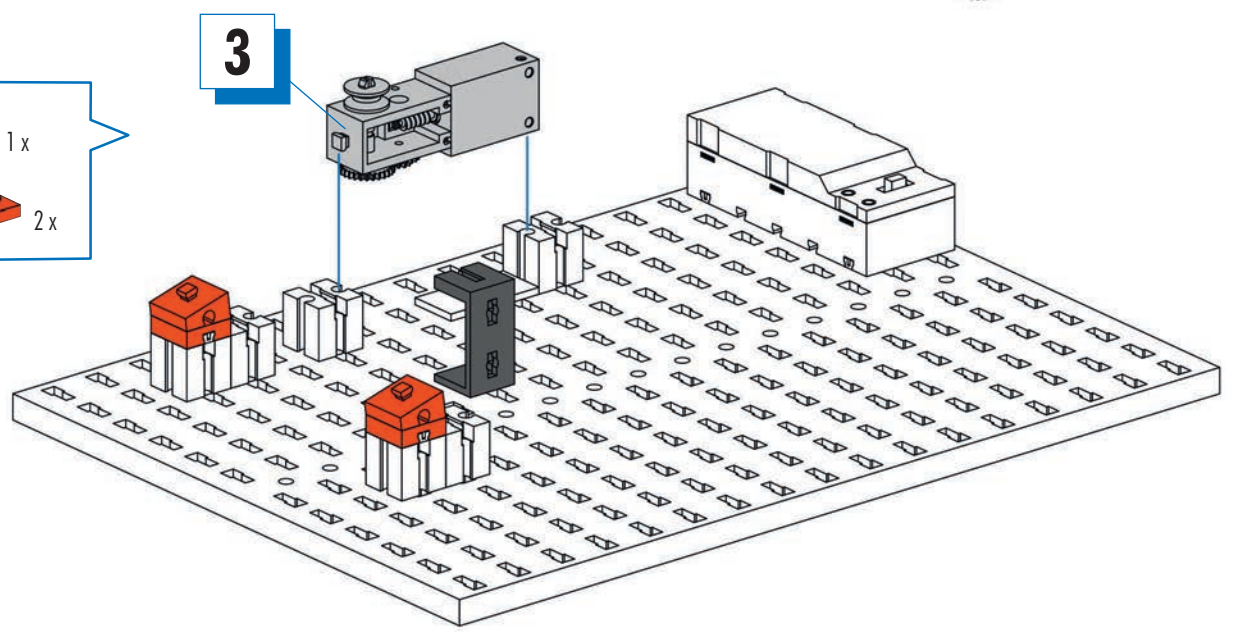
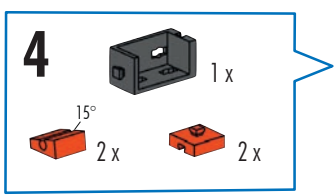
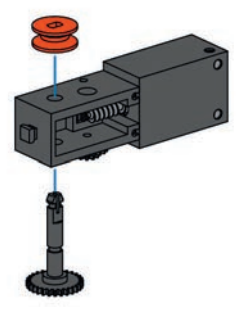
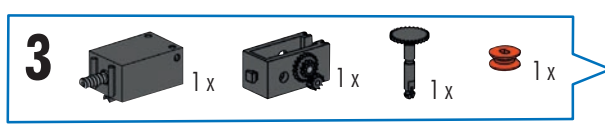
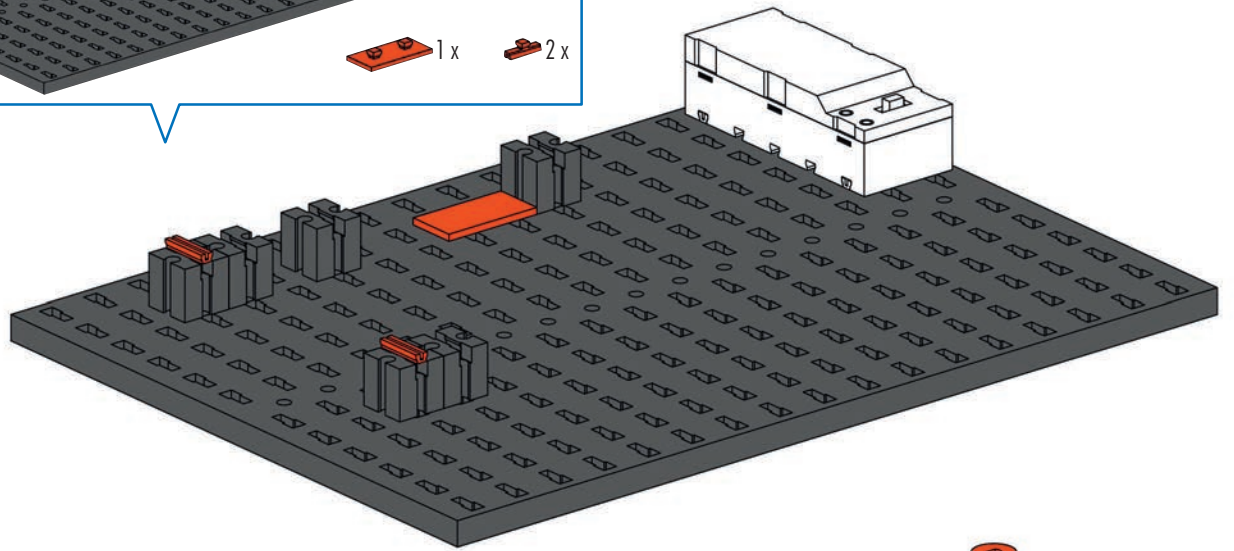
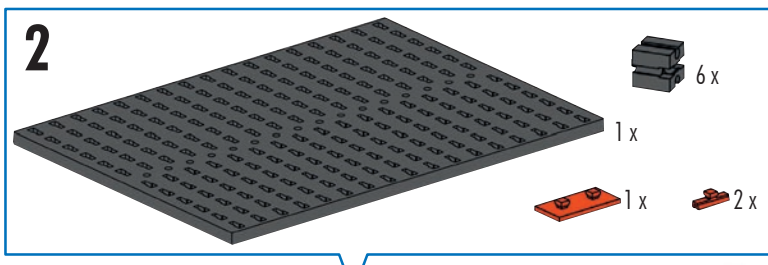
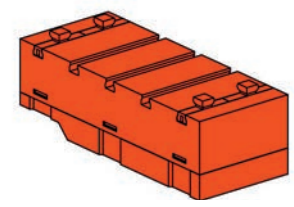
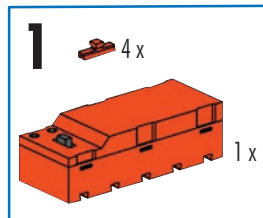


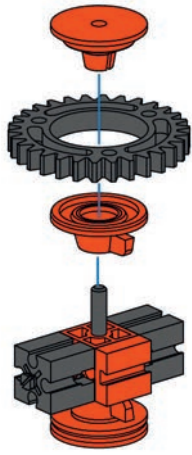


**Karussell mit Polwendesalter**  
**Merry-go-round with pole reversing switch**  
**Manège avec commutateur de polarité**

**Draaimolen met poolomkeerschakelaar**  
**Tiovivo con interruptor comutador de polos**  
**Carrossel com comutador**

**Giostra con invertitore di polarità**  
**Карусель с переключателем полюсов**  
**配备极性转换开关的旋转木马**





**5**

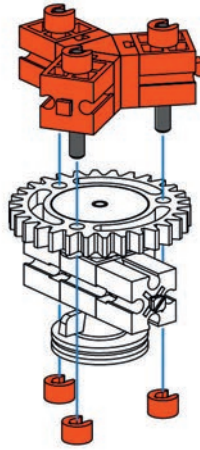
- 1 x Grey Gear
- 2 x Black Technic Brick
- 1 x Red Technic Brick
- 1 x Red Technic Brick
- 2 x Red Technic Bush
- 2 x Red Technic Bush
- 1 x Red Technic Pin
- 1 x Red Technic Pin (40)

40 mm

**6**

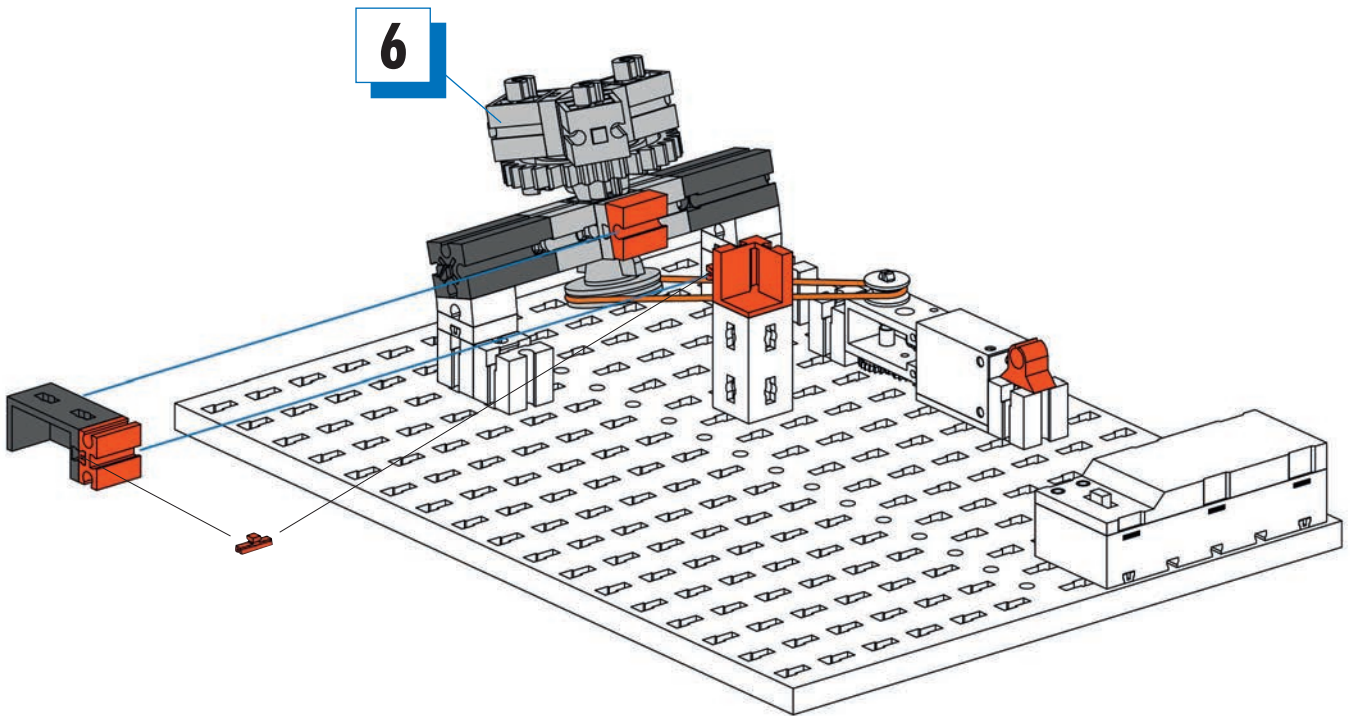
- 1 x Red Technic Bush
- 3 x Red Technic Bush
- 3 x Red Technic Bush
- 3 x Red Technic Pin (30)
- 6 x Red Technic Pin

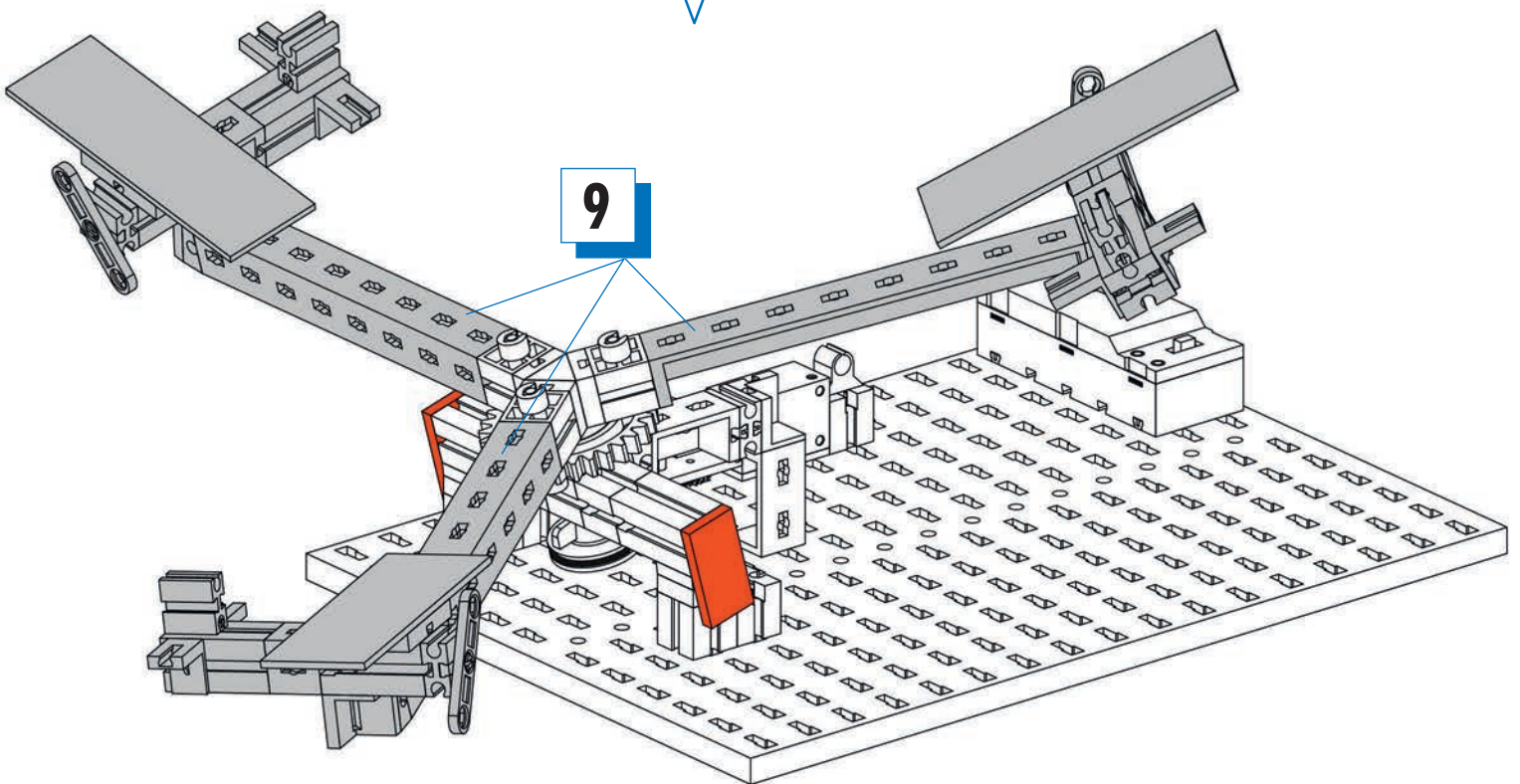
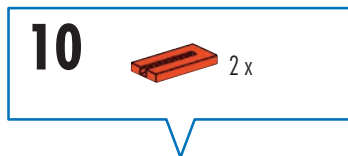
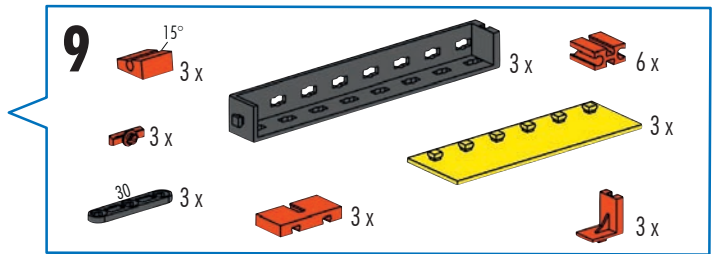
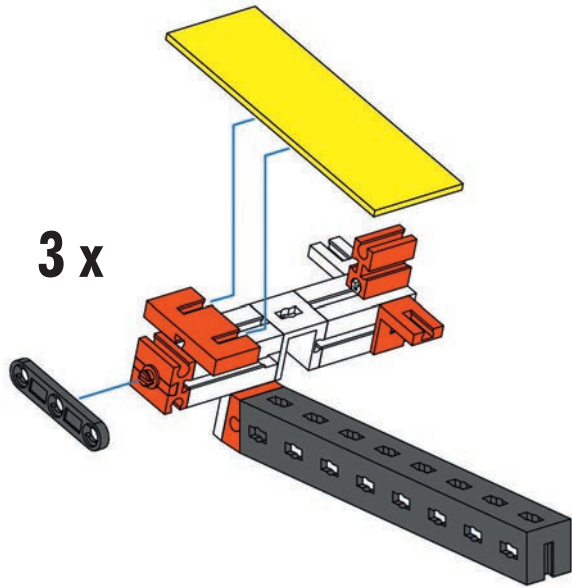
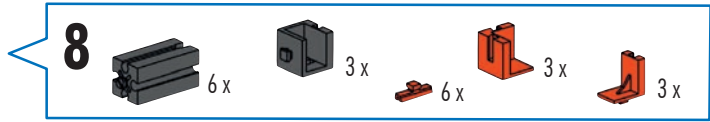
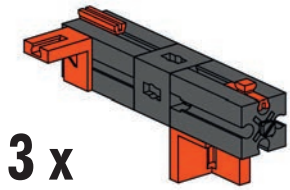
30 mm







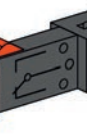

**7**



- 2 x Black Technic Brick
- 1 x Black Technic Brick
- 1 x Red Technic L-Bracket
- 1 x Red Technic Brick (15°)
- 1 x Red Technic Brick
- 2 x Red Technic Bush
- 2 x Red Technic Bush
- 1 x Red Technic Pin
- 1 x Red Rubber Band

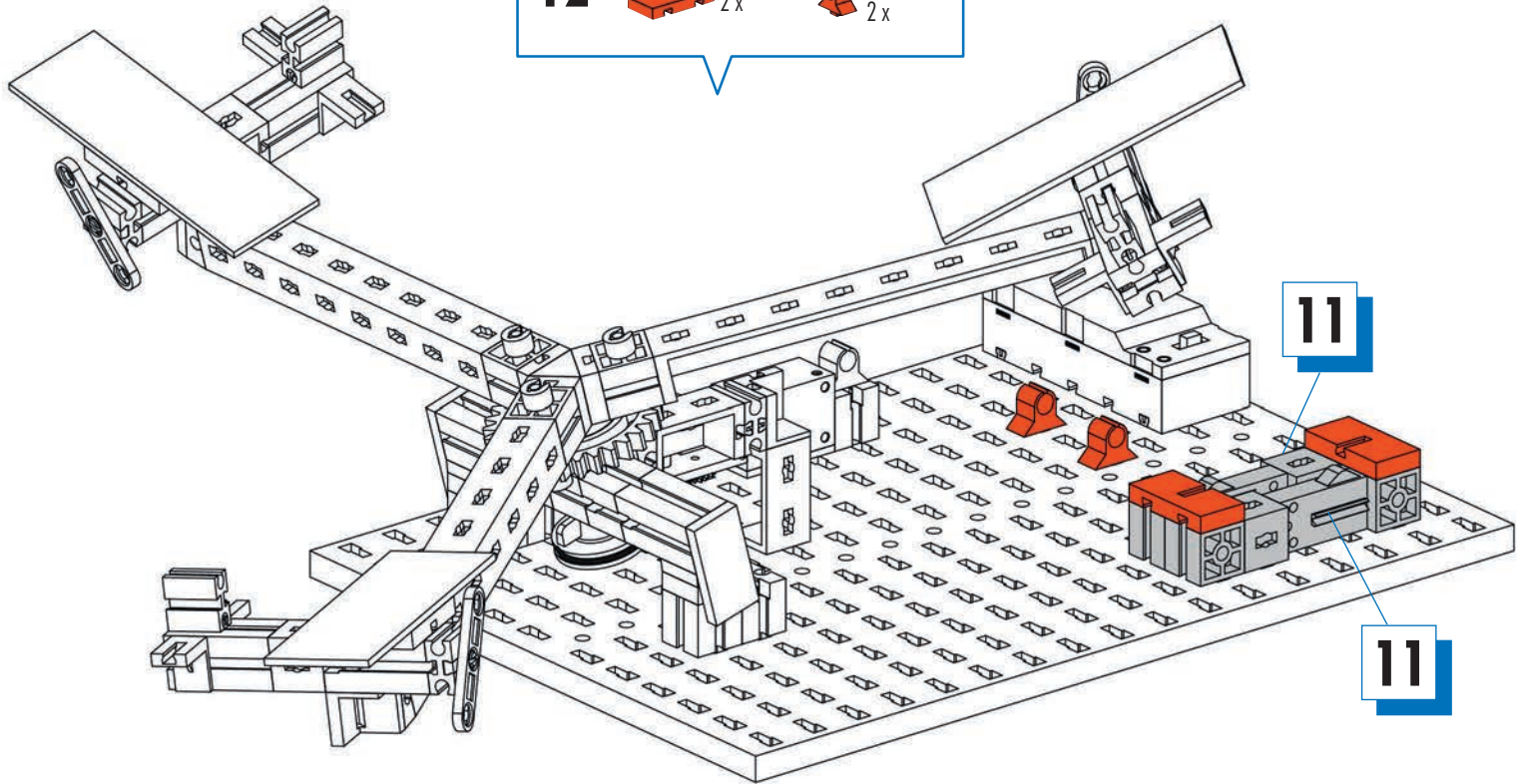







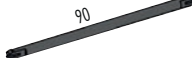



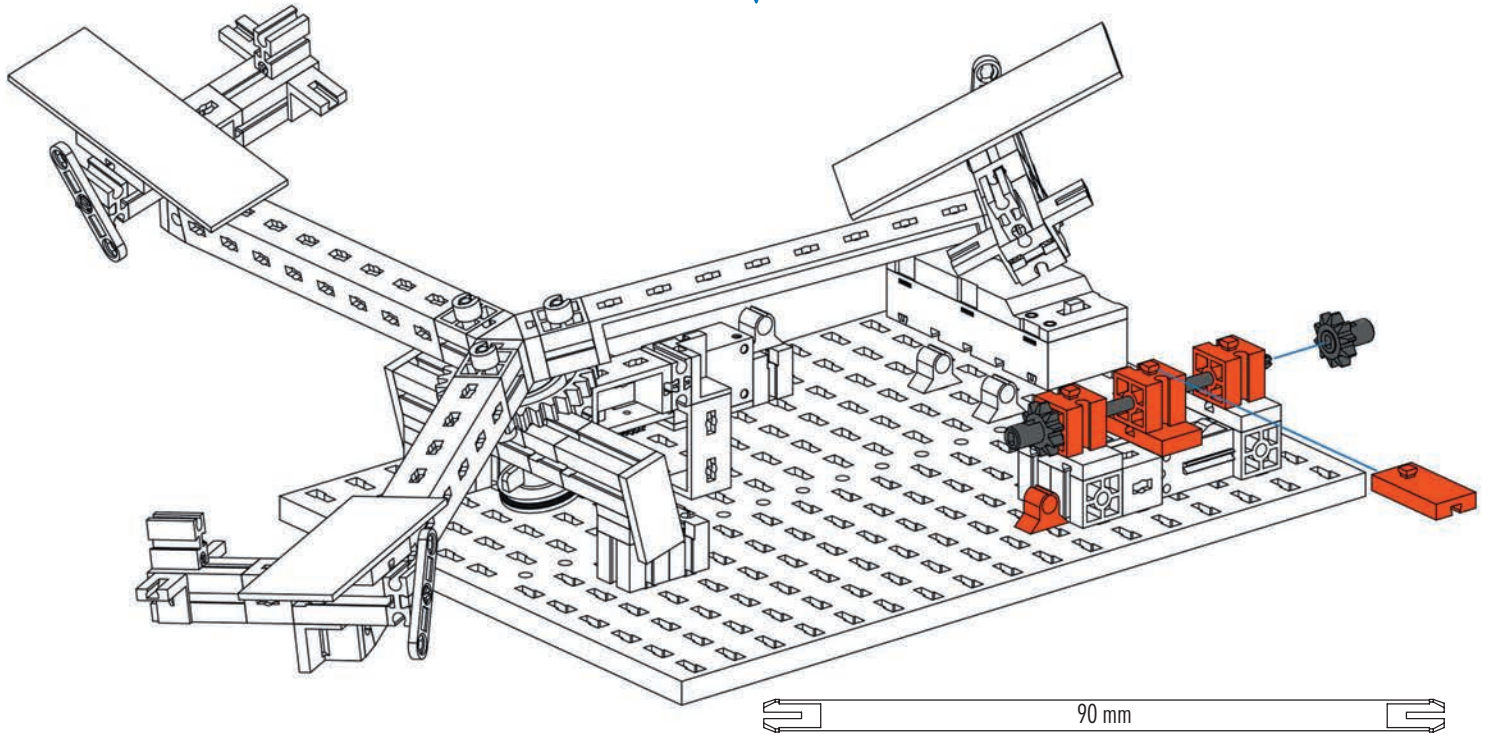
**11**  4x  2x  2x

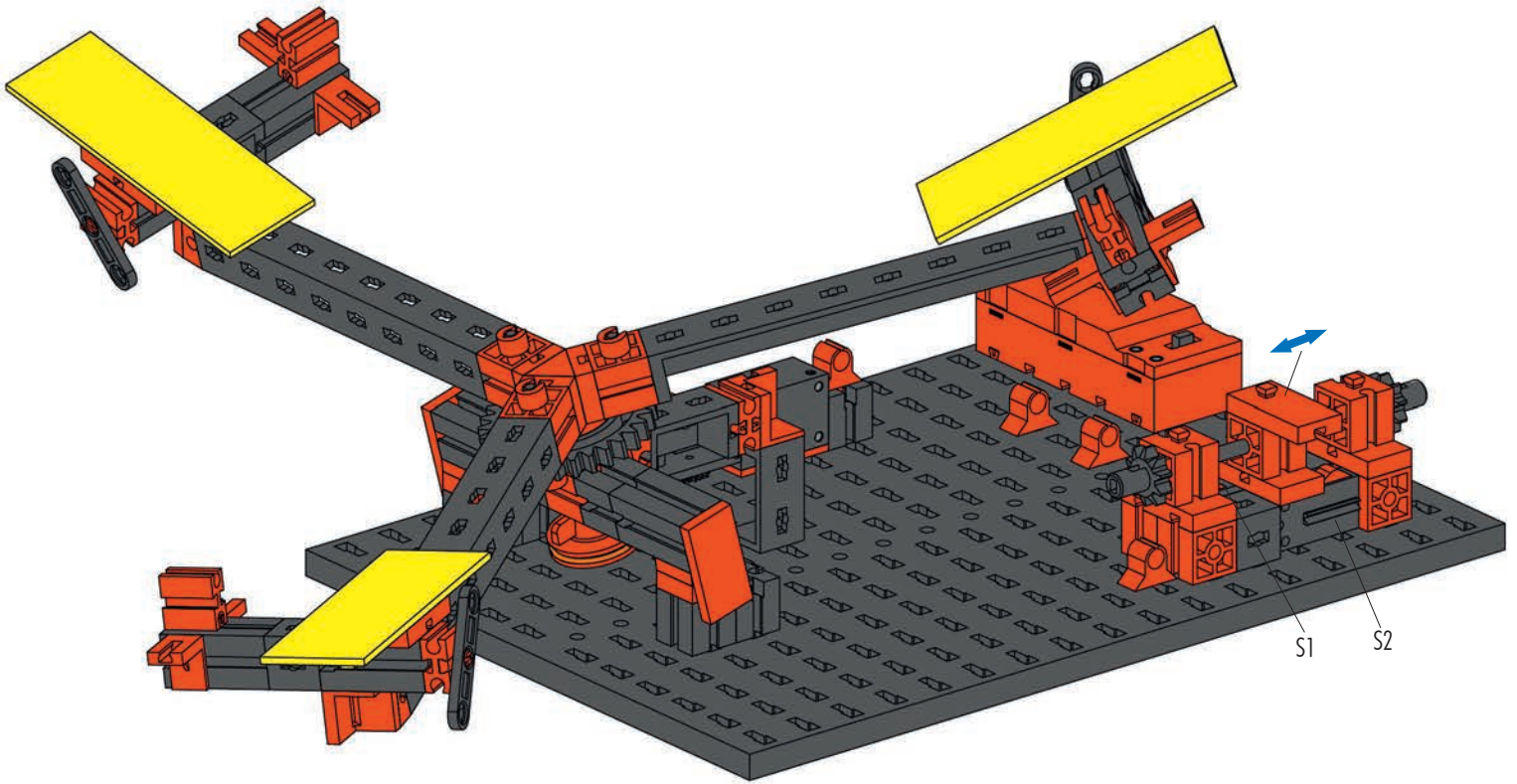
   **2x**

**12**  2x  2x



**13**  3x  1x  1x  1x  2x  90  1x

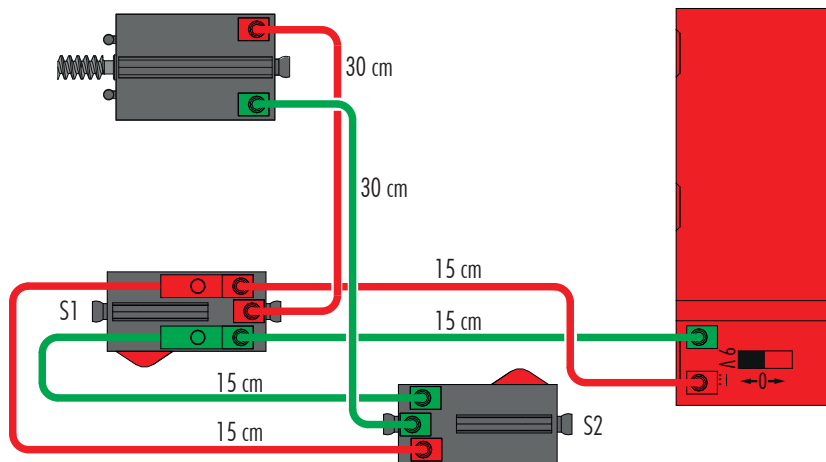


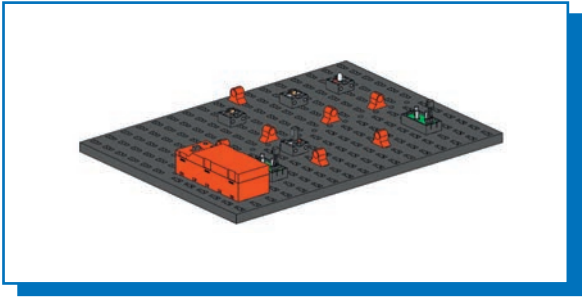


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Schakelschema  
Diagrama de circuitos  
Plano elétrico de ligação

Schema elettrico  
Схема подключения  
电路图

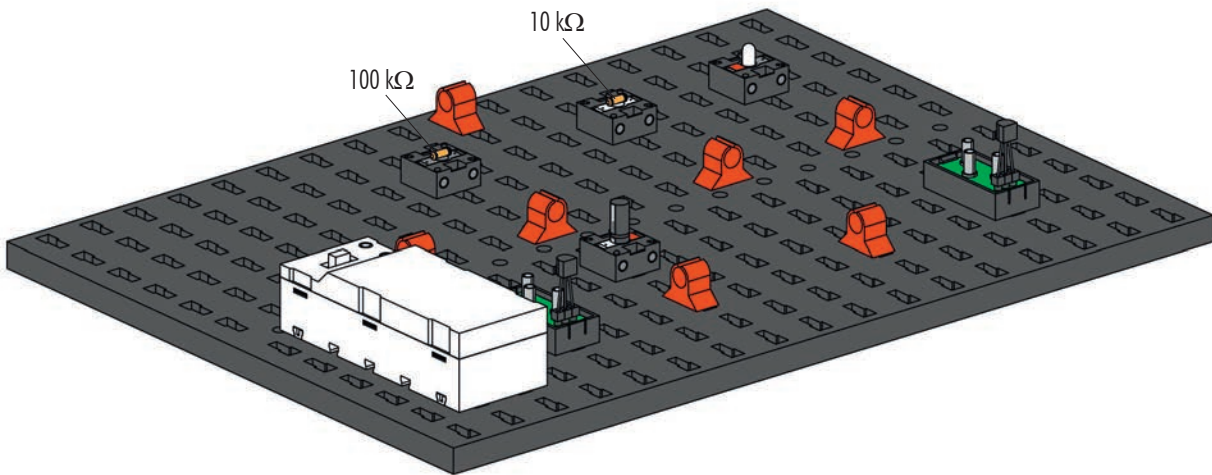
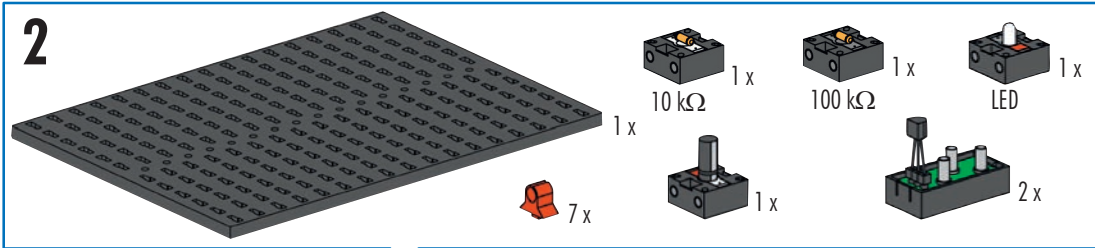
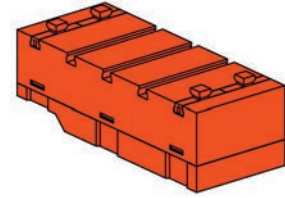
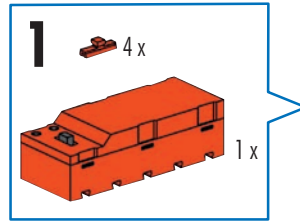


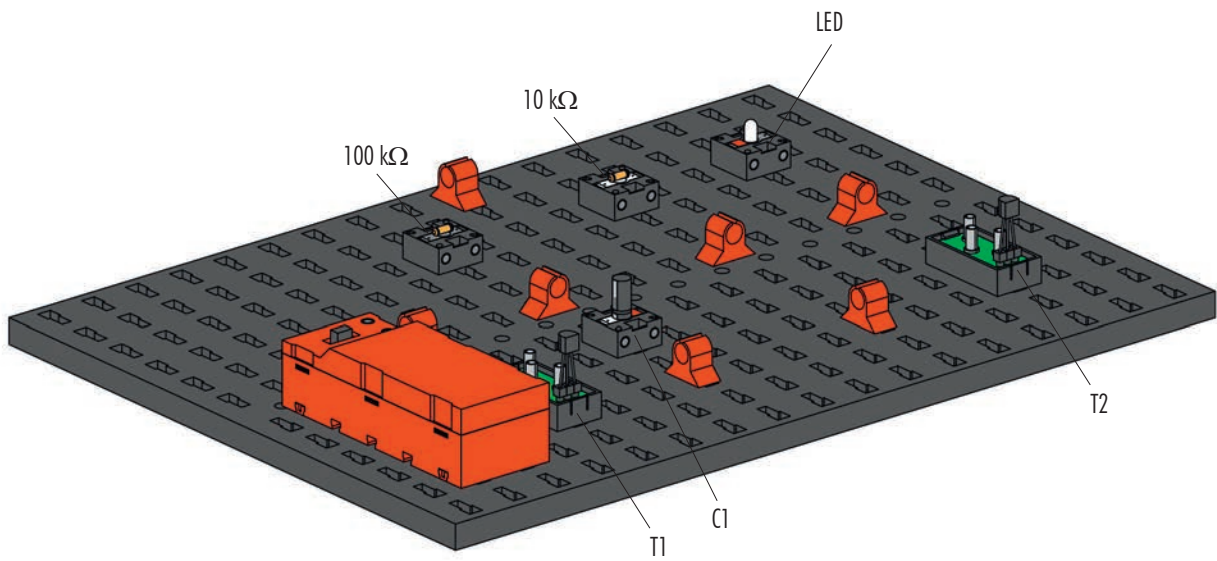


Einfacher Blinker  
Simple flasher  
Clignotant simple

Eenvoudig knipperlicht  
Intermittente sencillo  
Pisca-pisca simples

Lampeggiatore semplice  
Простая мигалка  
单个闪烁灯

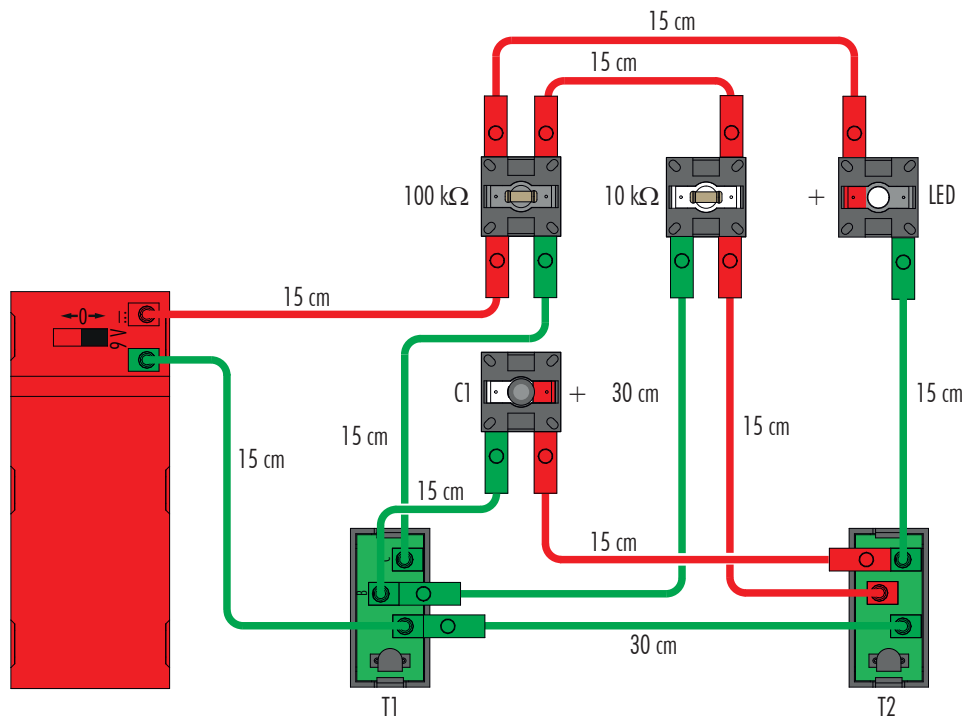


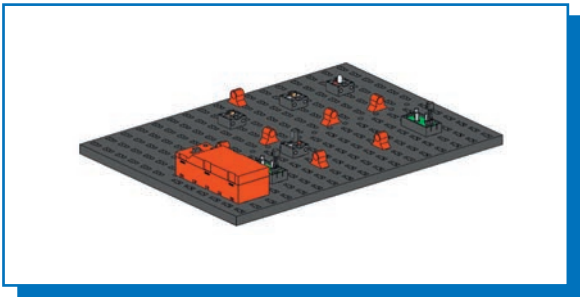


Schaltplan  
 Circuit diagram  
 Plan électrique

Schakelschema  
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 Plano elétrico de ligação

Schema elettrico  
 Схема подключения  
 电路图

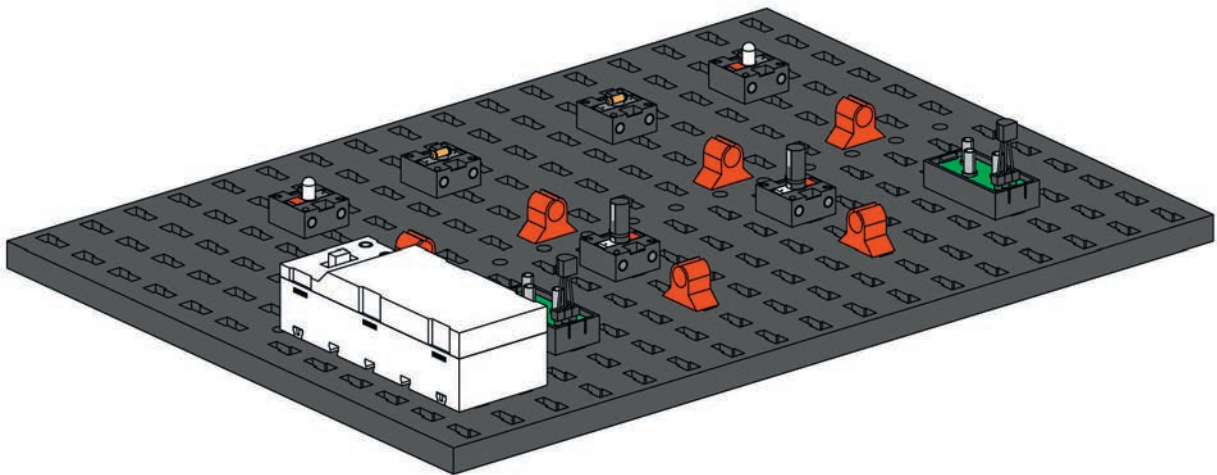
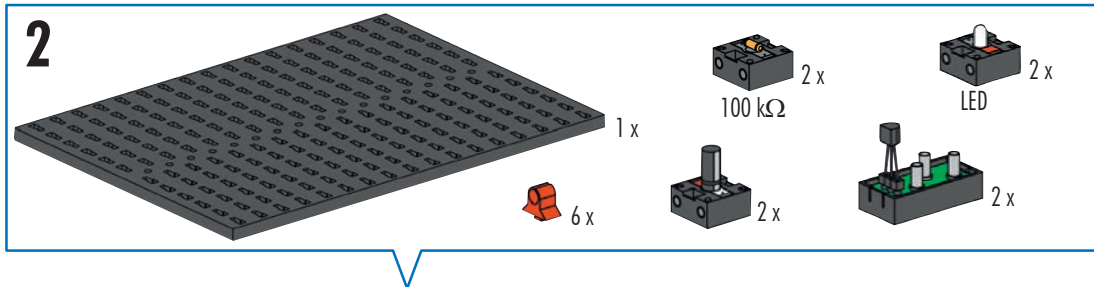
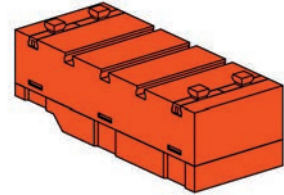
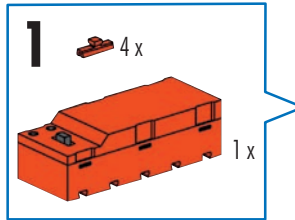




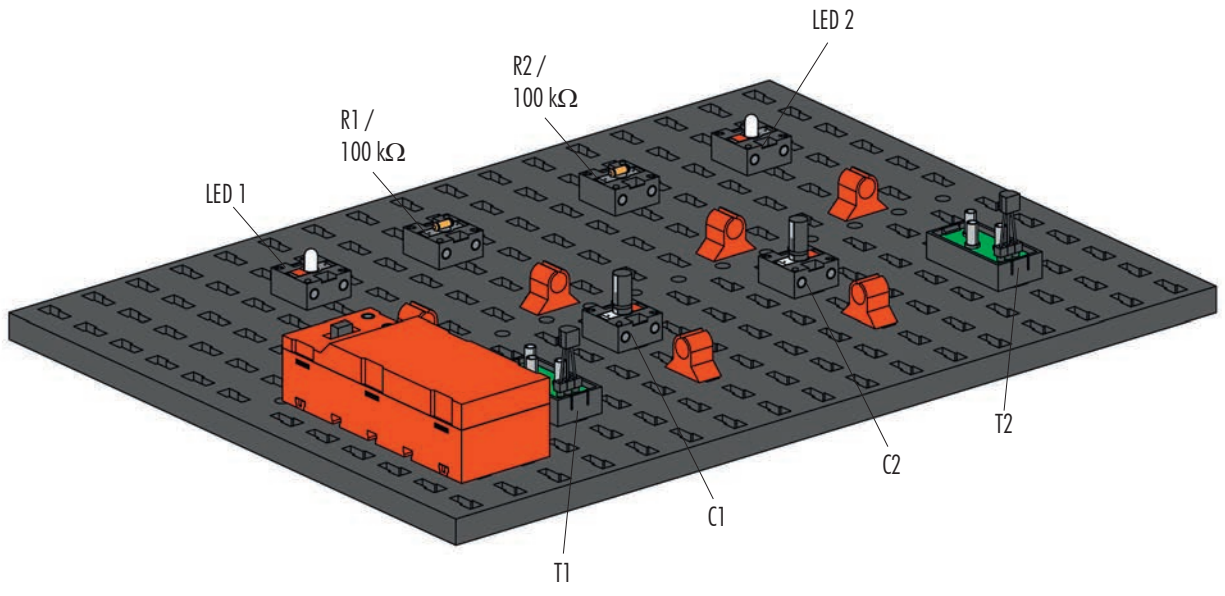
**Wechselblinker**  
**Alternating flasher**  
**Clignotant alternant**

**Knipperlichtwisselaar**  
**Intermitente alternado**  
**Pisca-pisca comutável**

**Lampeggiatore alternato**  
 Переменная мигалка  
 两个交替的闪烁灯



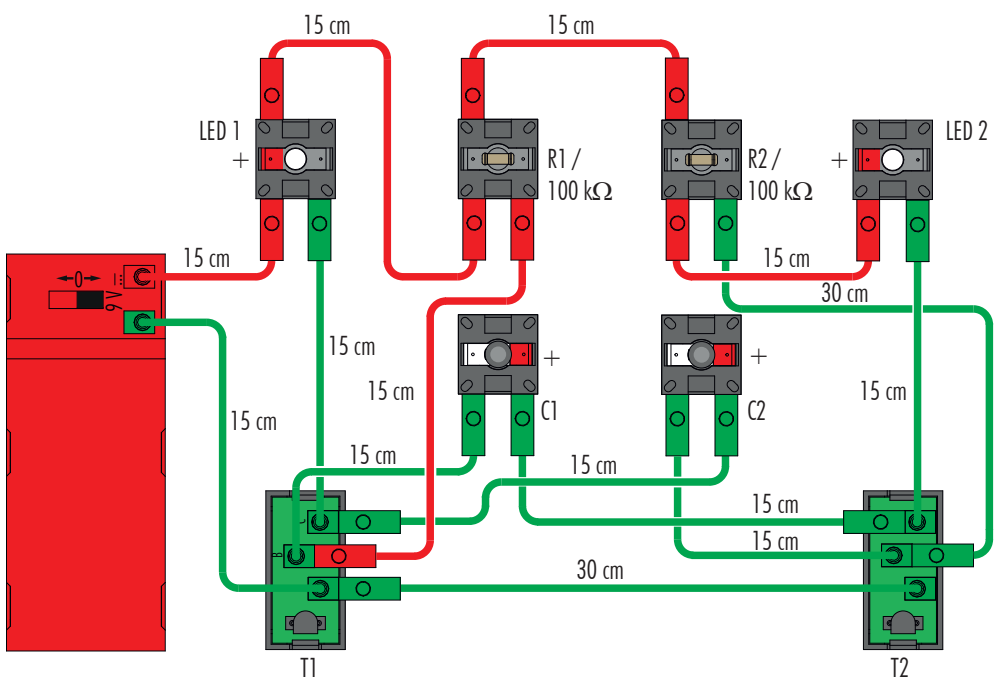


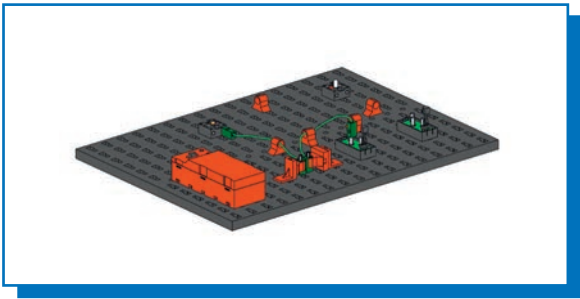


Schaltplan  
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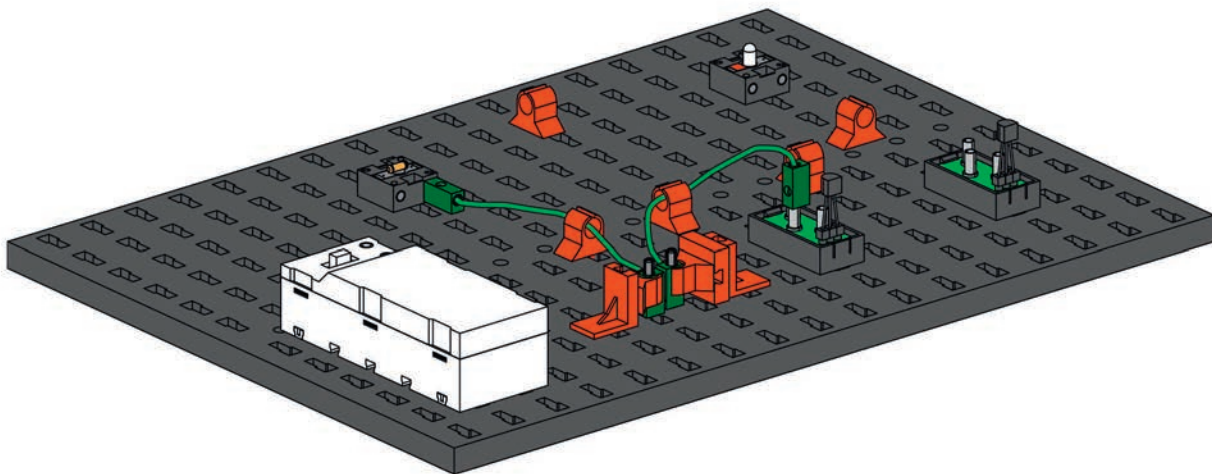
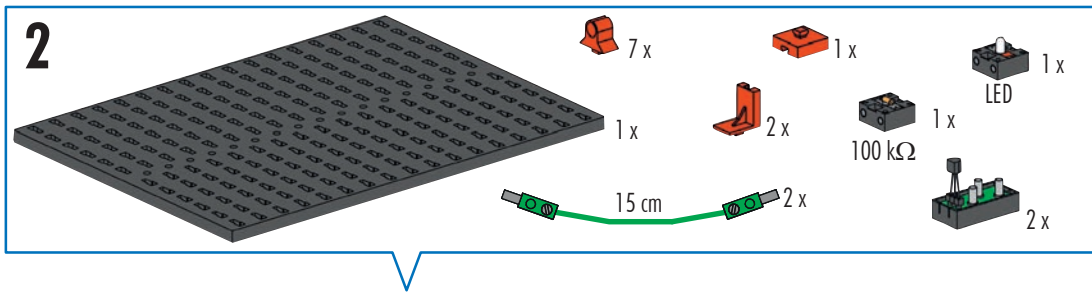
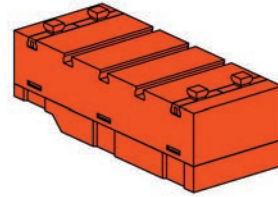
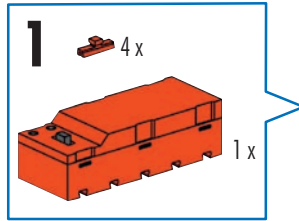


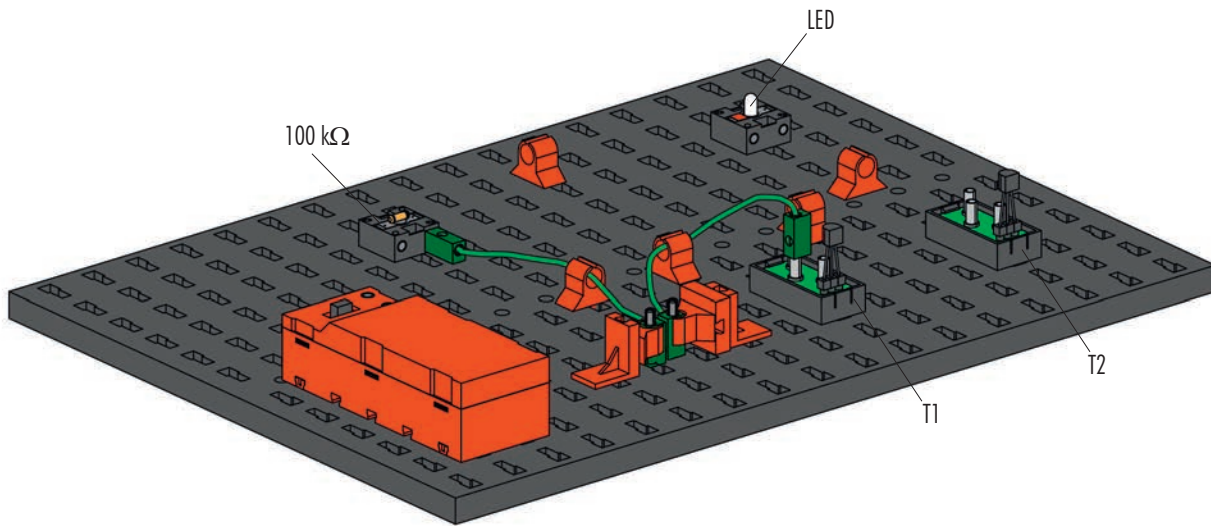


**Berührungsschalter**  
**Touch switch**  
**Commutateur tactile**

**Contactschakelaar**  
**Interruptor de contacto**  
**Interruptor de toque**

**Interruttore a sfioramento**  
**Сенсорный выключатель**  
**触摸式开关**

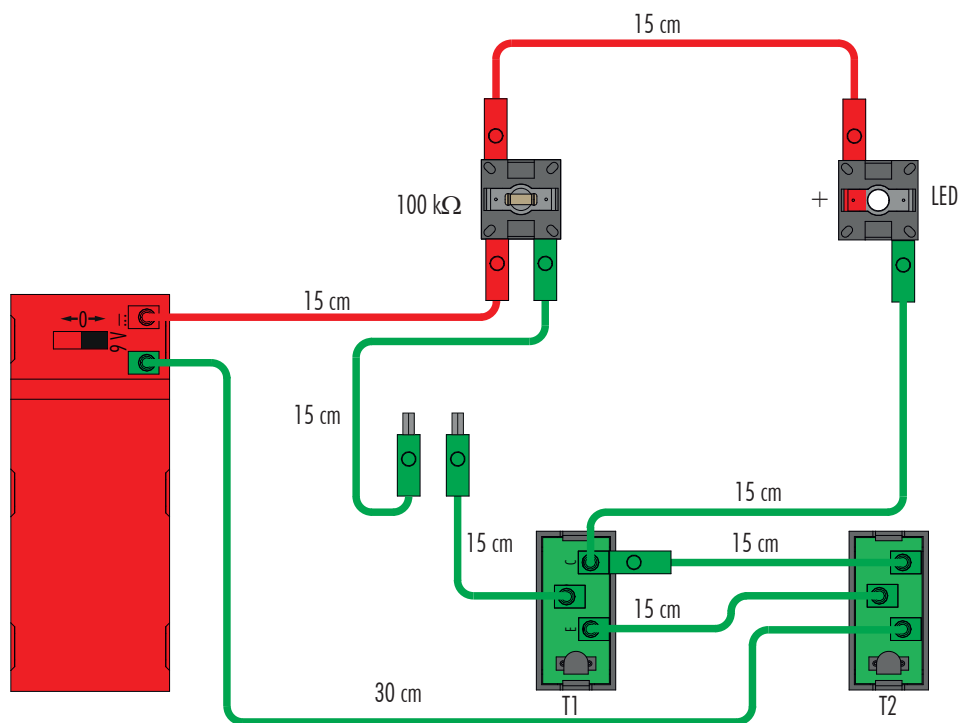


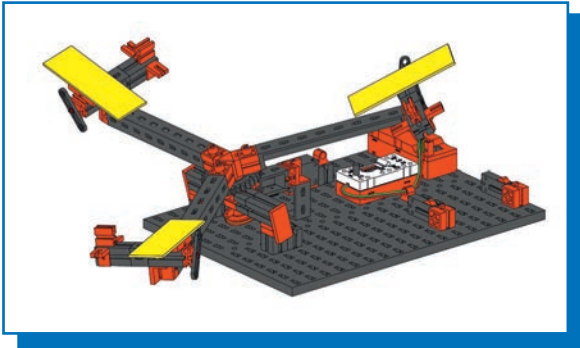


Schaltplan  
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Schakelschema  
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Plano elétrico de ligação

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Схема подключения  
电路图





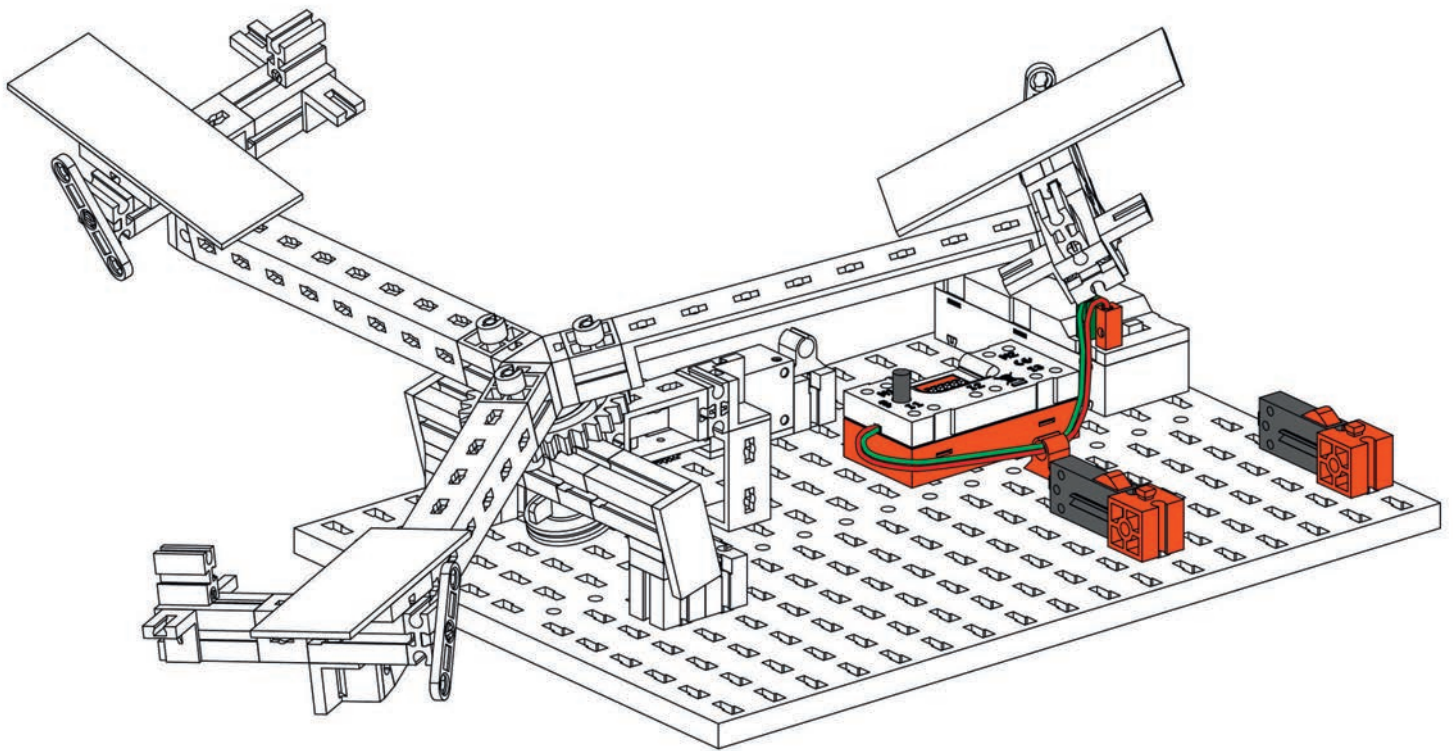
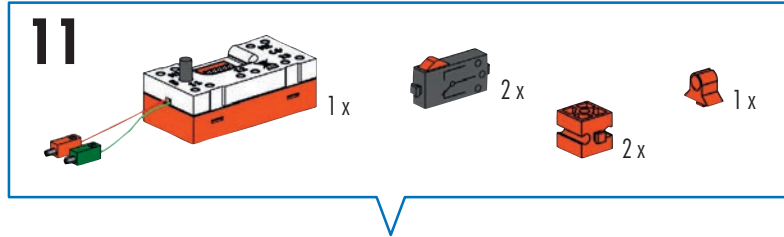
**Karussell**  
**Merry-go-round**  
**Manège**

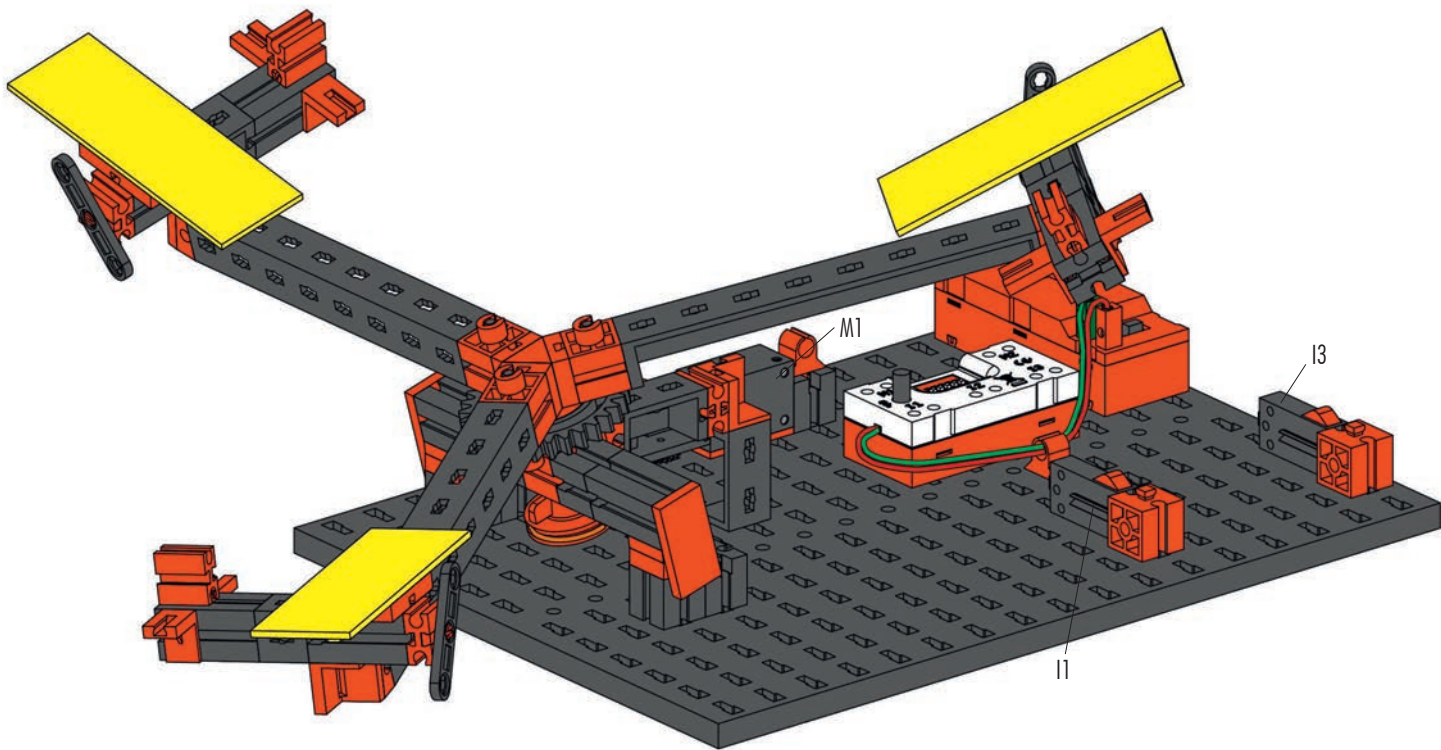
**Draaimolen**  
**Tiovivo**  
**Carrossel**

**Giostra**  
**Карусель**  
**旋转木马**

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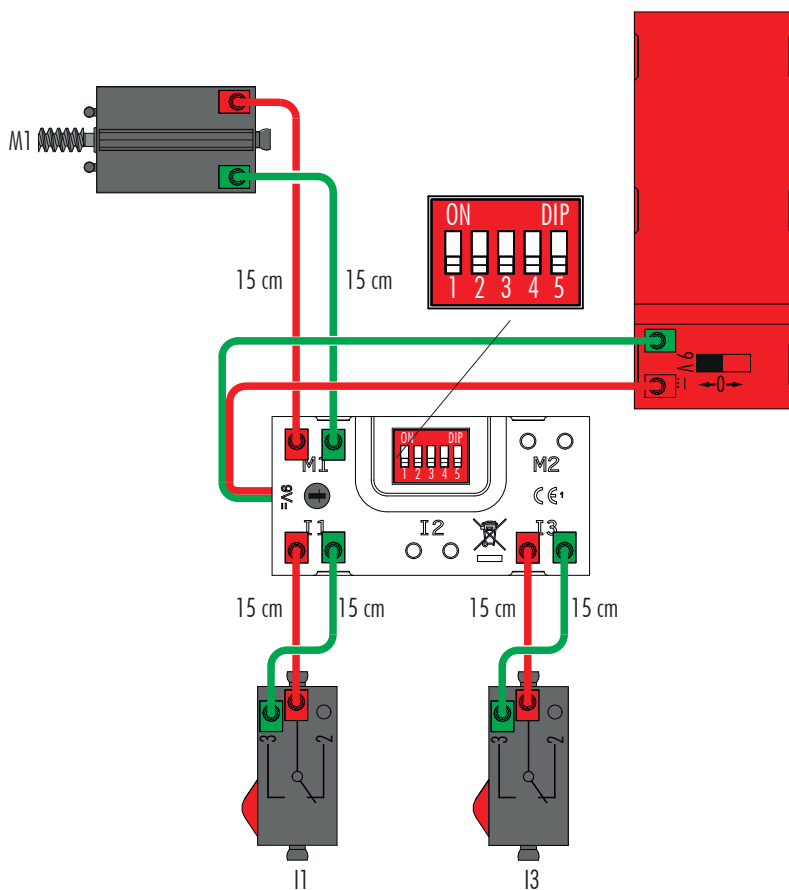


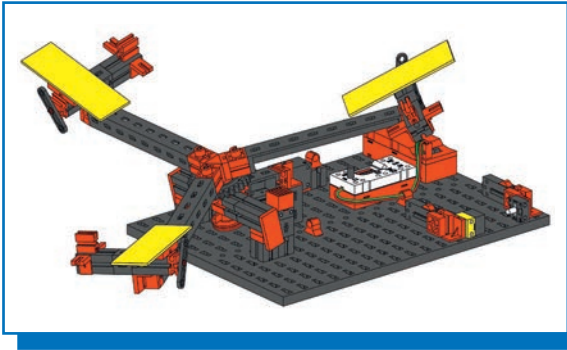


Schaltplan  
Circuit diagram  
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Plano elétrico de ligação

Schema elettrico  
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电路图





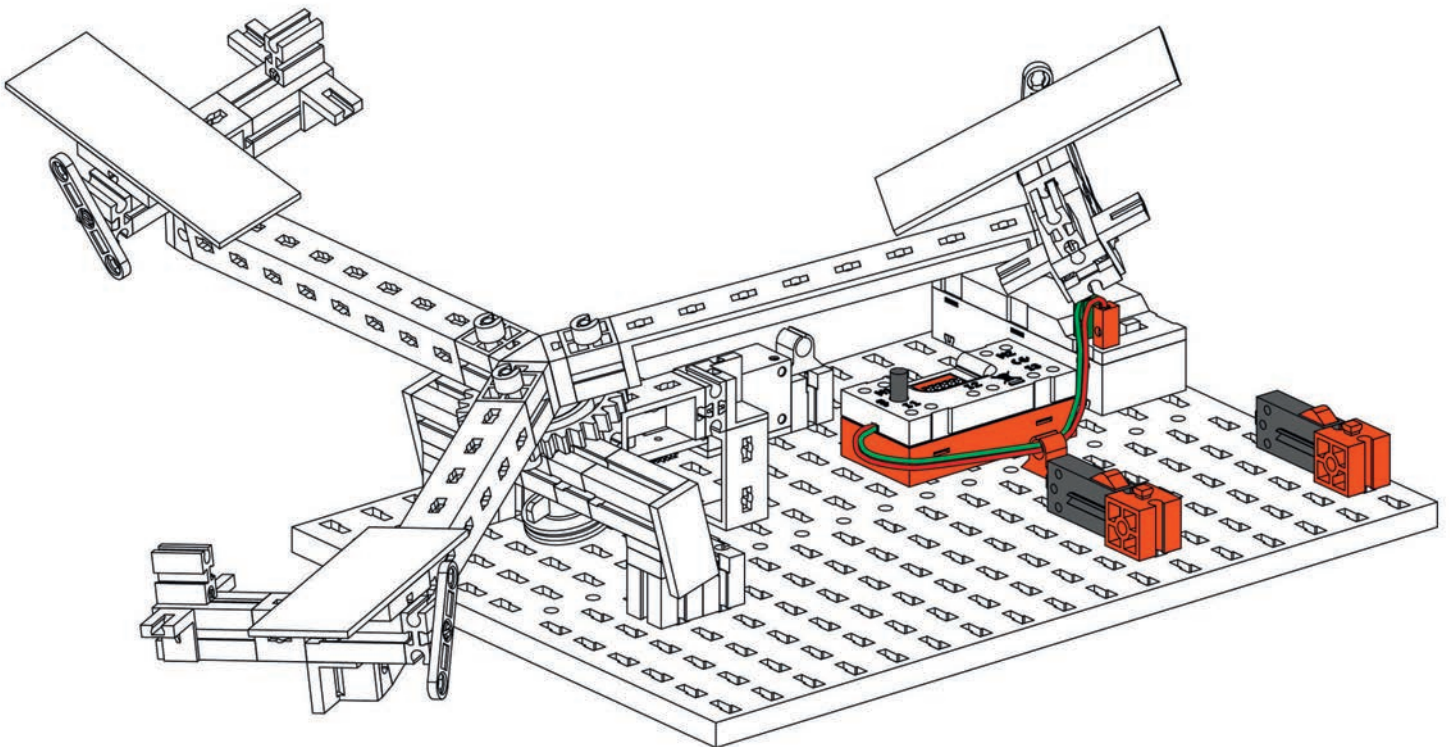
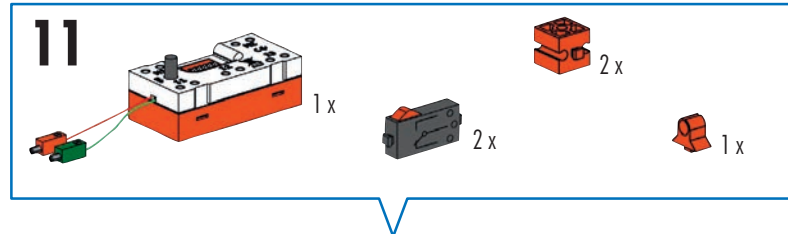
**Karussell mit Lichtschranke**  
**Merry-go-round with light barrier**  
**Manège avec barrière lumineuse**

**Draaimolen met fotocel**  
**Tiovivo con barrera fotoeléctrica**  
**Carrossel com célula fotoeléctrica**

**Giostra con barriera fotoelettrica**  
**Карусель с фоторелейным барьером**  
**配备光栅的旋转木马**

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2 x



2 x



1 x



1 x



1 x



3 x



1 x

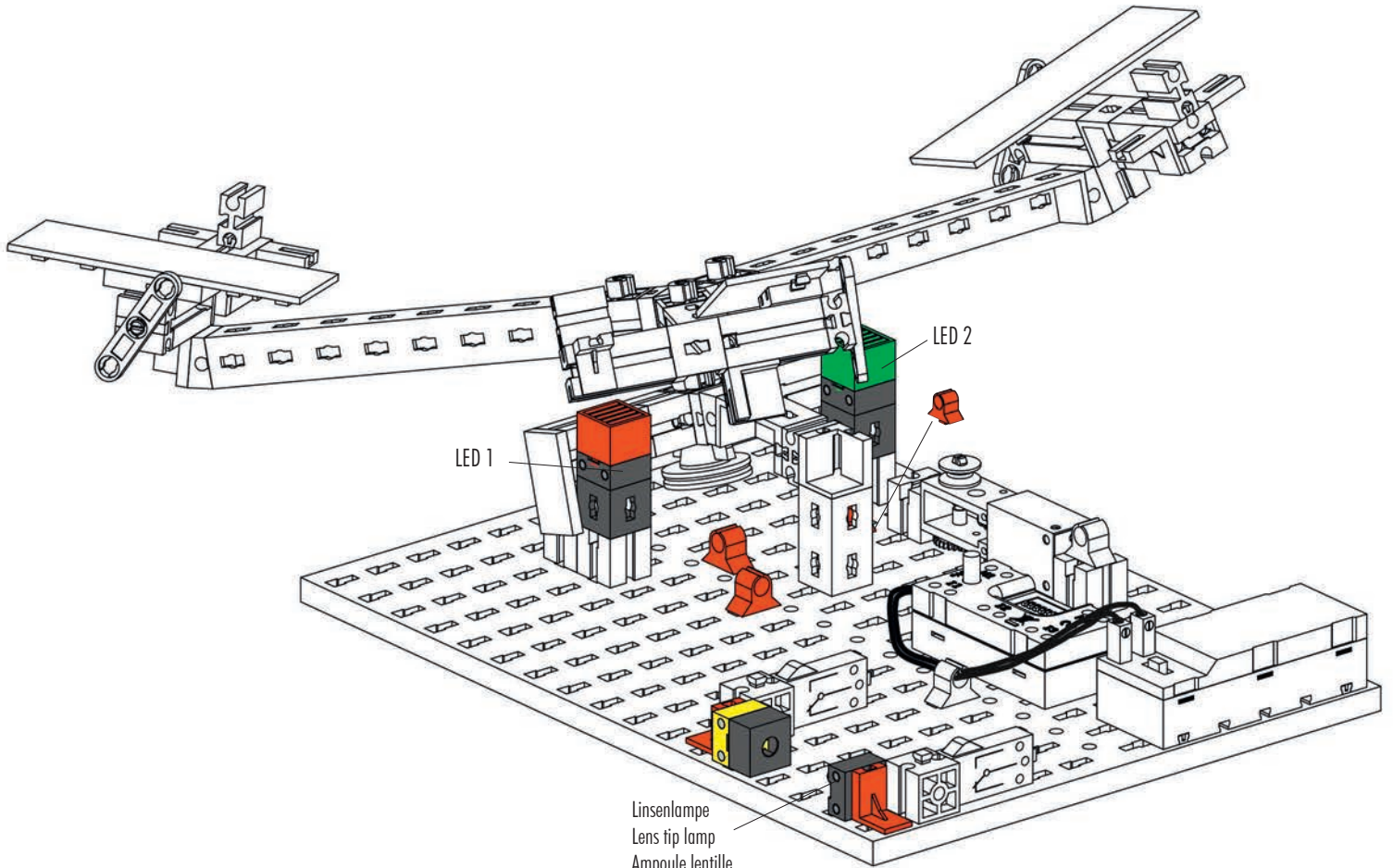


2 x

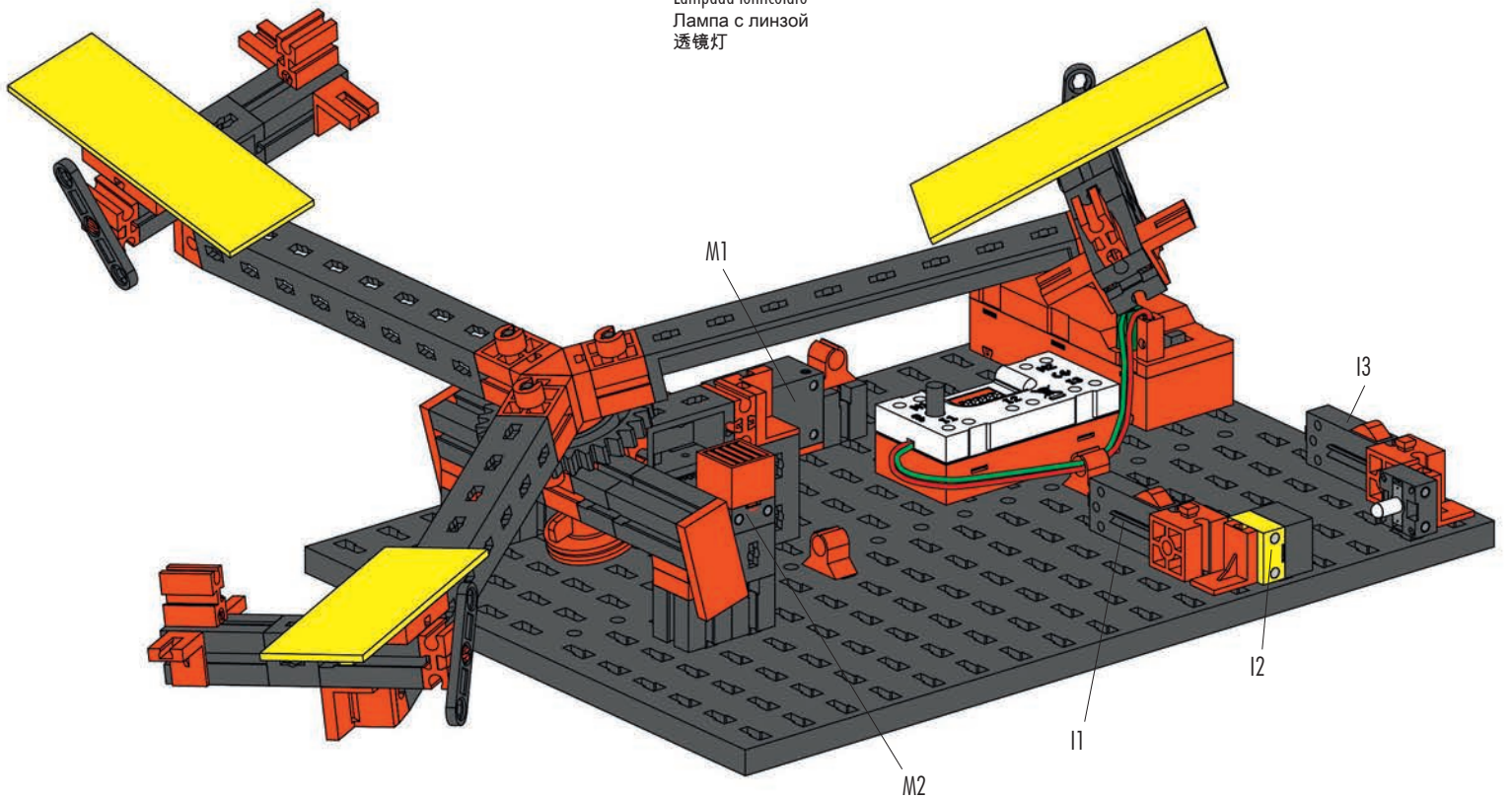


1 x

LED

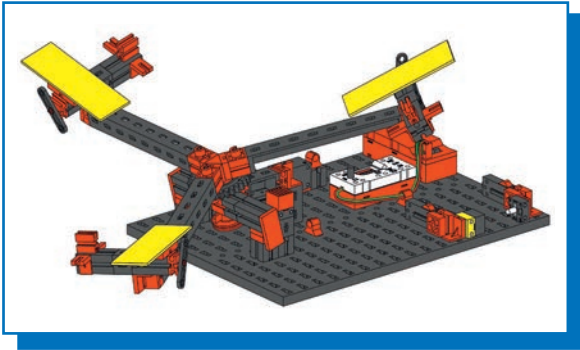


Linsenlampe  
 Lens tip lamp  
 Ampoule lentille  
 Lenslampje  
 Lampada lenticolare  
 Lâmpada de formato lenticular  
 Lampada lenticolare  
 Лампа с линзой  
 透镜灯









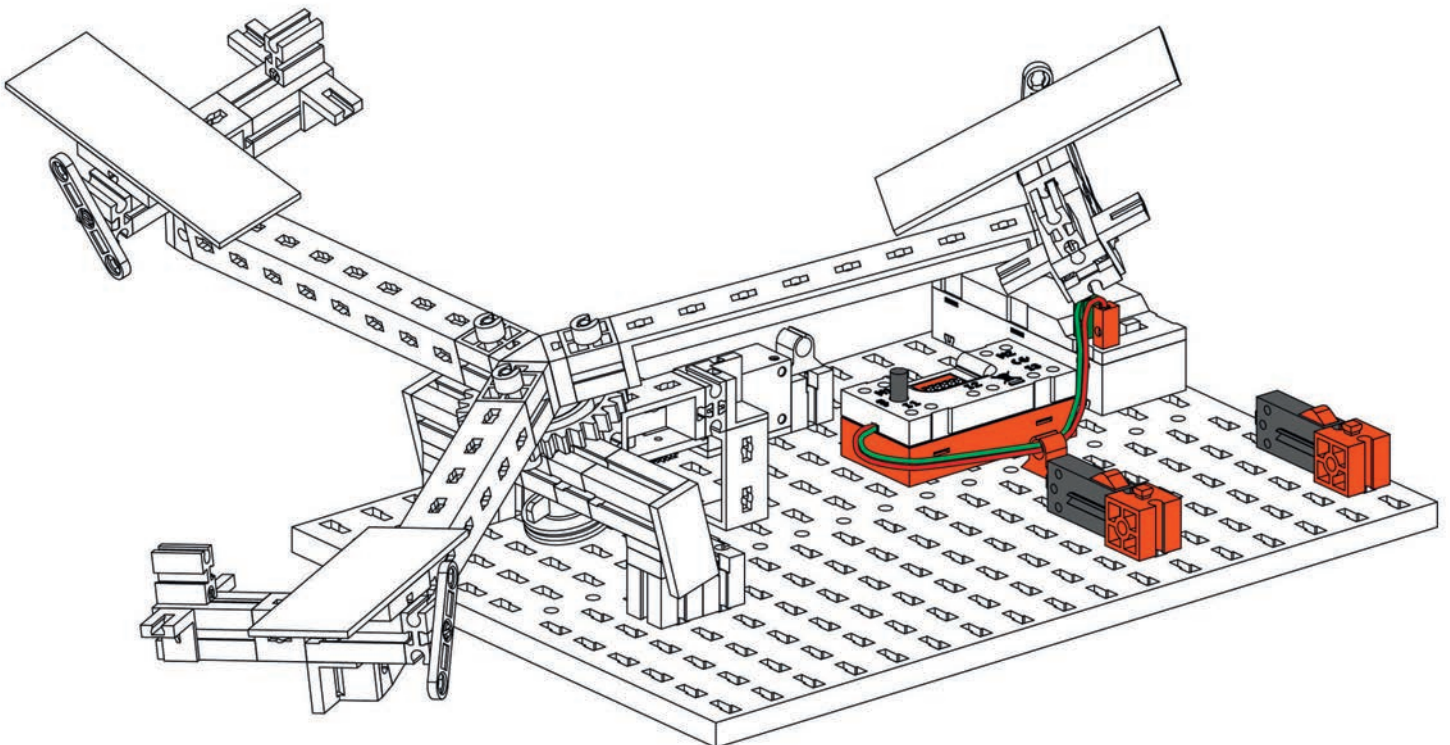
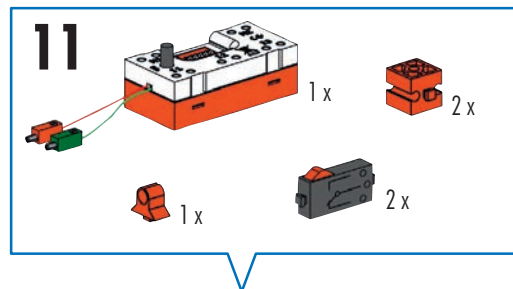
**Karussell mit  
Berührungsschalter**  
Merry-go-round with  
touch switch  
Manège avec  
commutateur tactile

**Draaimolen met  
contactschakelaar**  
Tiovivo con  
interruptor de contacto  
Carroussel com  
interruptor de toque

**Giostra con  
interruttore a sfioramento**  
Карусель с сенсорным  
выключателем  
配备触摸式开关的旋转  
木马

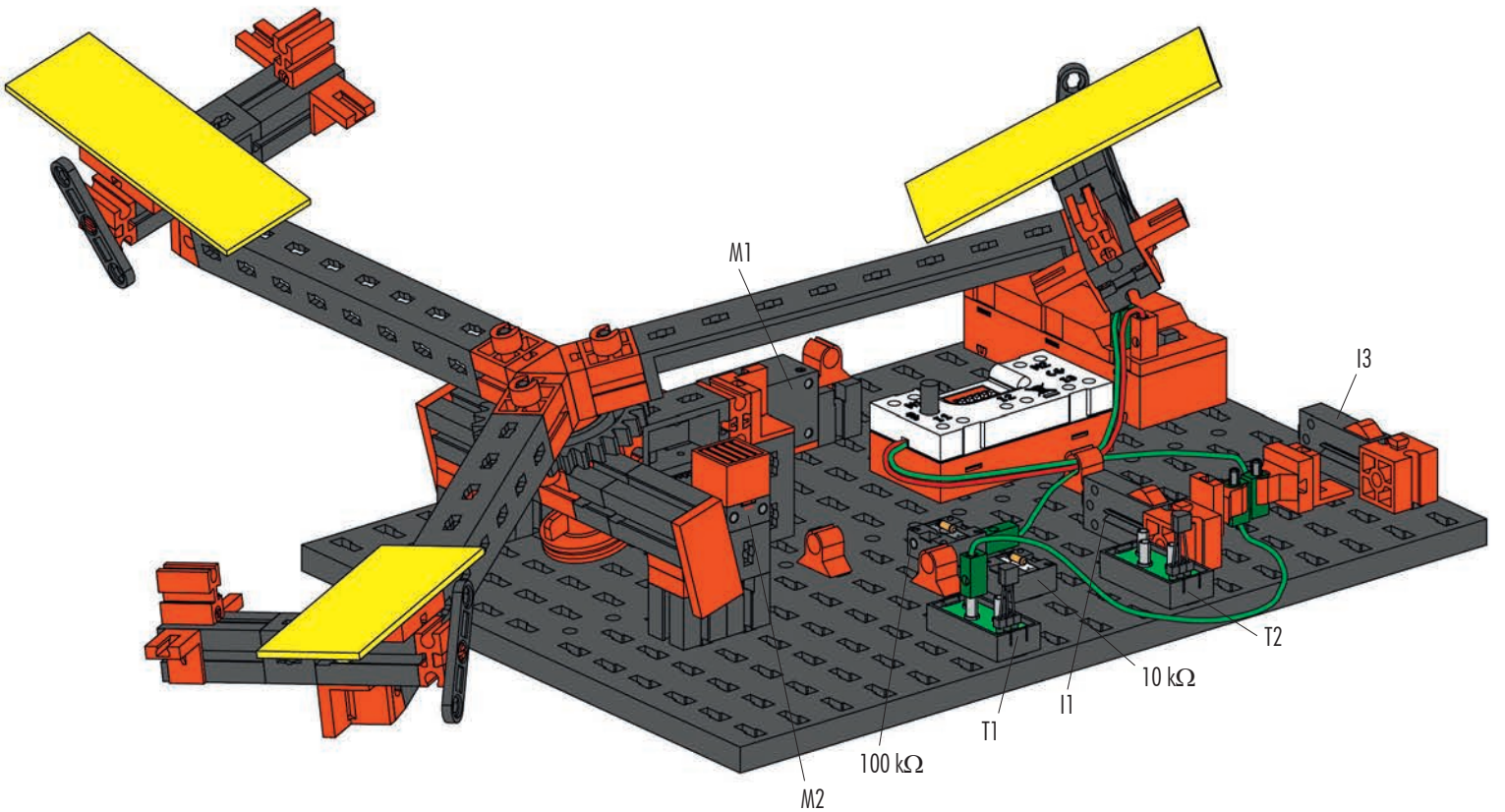
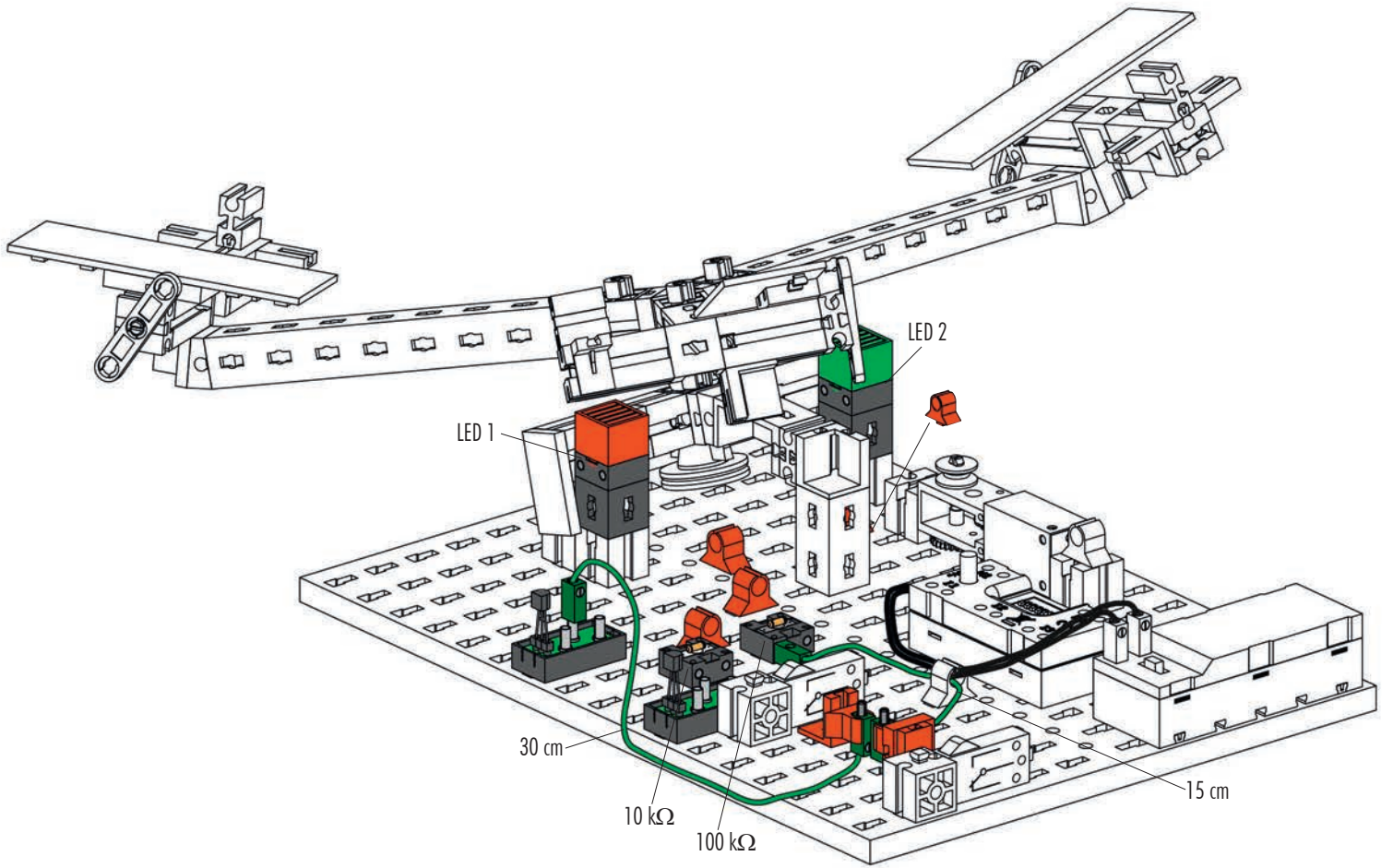
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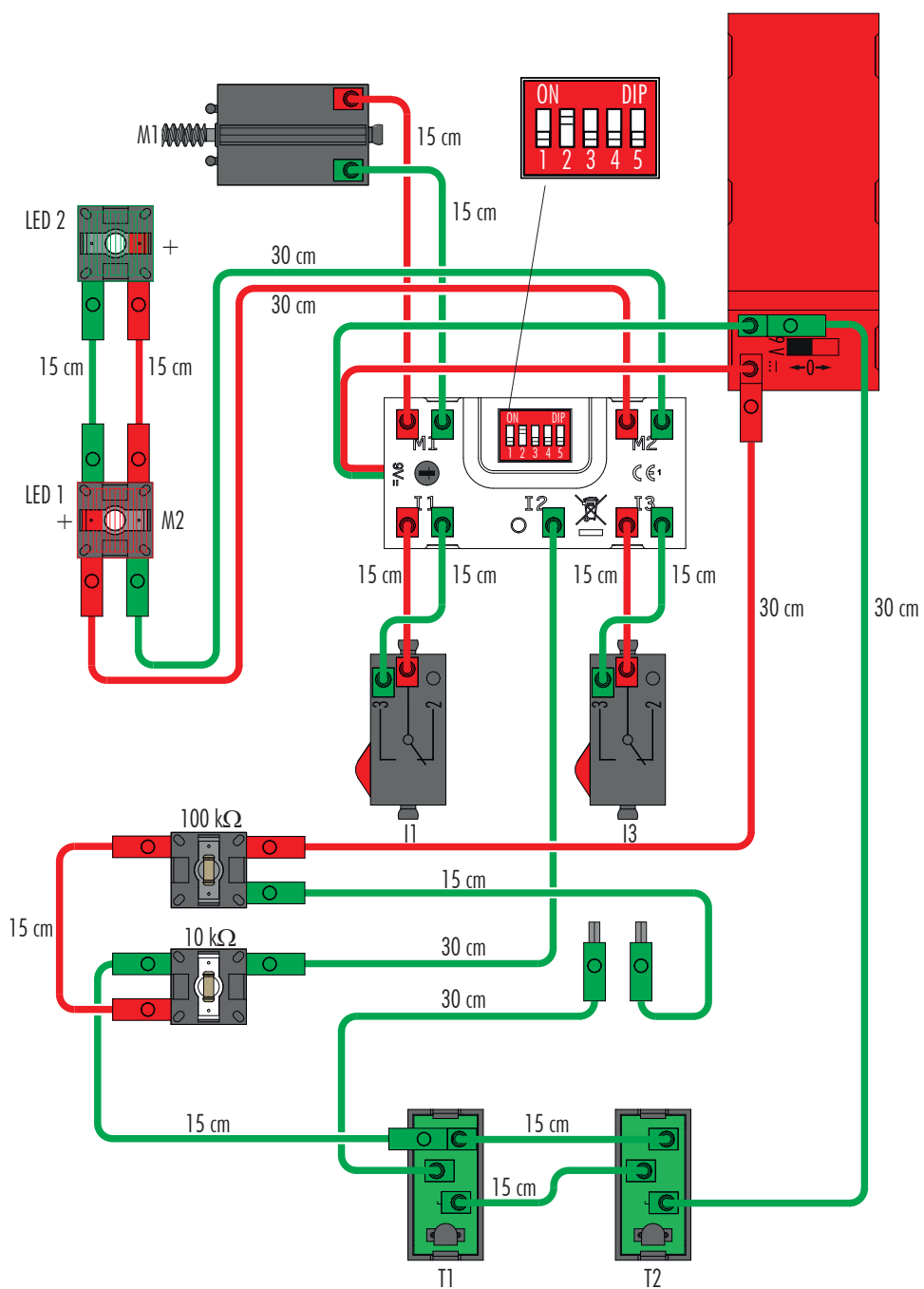
- 2x [Grey Technic Connector]
- 2x [Red Technic Pin]
- 1x [Red Technic Pin]
- 1x [Red Technic Pin]
- 1x [Green Technic Pin]
- 2x [Green LED]
- 1x [100 kΩ Resistor]
- 1x [10 kΩ Resistor]
- 6x [Red Technic Pin]
- 1x [15 cm Green Cable]
- 1x [30 cm Green Cable]
- 2x [LED]

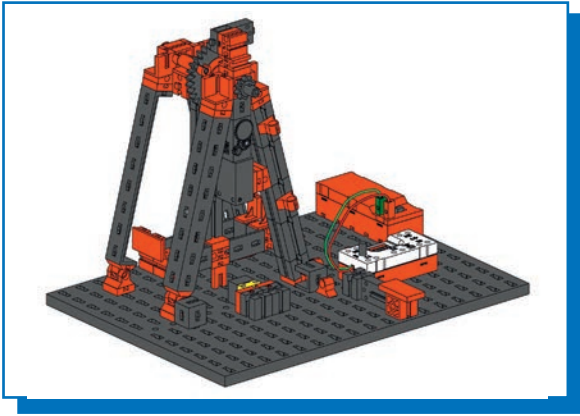


Schaltplan  
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电路图

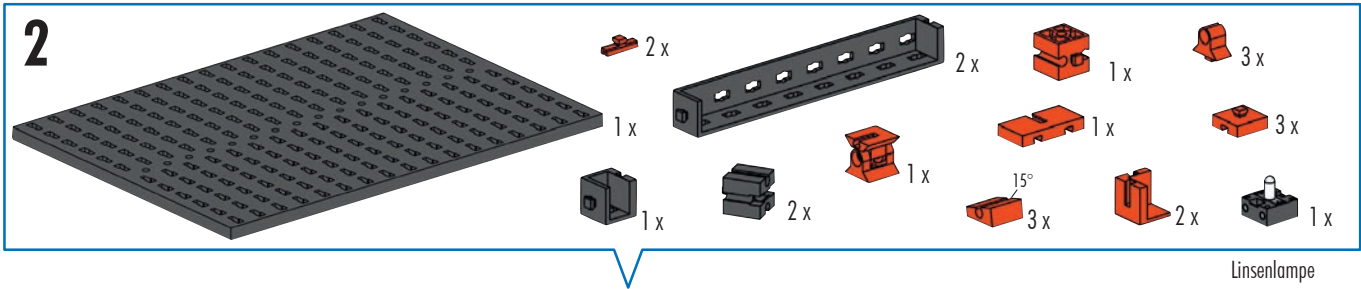
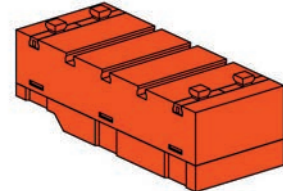
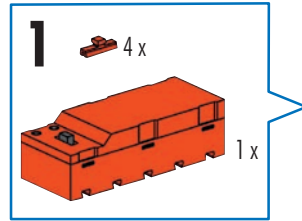




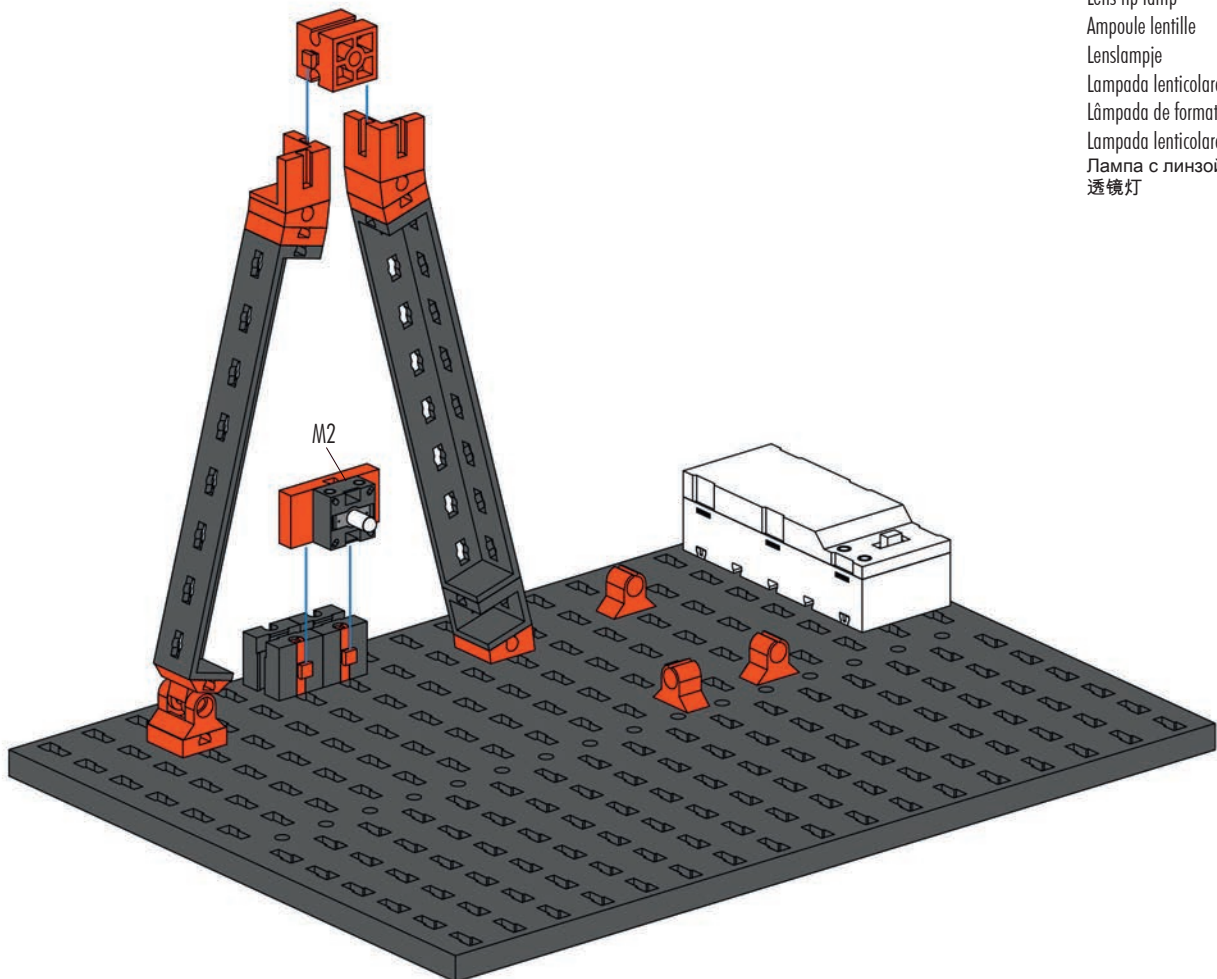
Schiffschaukel  
Ship see-saw  
Bateau-balçoire

Familierschommel  
Columpio de barco  
Balanço de barco

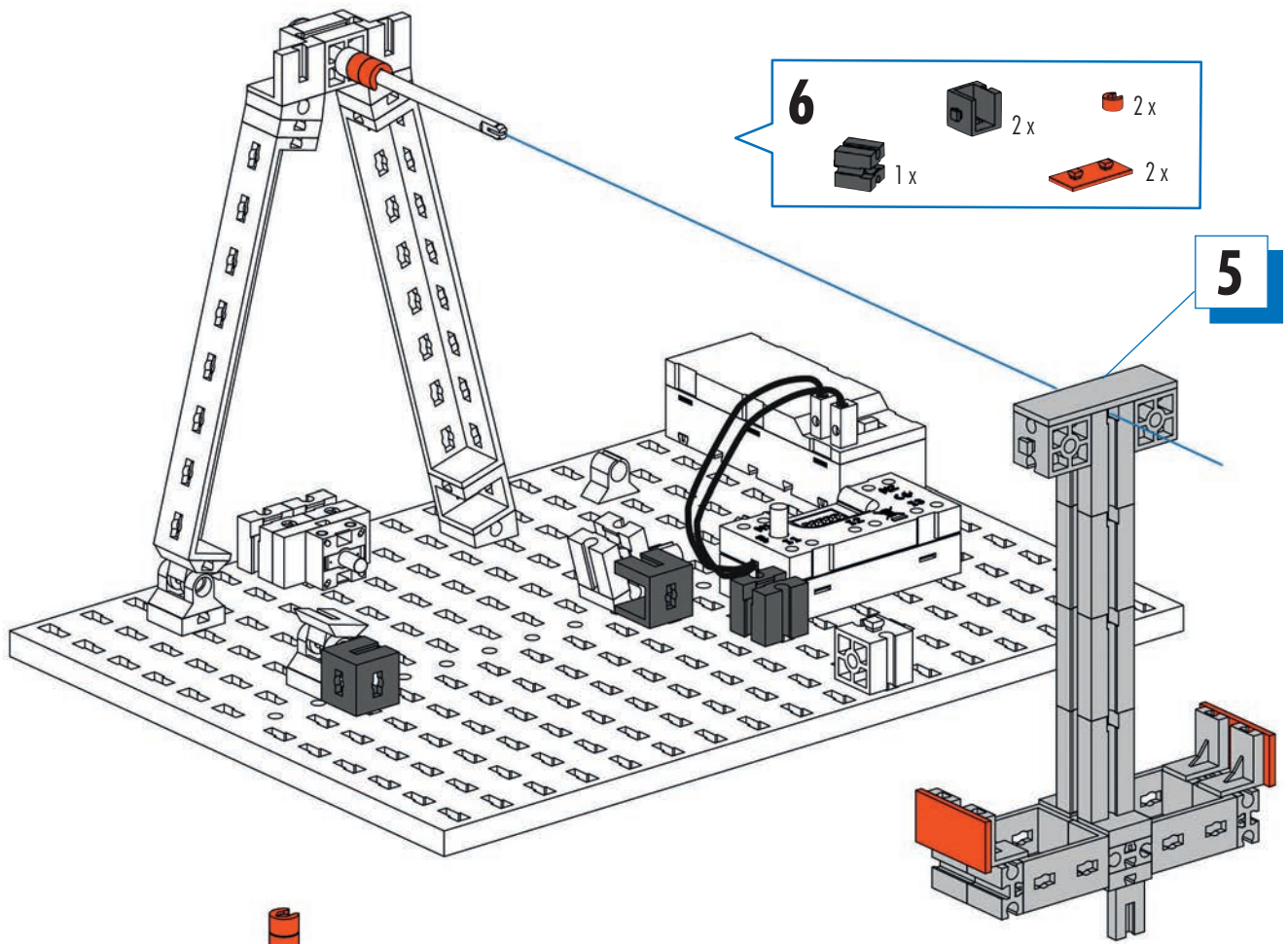
Altalena a gondola  
Качели  
船形秋千



Linsenlampe  
Lens tip lamp  
Ampoule lentille  
Lenslampje  
Lampada lenticolare  
Lâmpada de formato lenticular  
Lampada lenticolare  
Лампа с линзой  
透镜灯

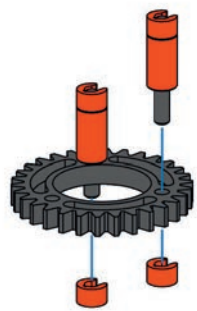




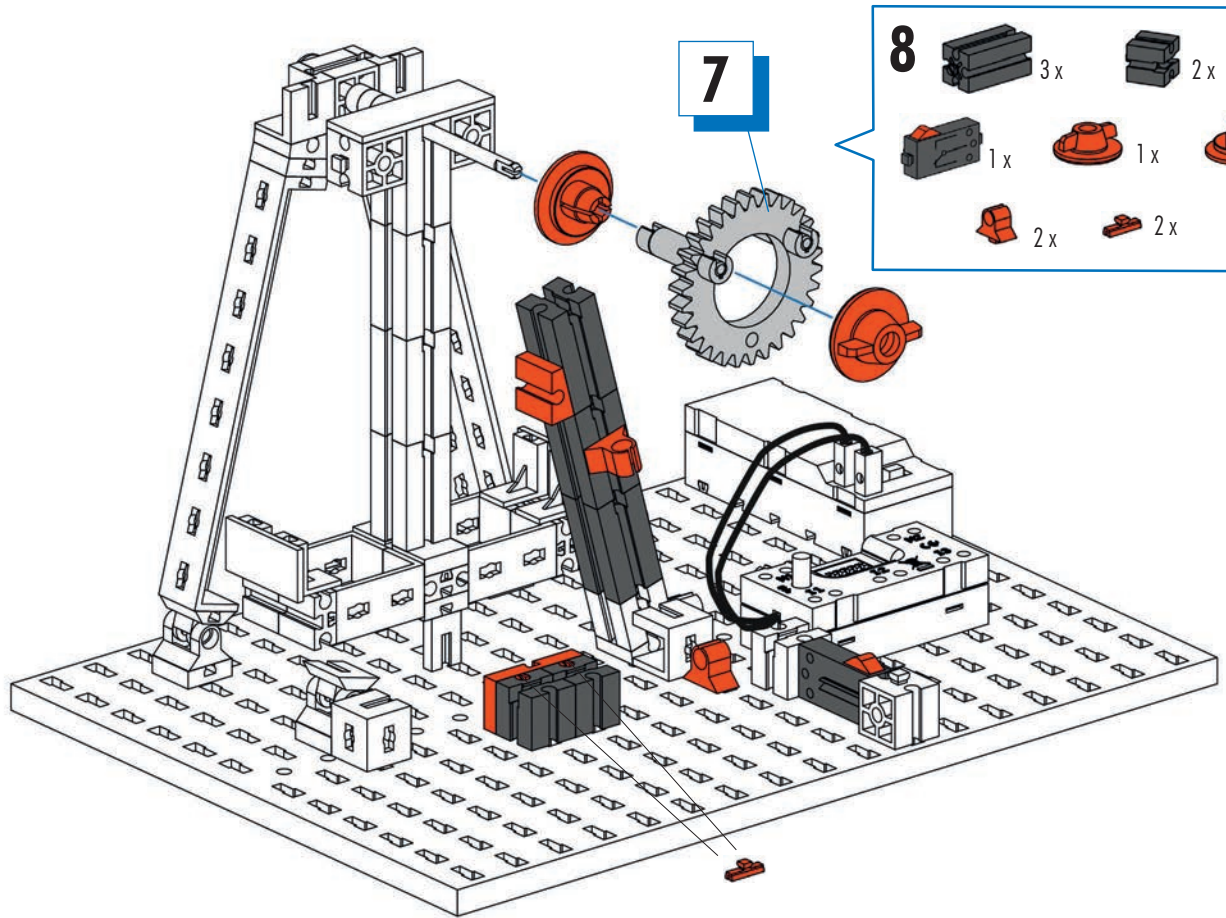


- 6**
- 1x
  - 2x
  - 2x
  - 2x

**5**

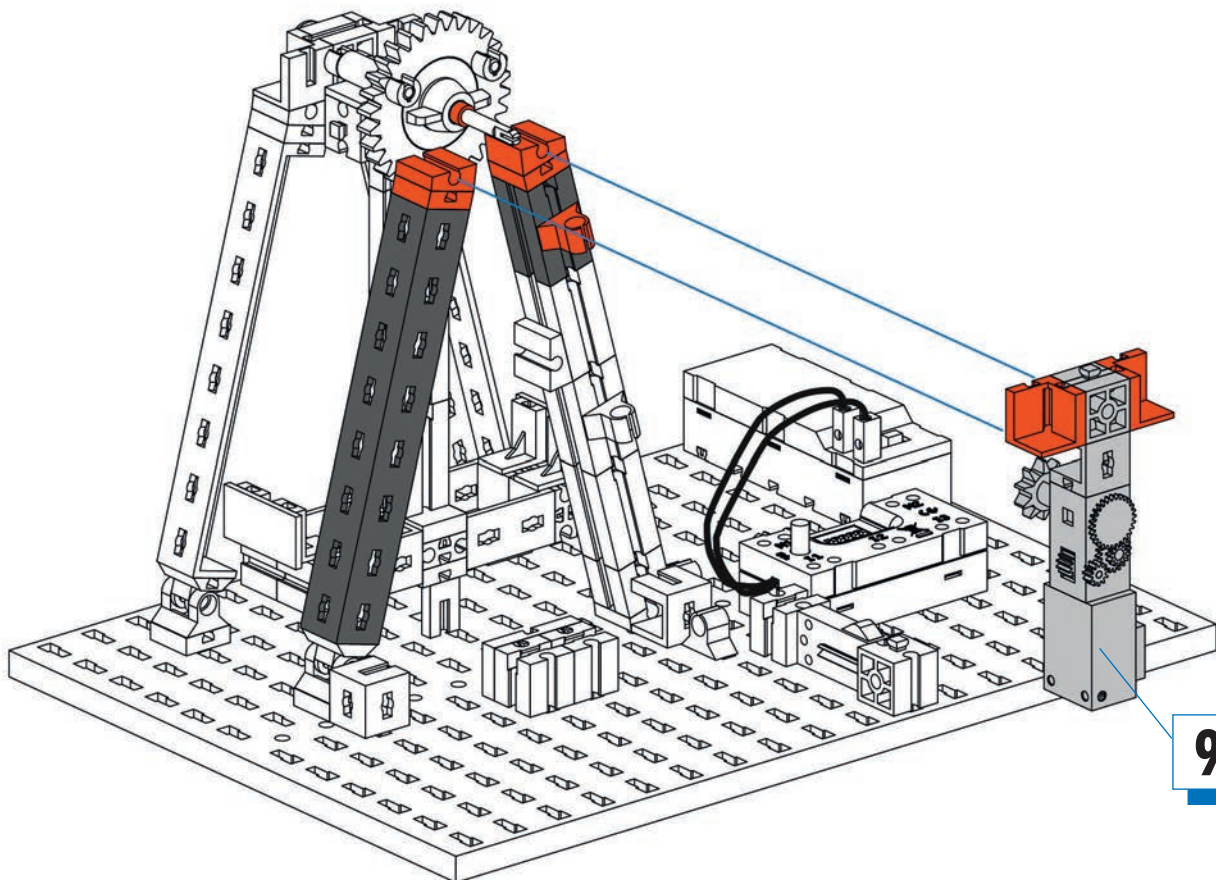
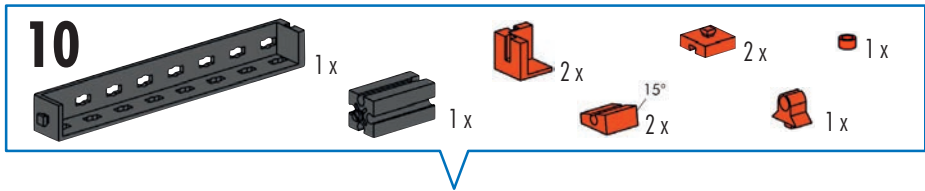
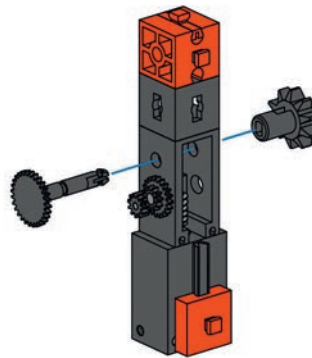
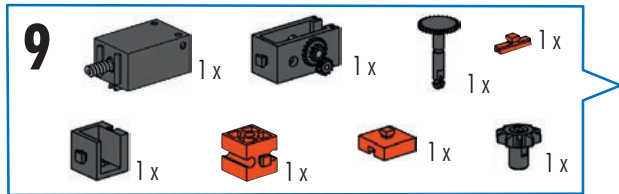


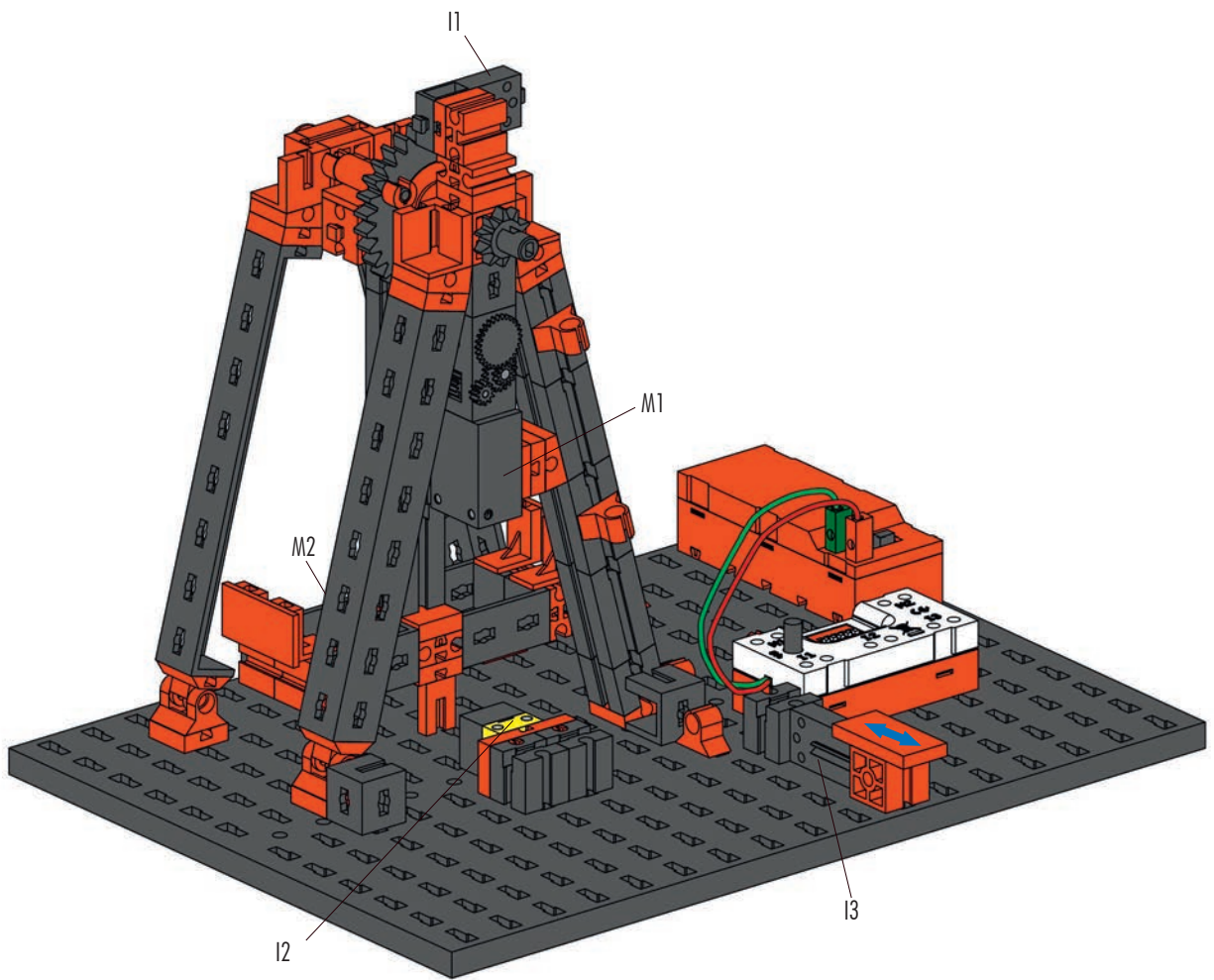
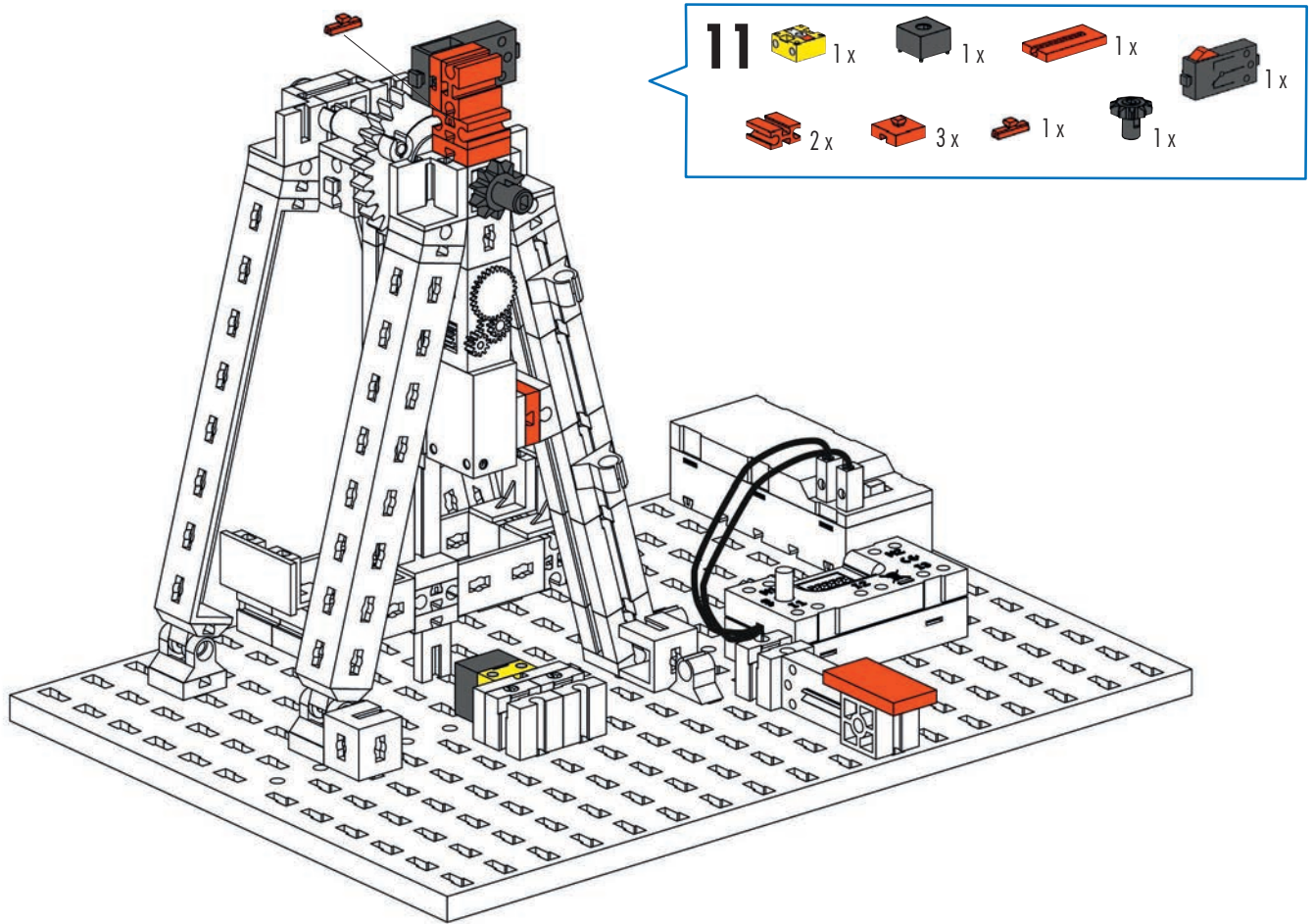
- 7**
- 1x
  - 2x
  - 4x
  - 2x
- 30 mm



- 8**
- 3x
  - 2x
  - 1x<sup>15°</sup>
  - 1x
  - 1x
  - 1x
  - 2x
  - 2x
  - 1x

**7**



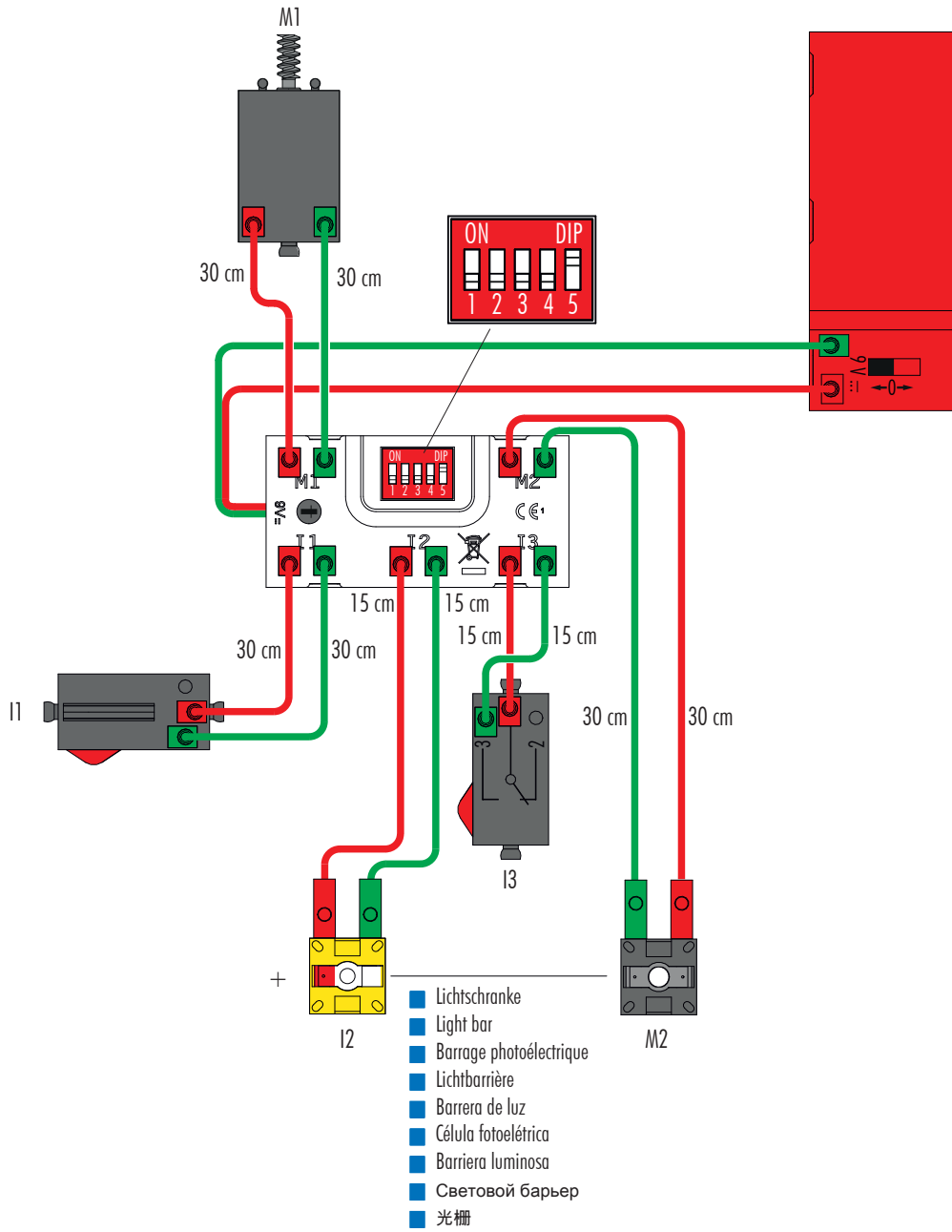




Schaltplan  
 Circuit diagram  
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Schakelschema  
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 Plano elétrico de ligação

Schema elettrico  
 Схема подключения  
 电路图





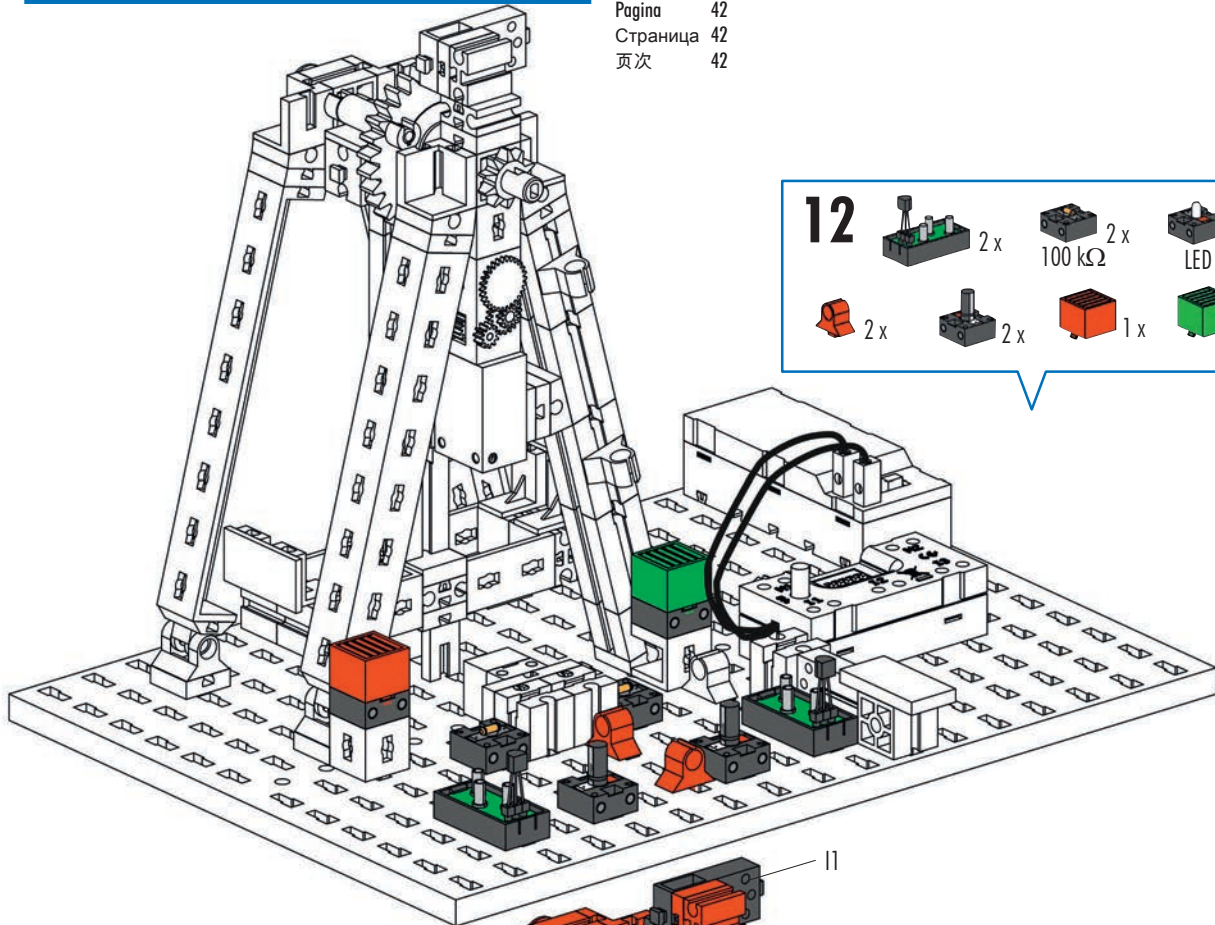
Schiffschaukel mit Wechselblinker  
 Ship see-saw with alternating flasher  
 Bateau-balancoire avec clignotant alternatif

Familieschommel met knipperlichtwisselaar  
 Columpio de barco con intermitente alternado  
 Balanço de barco com pisca-pisca comutável








Altalena a gondola con lampeggiatore alternato  
 Качели с переменной мигалкой  
 配备单个闪烁灯的船形秋千

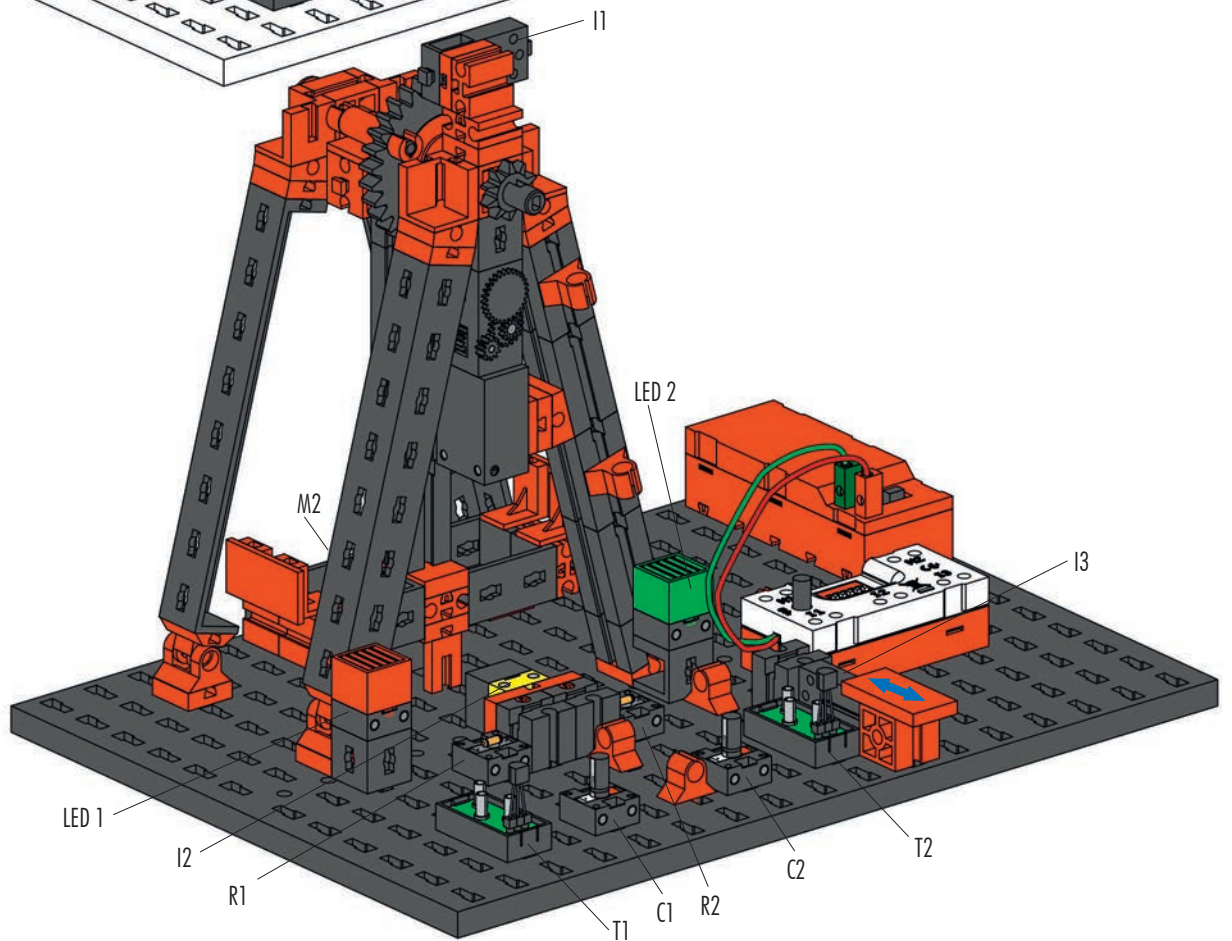
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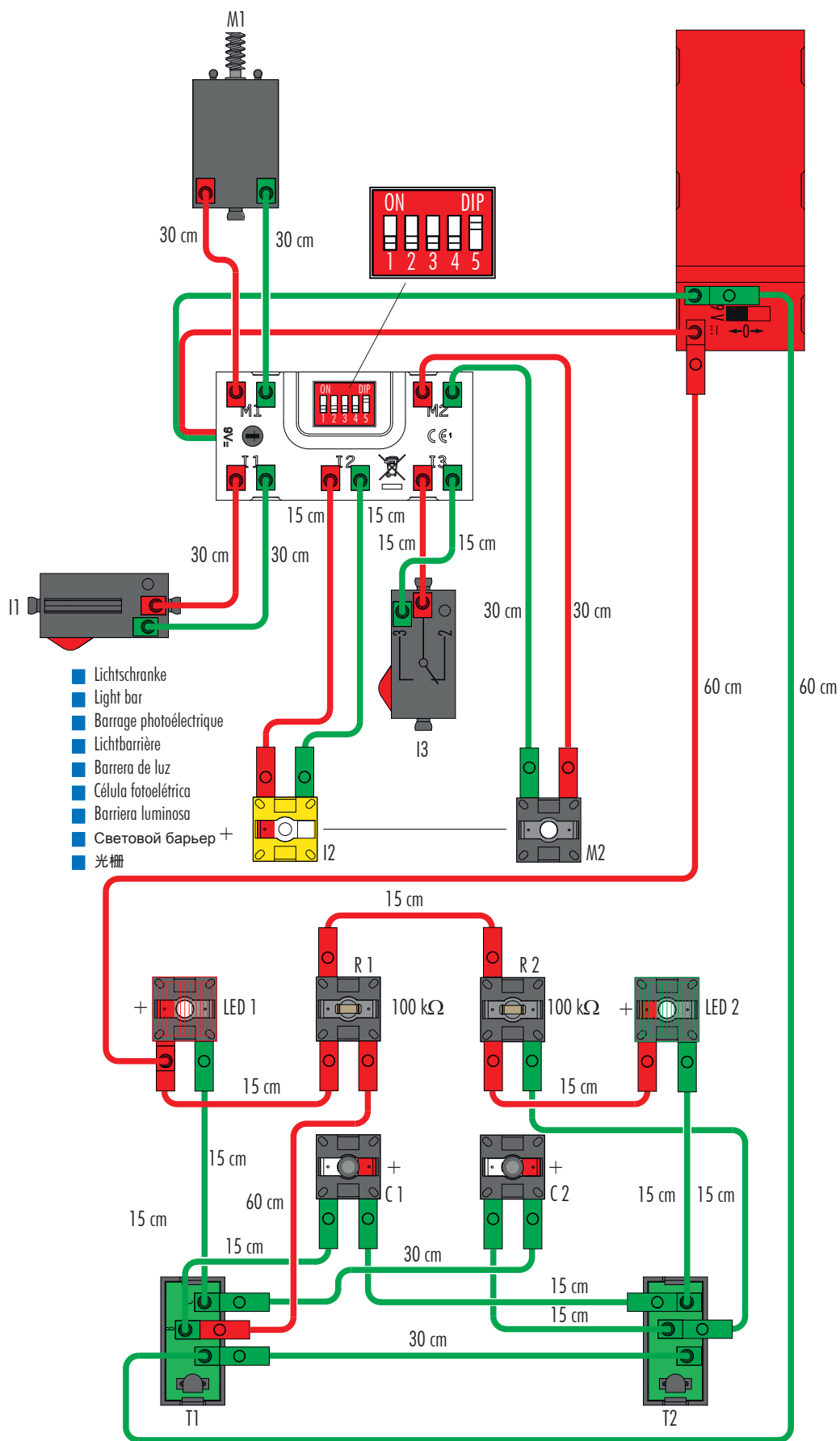
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 2 x	 2 x	 1 x
		 1 x

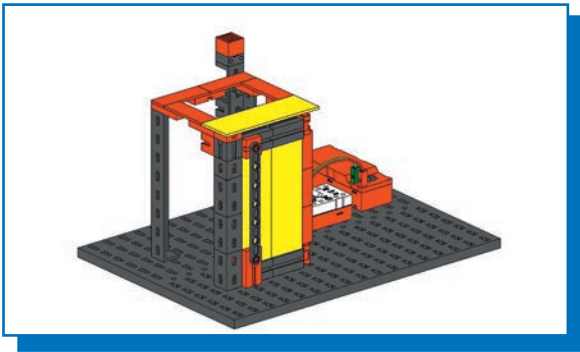


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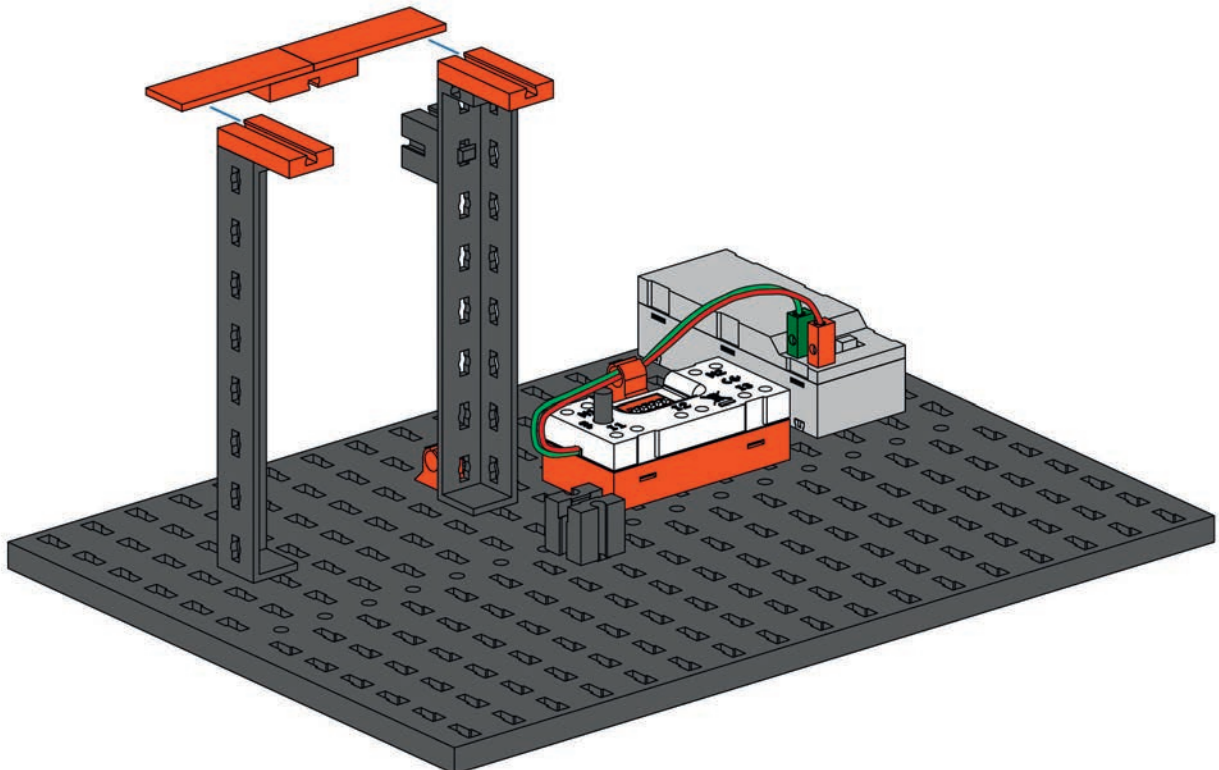
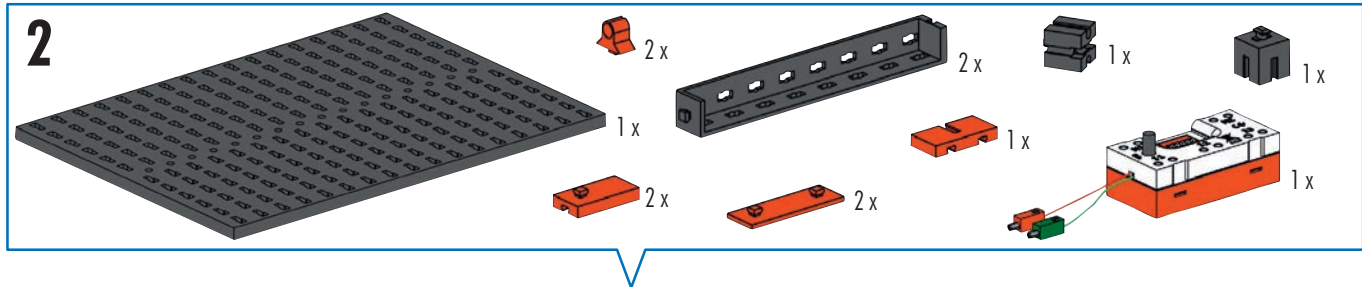
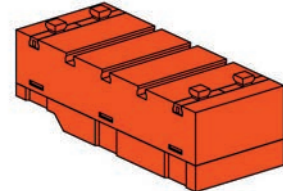
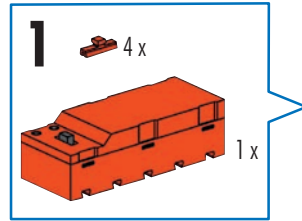


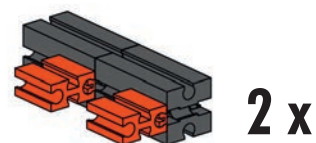
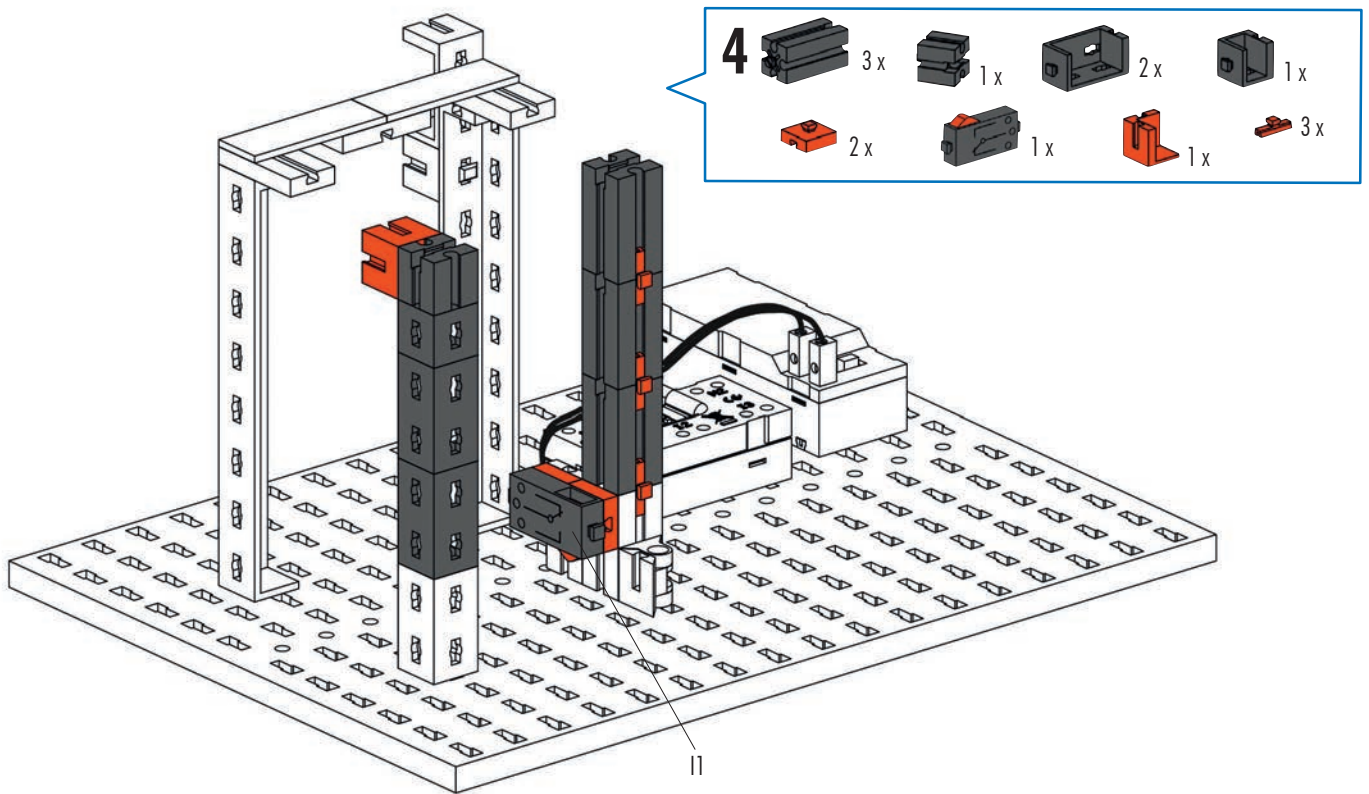
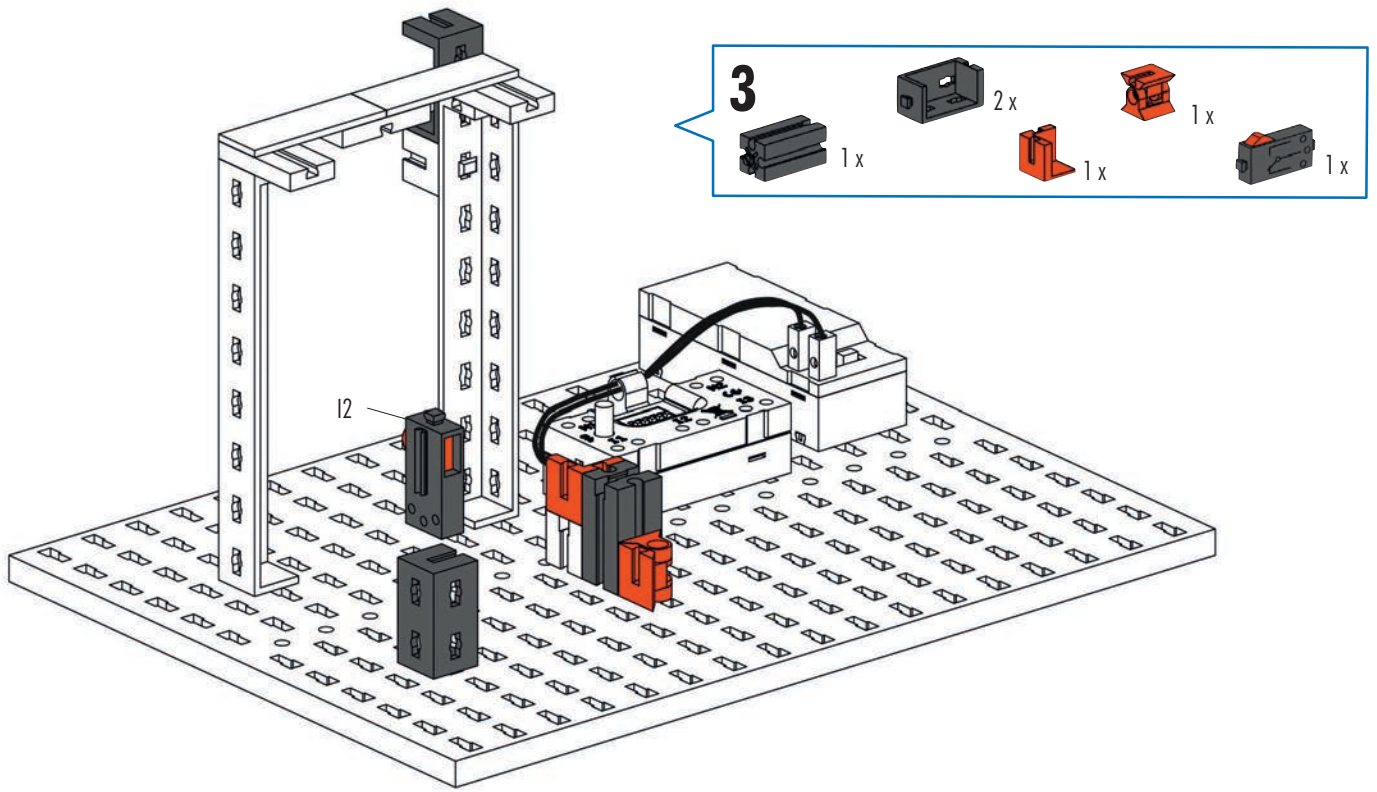


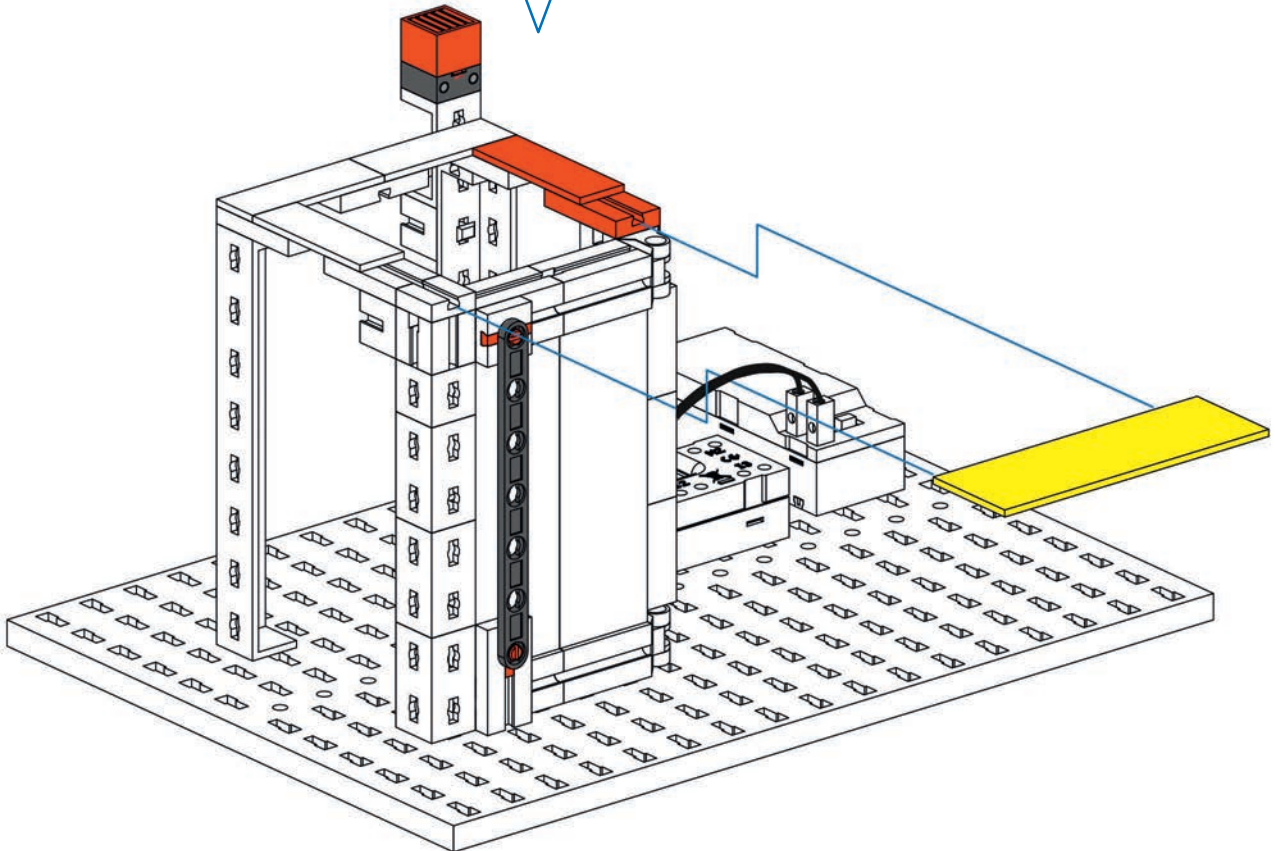
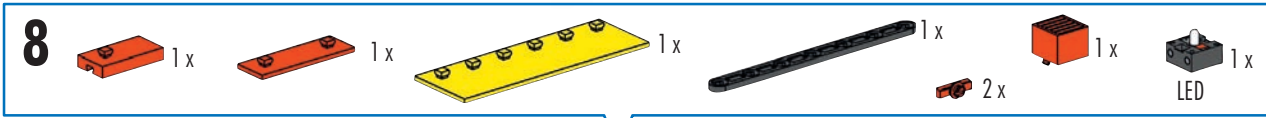
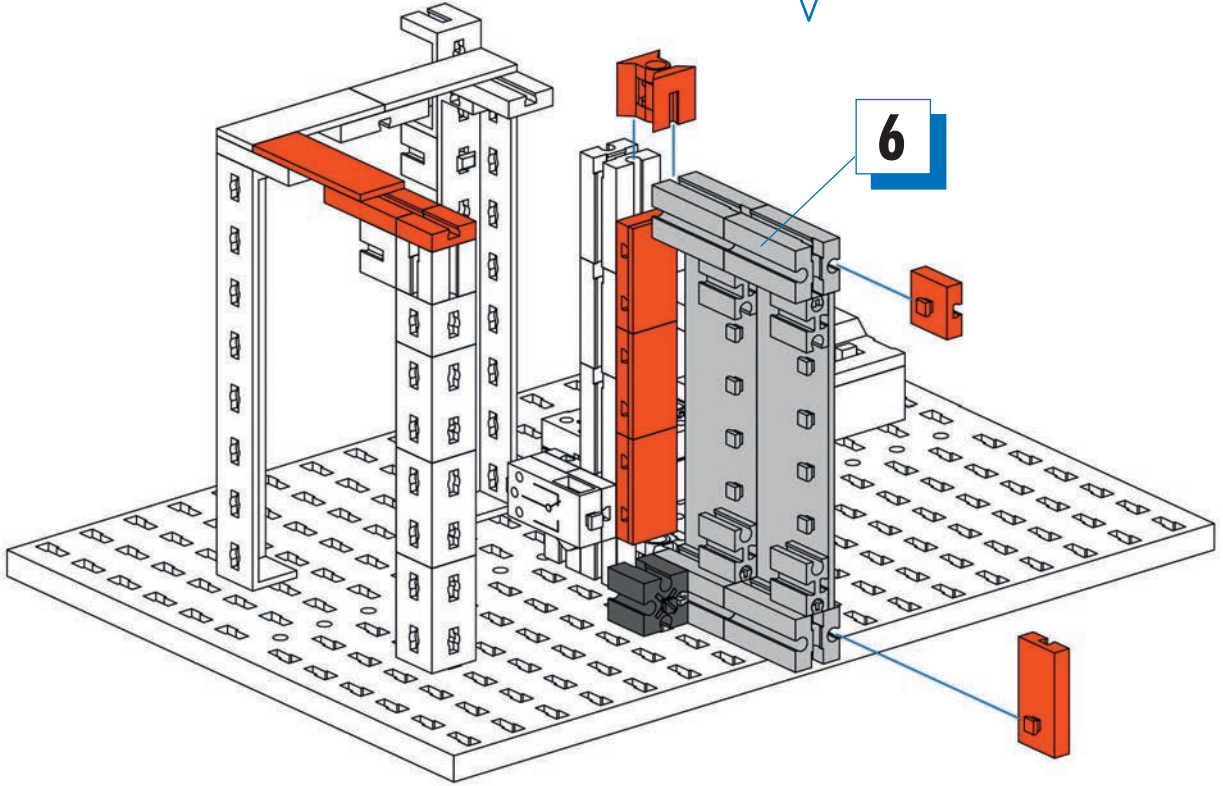
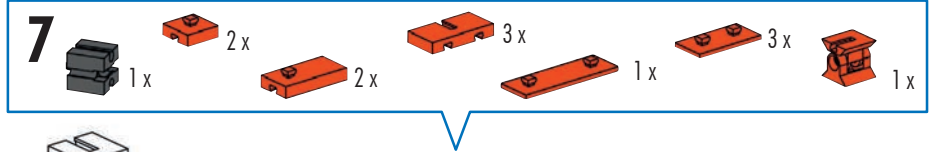
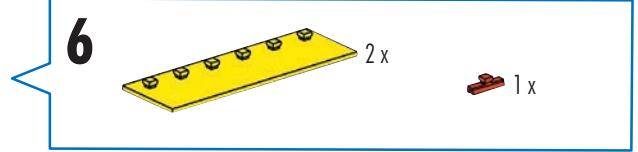
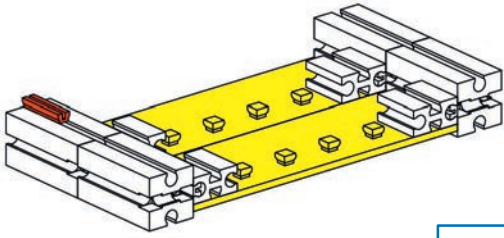
Alarmanlage  
Alarm system  
Système d'alarme

Alarminstallatie  
Instalación de alarma  
Equipamento de alarme

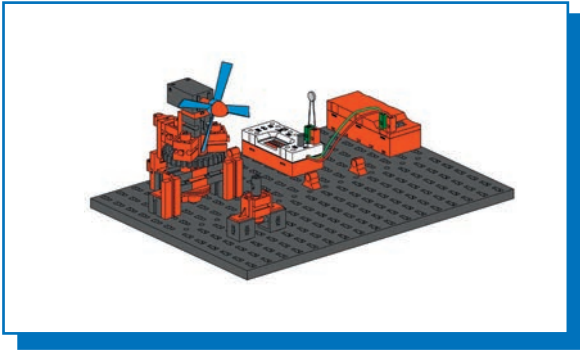
Impianto di allarme  
Сигнализация  
报警装置







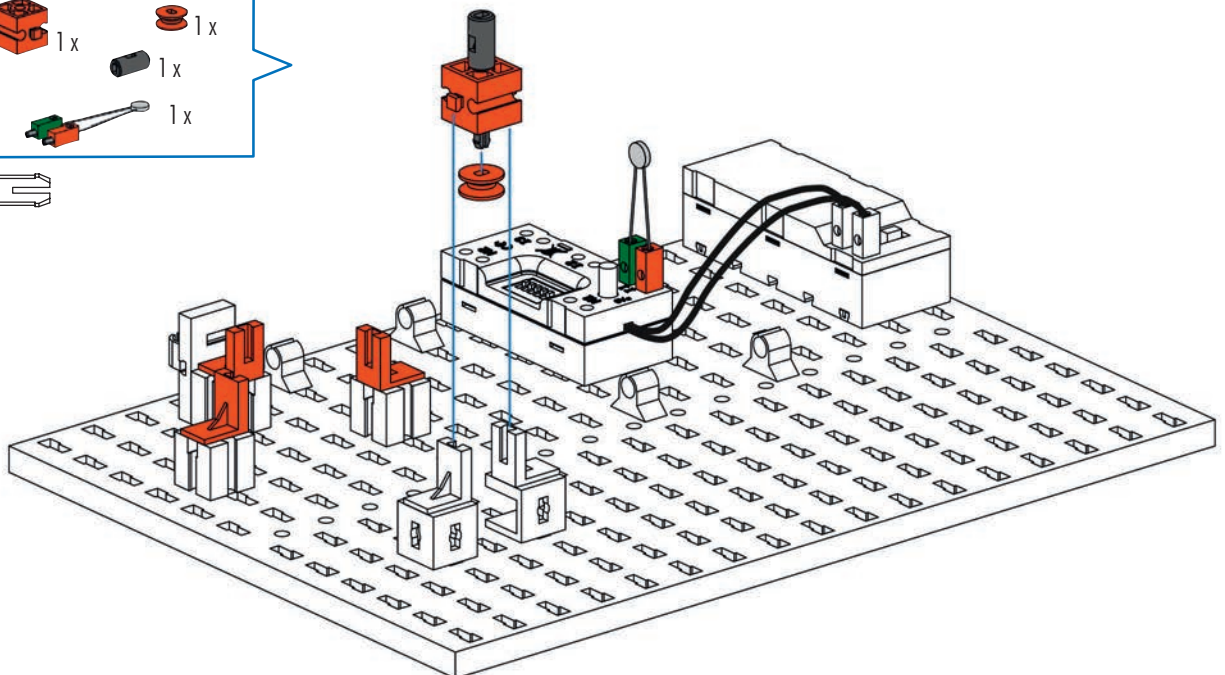
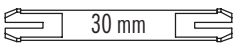
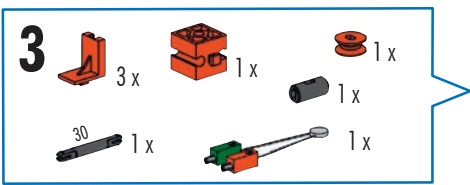
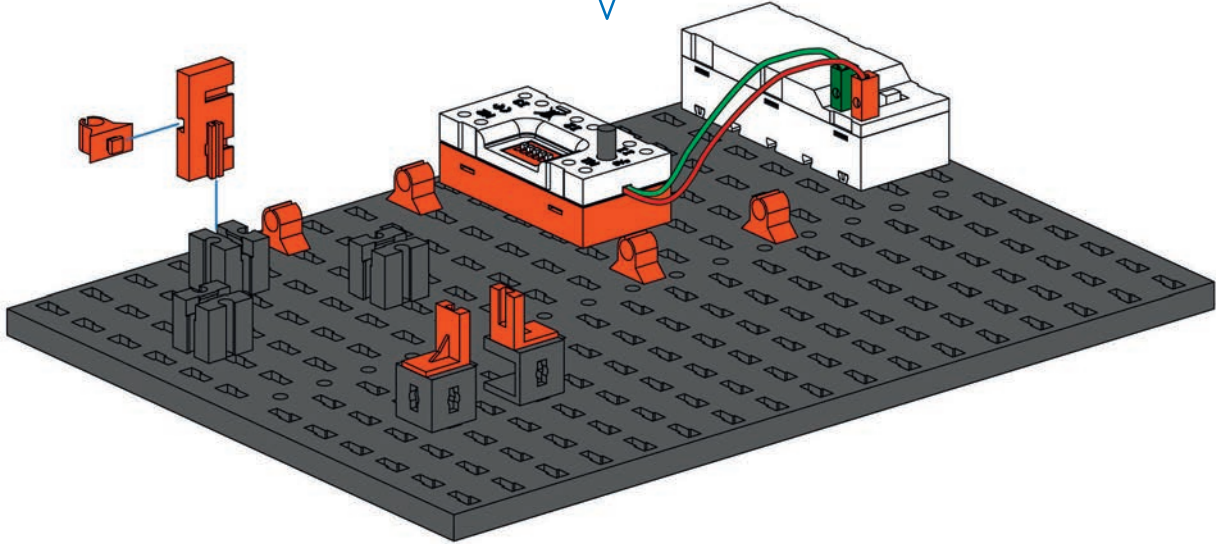
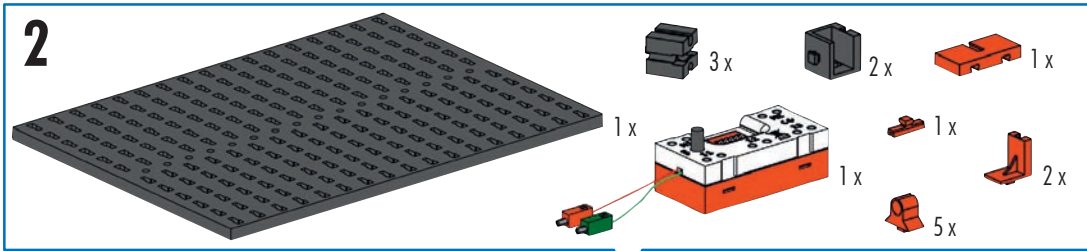
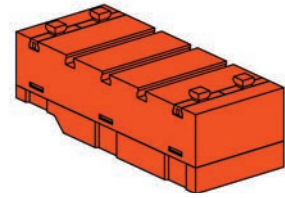
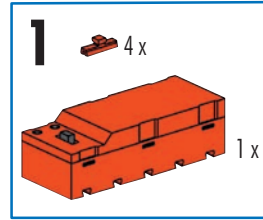




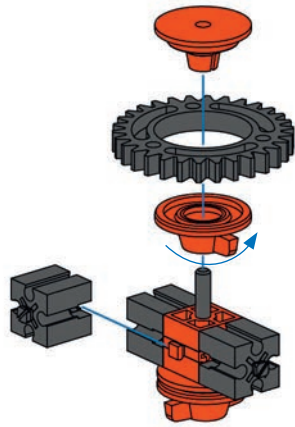
Ventilator  
Ventilating fan  
Ventilateur

Ventilator  
Ventilador  
Ventilador

Ventilatore  
Вентилятор  
风扇







**4**

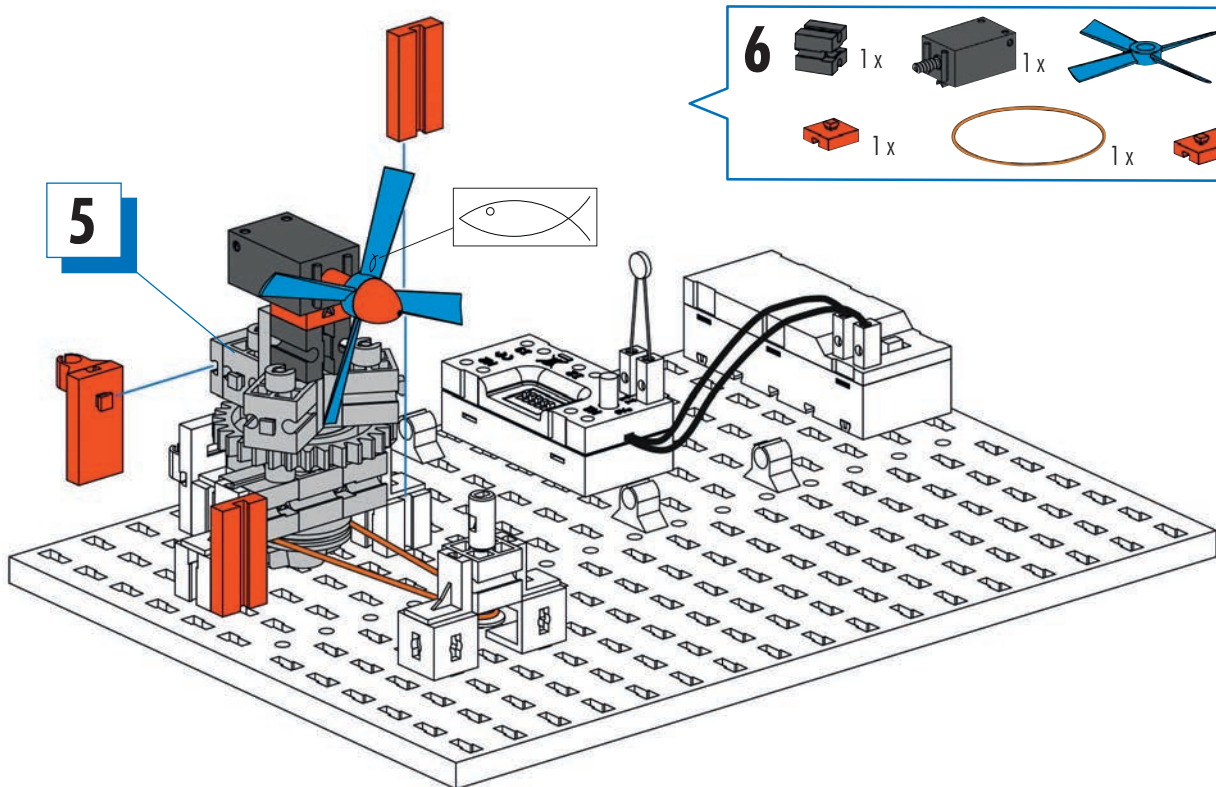
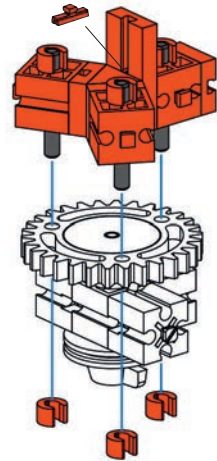
- 1x Grey Gear
- 2x Red Bush
- 2x Red Cap
- 3x Grey Axle Connector
- 1x Red Axle Connector
- 1x Red Pin
- 1x Grey Axle (40)

40 mm

**5**

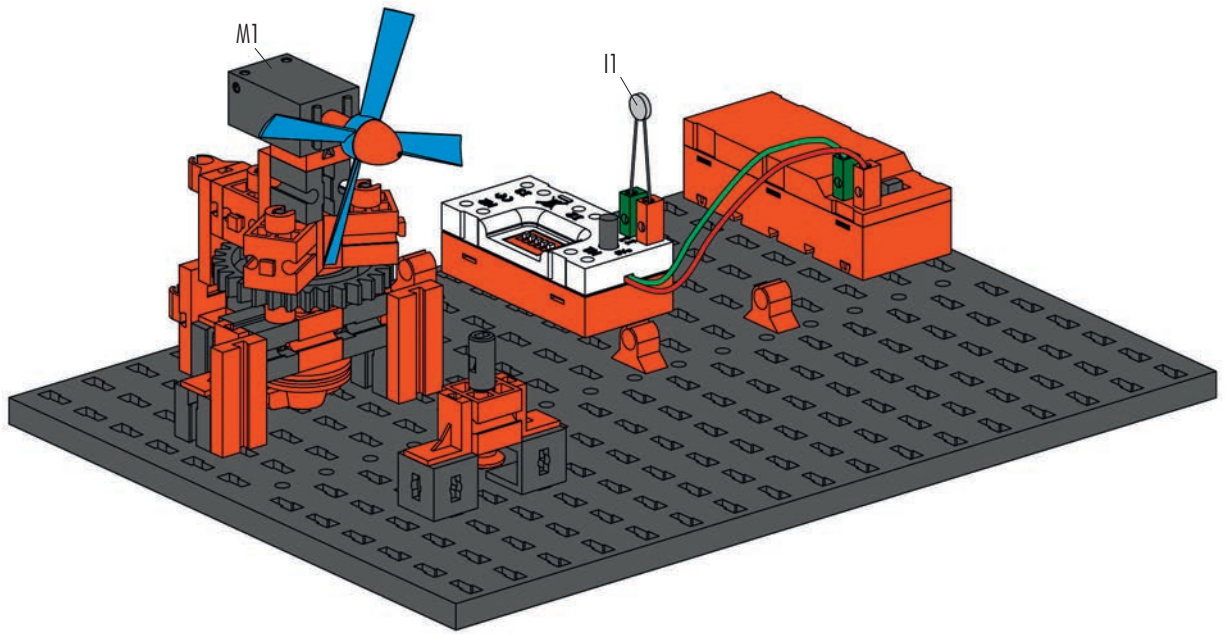
- 1x Red Axle Connector
- 3x Red Pin
- 3x Red Axle Connector
- 1x Red Pin
- 3x Grey Axle (30)
- 6x Red Pin

30 mm



**6**

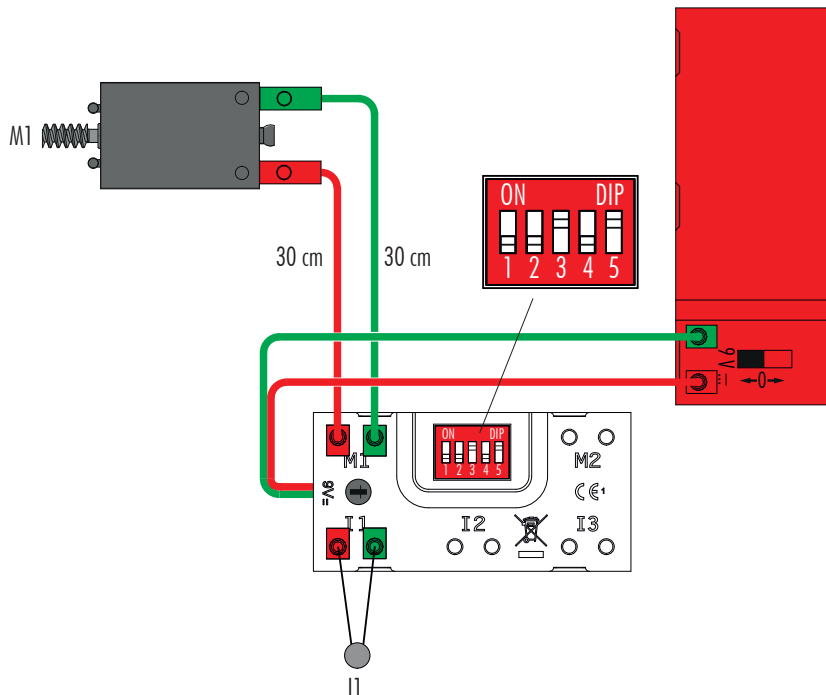
- 1x Grey Axle Connector
- 1x Motor Housing
- 1x Blue Propeller
- 1x Red Pin
- 1x Red Axle Connector
- 1x Red Pin
- 1x Red Axle (30)
- 1x Red Pin

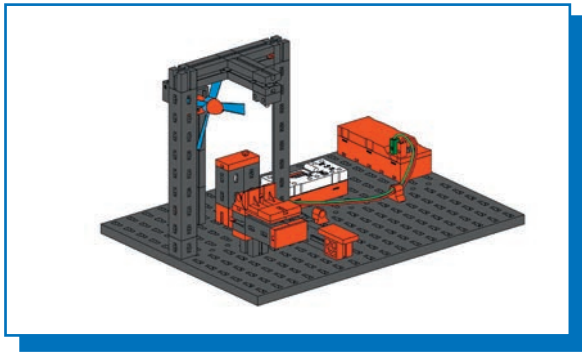


Schaltplan  
Circuit diagram  
Plan électrique

Schakelschema  
Diagrama de circuitos  
Plano elétrico de ligação

Schema elettrico  
Схема подключения  
电路图

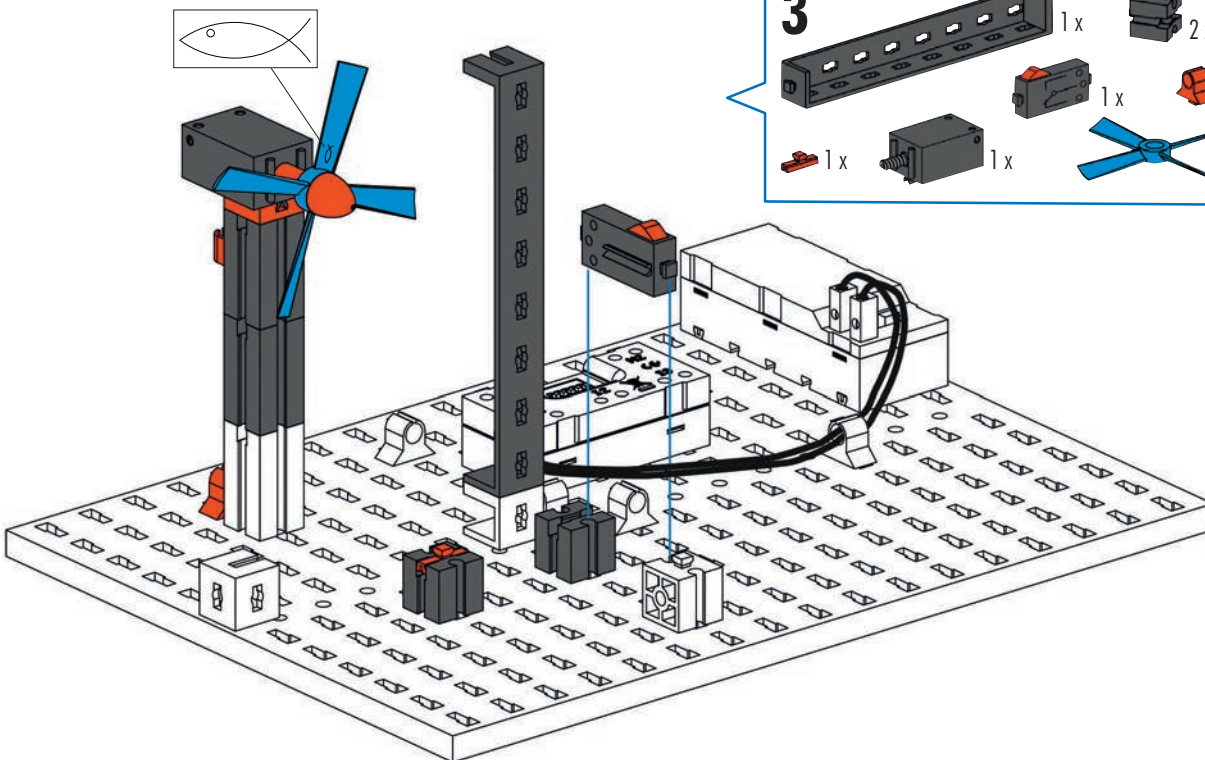
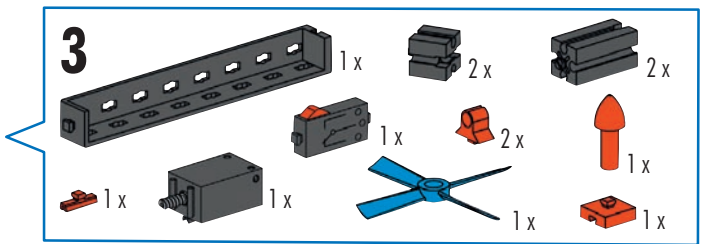
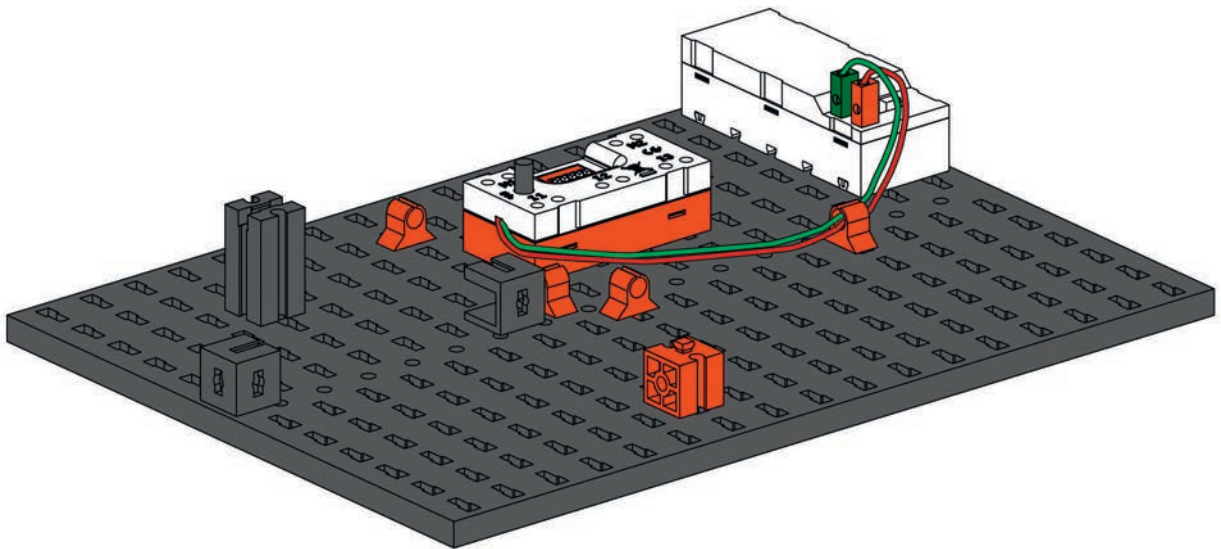
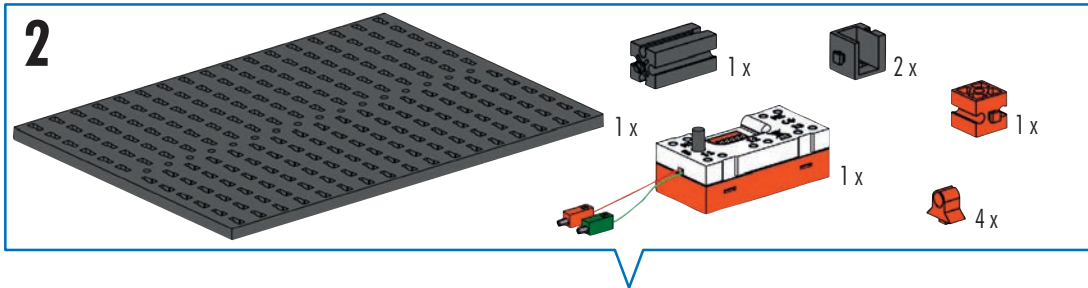
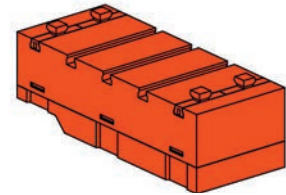
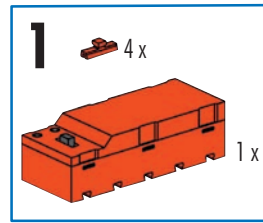


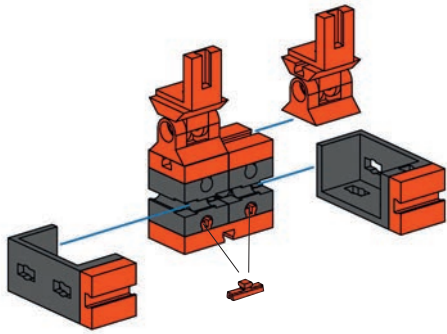


**Badezimmerlüftung**  
**Bathroom fan**  
**Ventilation de**  
**la salle de bain**

**Badkamerverlichting**  
**Ventilación de cuarto**  
**de baño**  
**Ventilação de banheiro**

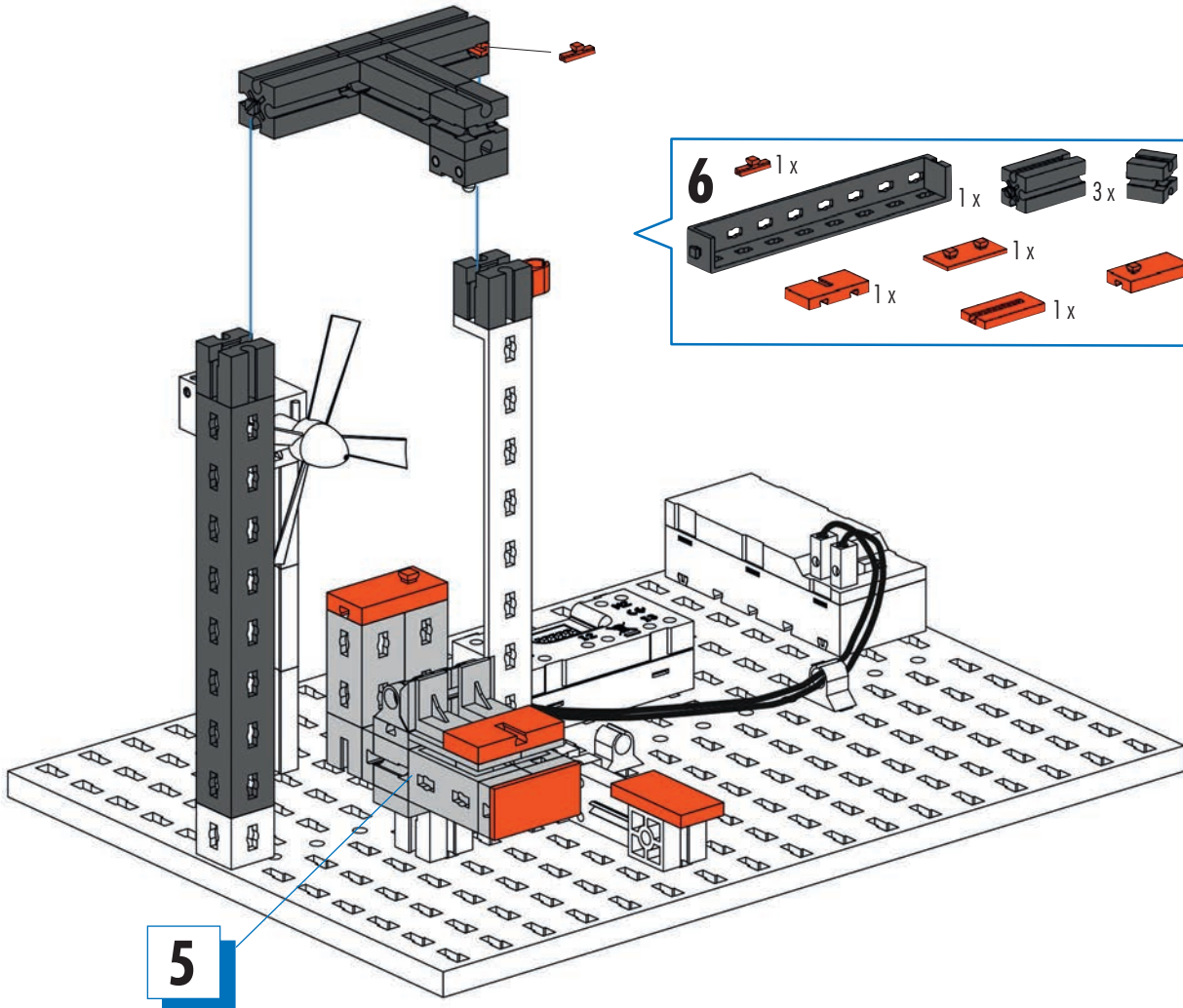
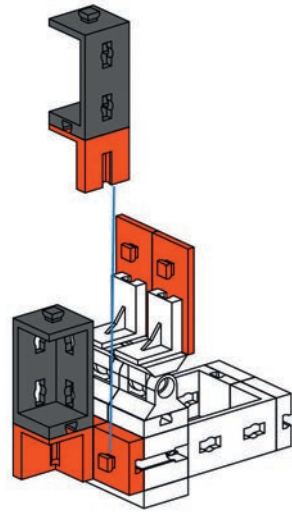
**Aeratore per bagno**  
**Вентиляция ванной**  
**комнаты**  
**浴室换气扇**



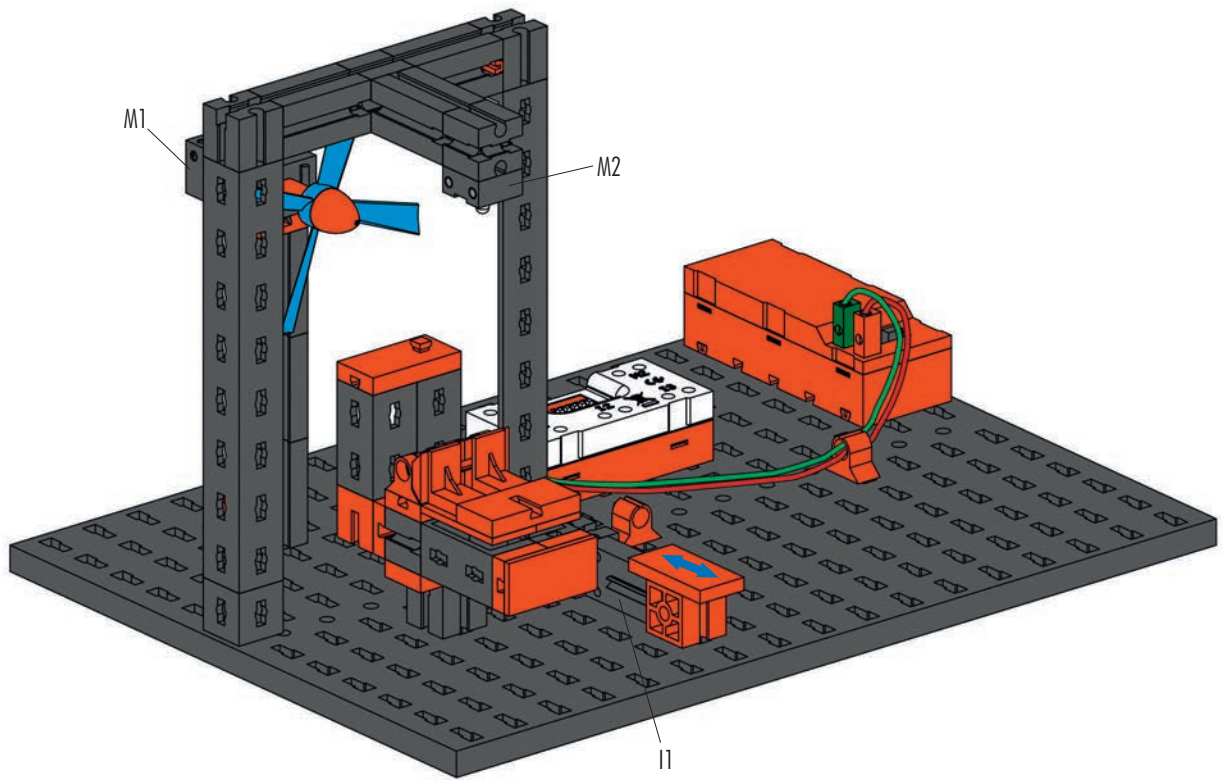


- 4**
- 2x (grey 1x2 Technic brick)
  - 2x (grey 1x3 Technic brick)
  - 2x (orange 1x2 Technic brick)
  - 2x (orange 1x2 Technic pin)
  - 1x (orange 1x3 Technic brick)
  - 6x (orange 1x2 Technic pin)
  - 2x (orange 1x2 Technic pin)

- 5**
- 2x (orange 1x2 Technic pin)
  - 2x (orange 1x2 Technic pin)
  - 2x (grey 1x3 Technic brick)
  - 2x (orange 1x2 Technic pin)



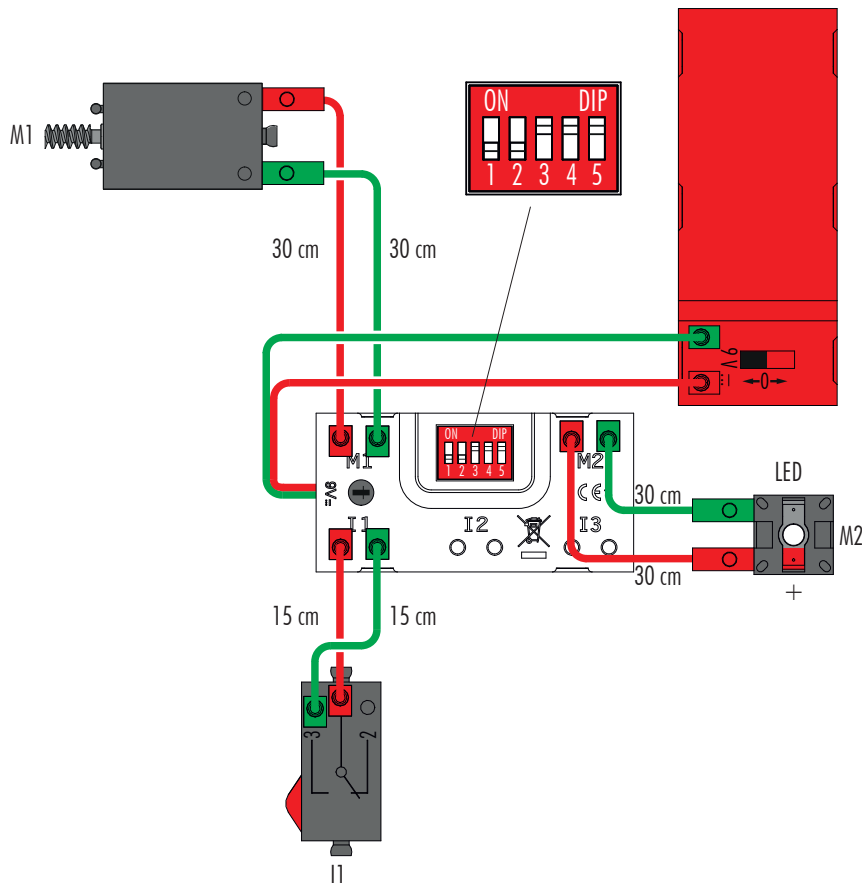
- 6**
- 1x (orange 1x2 Technic pin)
  - 1x (grey 1x10 Technic beam)
  - 3x (grey 1x3 Technic brick)
  - 4x (grey 1x2 Technic brick)
  - 1x (orange 1x2 Technic pin)
  - 1x (orange 1x2 Technic pin)
  - 1x (orange 1x2 Technic pin)
  - 1x (orange 1x3 Technic brick)
  - 1x (LED)



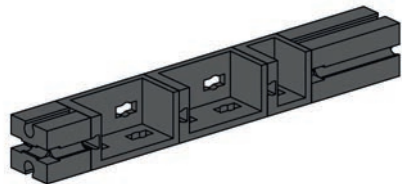
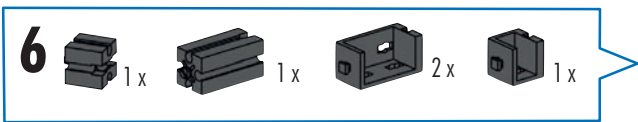
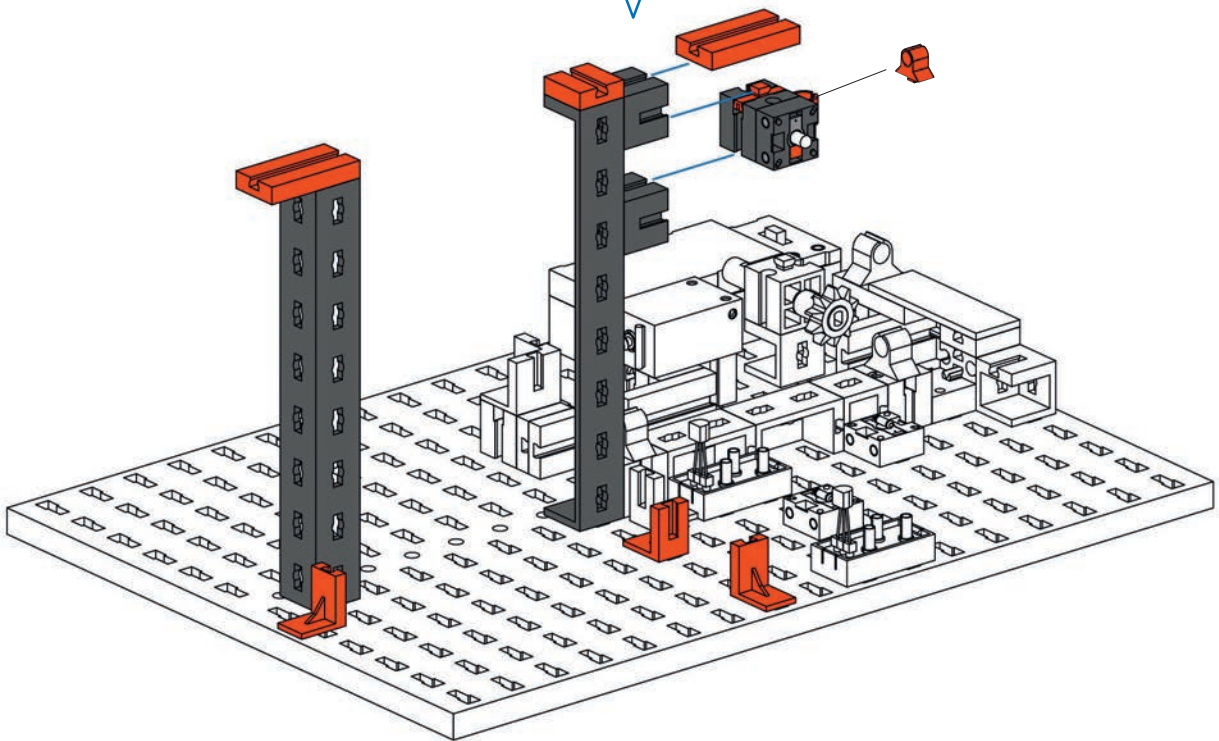
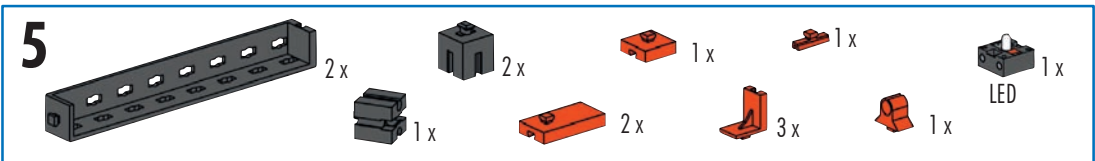
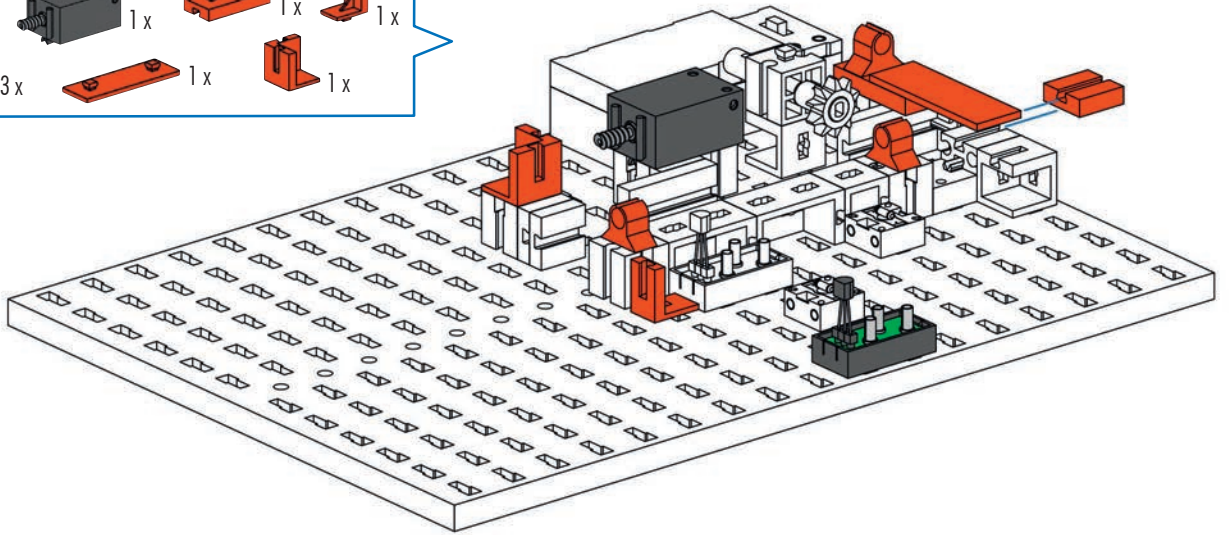
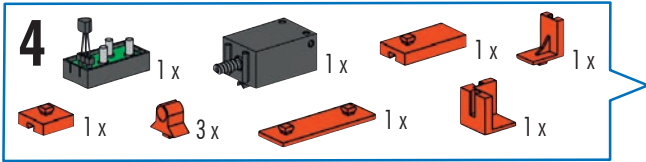
Schaltplan  
Circuit diagram  
Plan électrique

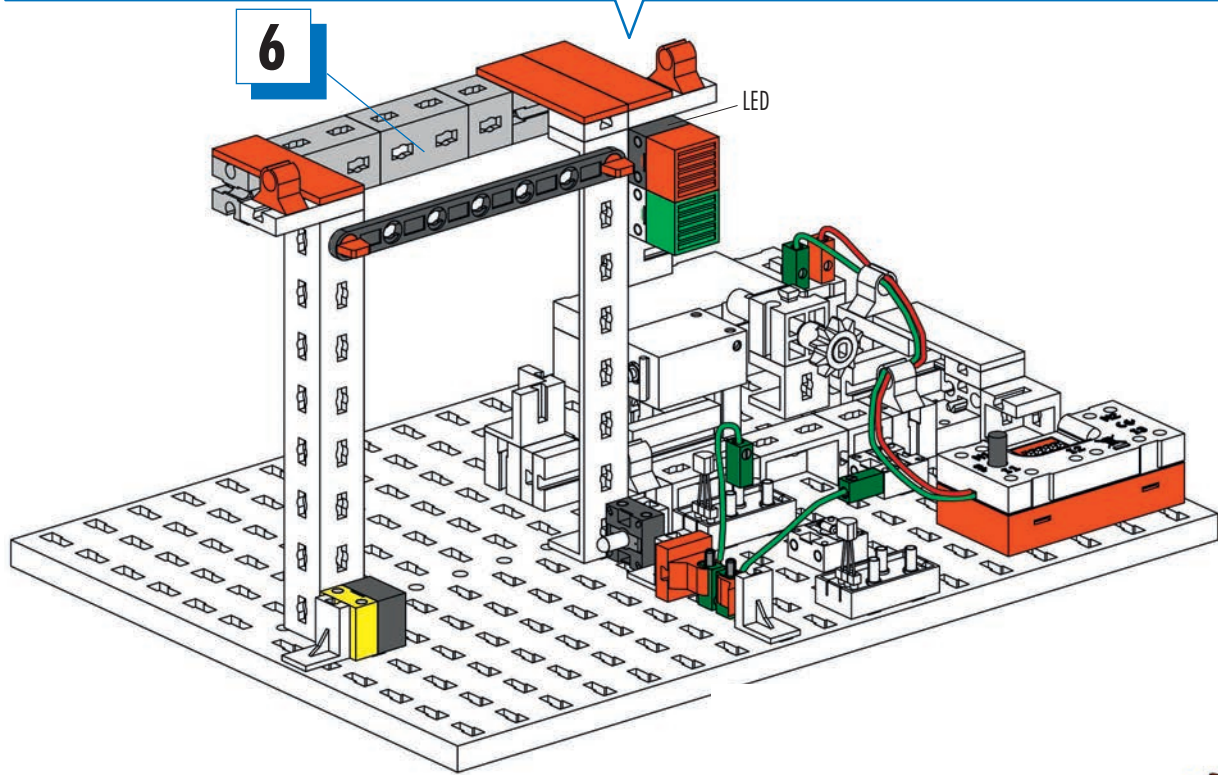
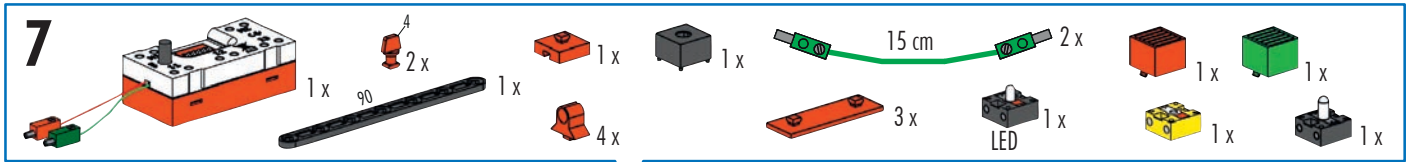
Schakelschema  
Diagrama de circuitos  
Plano elétrico de ligação

Schema elettrico  
Схема подключения  
电路图

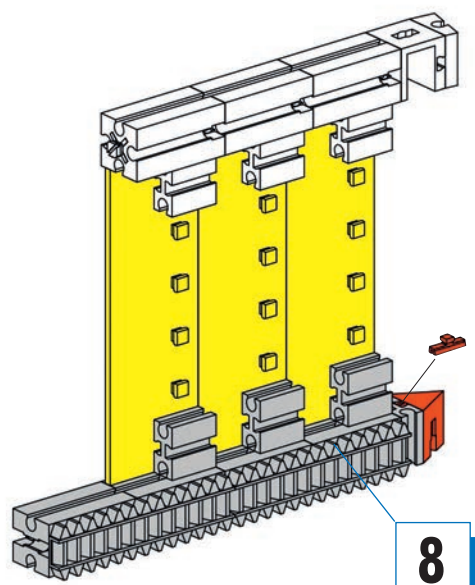
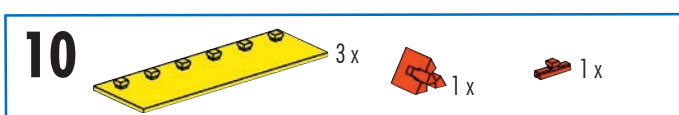
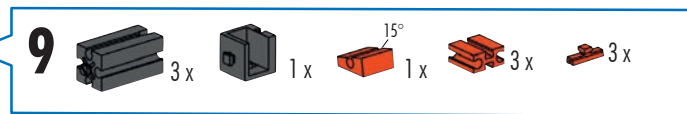
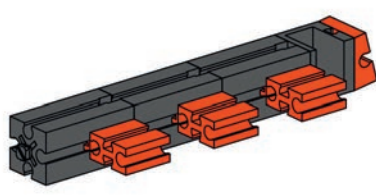
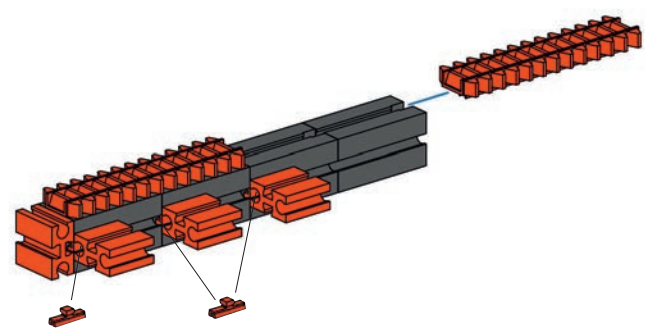
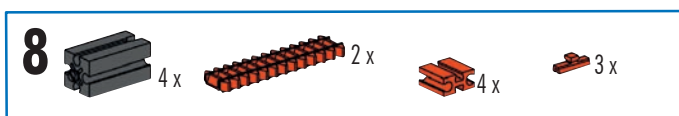








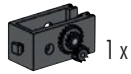
Linsenlampe  
 Lens tip lamp  
 Ampoule lentille  
 Lenslampje  
 Lampada lenticolare  
 Lâmpada de format  
 lenticular  
 Lampada lenticolare  
 Лампа с линзой  
 透镜灯



**8**



11



1x



1x



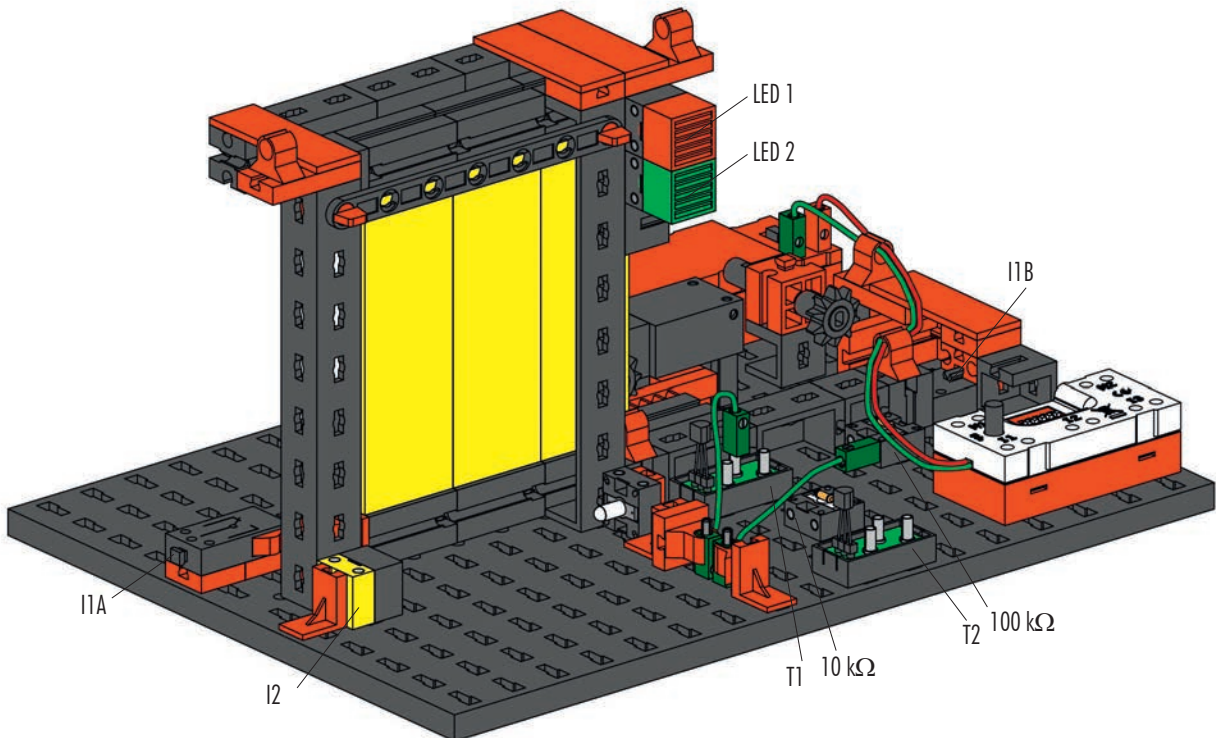
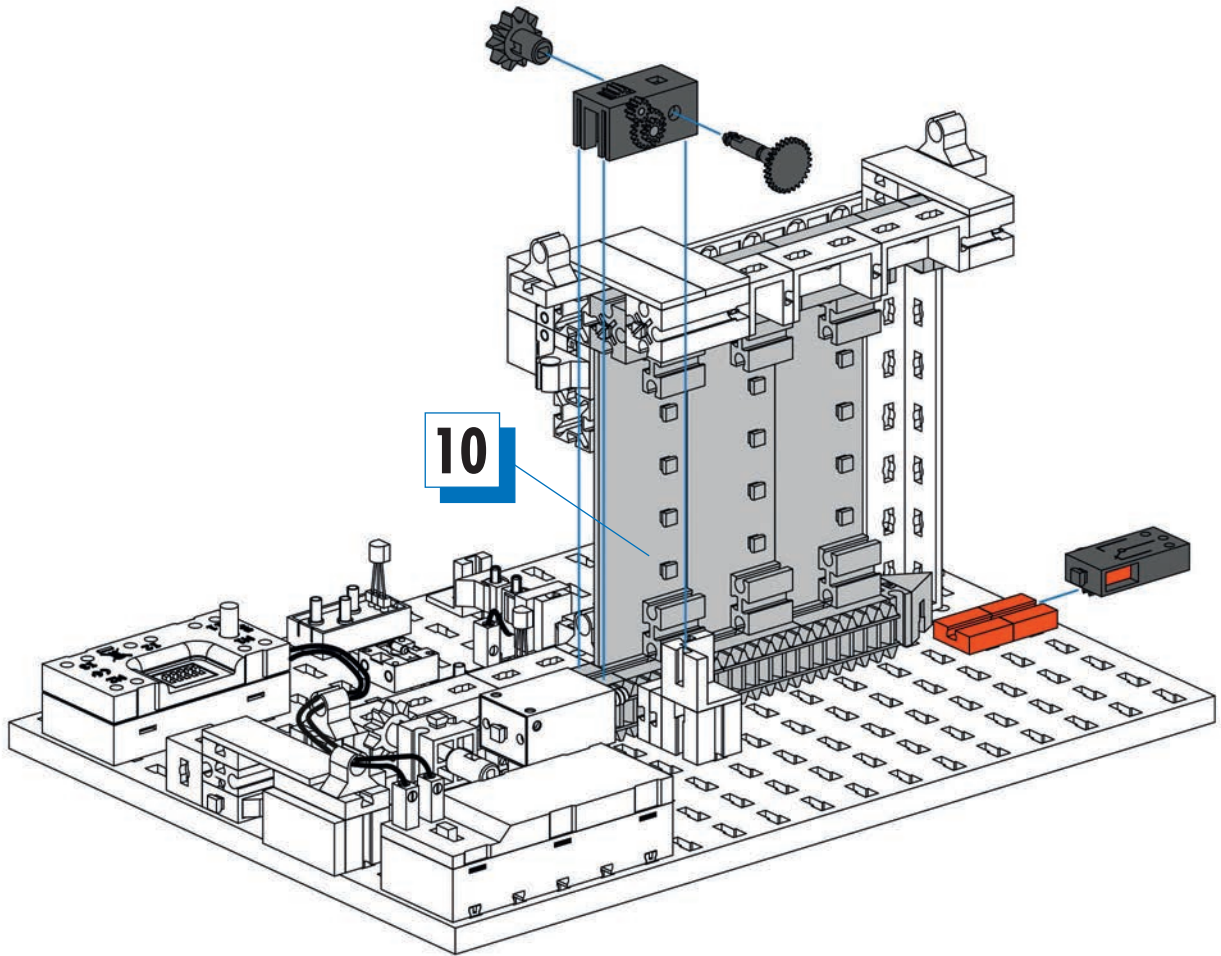
1x



2x



1x





**Sortiervorschlag Box 1 für Aufbewahrungssystem Art.-Nr. 94828**

**Storage suggestion box 1 for storage system Art No. 94828**

**Suggestion de classement Boîte 1 pour le système de stockage Art n° 94828**

**Sorteervoorstel box 1 voor bewaarsysteem art.-nr. 94828**

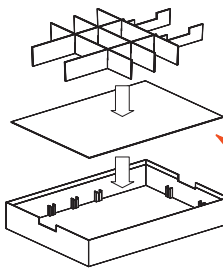
**Propuesta de clasificación Caja 1 para almacenamiento Art. N° 94828**

**Proposta de divisão caixa 1 para sistema de conservação n.º de art. 94828**

**Proposta di sistemazione Box 1 per il sistema di conservazione, cod. prod. 94828**

**Рекомендации по сортировке: Бокс 1 для хранения арт. № 94828**

**用于产品号为94828的保存系统的1号盒分类建议**



Zum Ausschneiden und Einlegen  
For cutting out and inserting  
A découper et à poser  
Uitknippen en aanbrengen  
Para cortar y montar  
Para cortar e colocar  
Da tagliare e inserire  
Вырезать и вложить  
用于剪下和放入



<p>1 x 137 096</p> <p>1 x 31 082</p> <p>1 x 31 078</p>	<p>2 x 32 330</p> <p>11 x 37 237</p>	<p>16 x 31 982</p> <p>2 x 31 597</p> <p>2 x 36 323</p>
<p>2 x 35 945</p> <p>1 x 36 264</p> <p>2 x 31 053</p>	<p>1 x 36 337</p> <p>8 x 35 969</p> <p>1 x 37 681</p>	<p>7 x 37 679</p> <p>1 x 136 775</p> <p>2 x 31 983</p> <p>3 x 31 848</p> <p>1 x 35 073</p> <p>3 x 30 mm</p> <p>1 x 38 413</p> <p>1 x 40 mm</p> <p>1 x 38 414</p> <p>1 x 30 mm</p> <p>1 x 35 063</p> <p>1 x 90 mm</p> <p>1 x 35 066</p>
<p>4 x 38 242</p> <p>3 x 38 241</p>	<p>1 x 36 981</p> <p>2 x 31 058</p> <p>2 x 35 031</p>	<p>3 x 38 485</p>



**Sortiervorschlag Box 2 für Aufbewahrungssystem Art.-Nr. 94828**

**Storage suggestion box 2 for storage system Art No. 94828**

**Suggestion de classement Boîte 2 pour le système de stockage Art n° 94828**

**Sorteervoorstel box 2 voor bewaarsysteem art.-nr. 94828**

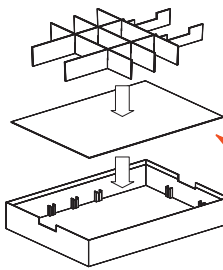
**Propuesta de clasificación Caja 2 para almacenamiento Art. Nº 94828**

**Proposta de divisão caixa 2 para sistema de conservação n.º de art. 94828**

**Proposta di sistemazione Box 2 per il sistema di conservazione, cod. prod. 94828**


**Рекомендации по сортировке: Бокс 2 для хранения арт. № 94828**

**用于产品号为94828的保存系统的2号盒分类建议**



Zum Ausschneiden und Einlegen  
For cutting out and inserting  
A découper et à poser  
Uitknippen en aanbrengen  
Para cortar y montar  
Para cortar e colocar  
Da tagliare e inserire  
Вырезать и вложить  
用于剪下和放入





Sortiervorschlag Box 3 für Aufbewahrungssystem Art.-Nr. 94828

Storage suggestion box 3 for storage system Art No. 94828

Suggestion de classement Boîte 3 pour le système de stockage Art n° 94828

Sorteervoorstel box 3 voor bewaarsysteem art.-nr. 94828

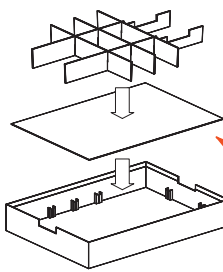
Propuesta de clasificación Caja 3 para almacenamiento Art. N° 94828

Proposta de divisão caixa 3 para sistema de conservação n.º de art. 94828

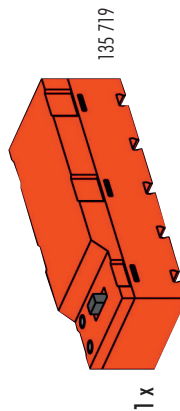
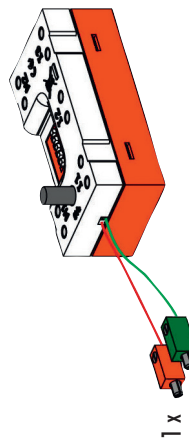
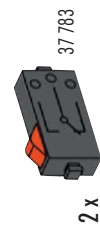
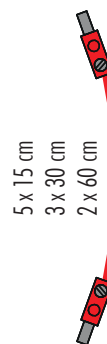
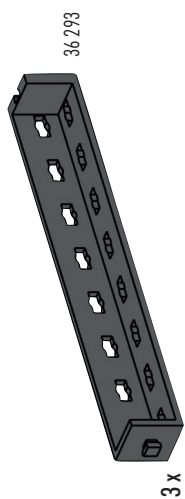
Proposta di sistemazione Box 3 per il sistema di conservazione, cod. prod. 94828

Рекомендации по сортировке: Бокс 3 для хранения арт. № 94828

用于产品号为94828的保存系统的3号盒分类建议



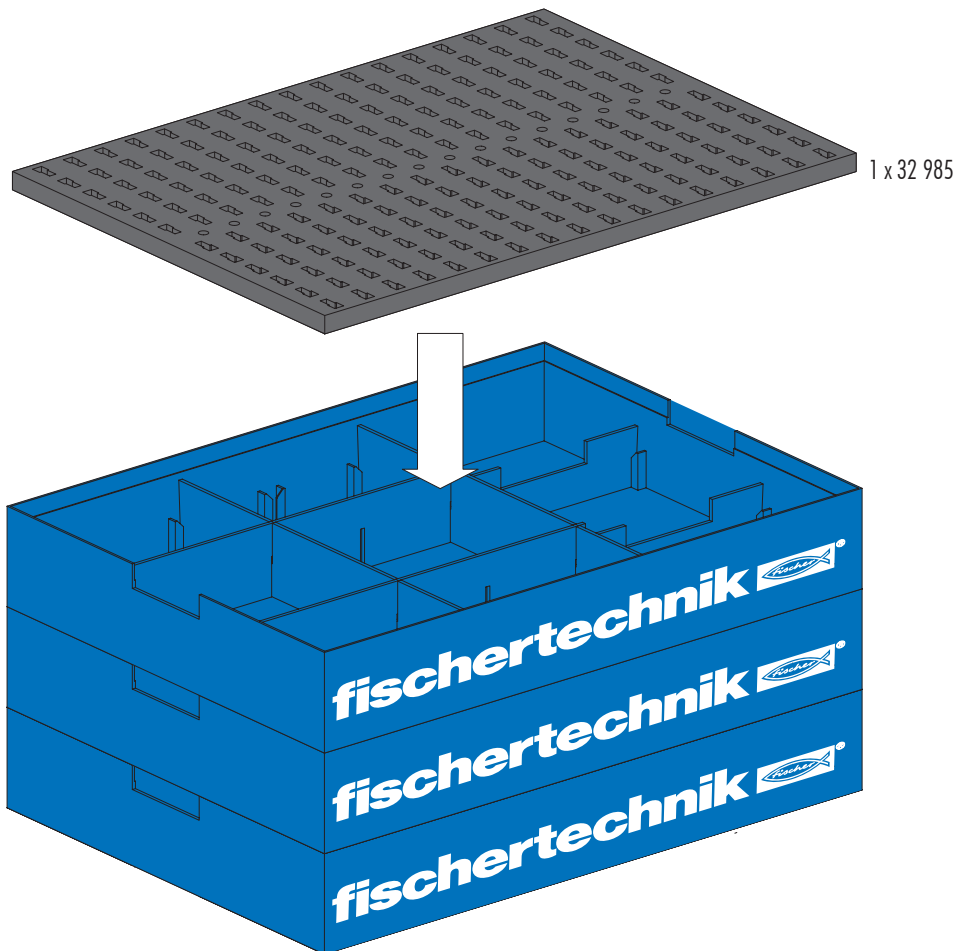
Zum Ausschneiden und Einlegen  
For cutting out and inserting  
A découper et à poser  
Uitknippen en aanbrengen  
Para cortar y montar  
Para cortar e colocar  
Da tagliare e inserire  
Вырезать и вложить  
用于剪下和放入







Empfohlene Aufbewahrung:	3 x Aufbewahrungssystem Art.-Nr. 94828
Recommended storage:	3 x storage system Art No. 94828
Stockage conseillé :	3 x système de stockage Art n° 94828
Bewaarradvisies:	3 x bewaarsysteem art.-nr. 94828
Consejos para guardar el producto:	3 x almacenamiento Art. Nº 94828
Conservação recomendada:	3 x sistema de conservação n.º de art. 94828
Conservazione consigliata:	3 sistemi di conservazione, cod. prod. 94828
Рекомендуемое хранение:	3 x бокса для хранения. Арт.№ 94 828
推荐的保存方式 :	3 个产品号为 94 828 的保存系统



#### ■ Hinweise zum Umweltschutz

Die elektrischen und elektronischen Bauteile dieses Baukastens (z. B. Motoren, Lampen, Sensoren) gehören nicht in den Hausmüll. Sie müssen am Ende ihrer Lebensdauer an einem Sammelpunkt für das Recycling von elektrischen und elektronischen Geräten abgegeben werden. Das Symbol auf dem Produkt, der Verpackung oder der Anleitung weist darauf hin.

#### ■ Instructions for Environmental Protection

Do not put the electrical and electronic components of this construction kit such as motors, lights and sensors in the household waste. At the end of their service life, take them to a collection point for the recycling of electrical and electronic devices. The symbol on the product, packaging or the instructions shows this.

#### ■ Remarques de protection de l'environnement

Les composants électriques et électroniques de ce coffret (par ex. moteurs, lampes, capteurs) ne doivent pas être jetés avec les ordures ménagères. Lorsqu'elles ne sont plus utilisables, il faut les remettre auprès d'un centre de collecte spécialisé dans le recyclage des appareils électriques et électroniques. Le symbole sur le produit, l'emballage ou la notice d'instructions le signale.

#### ■ Bescherming van het milieu

De elektrische en elektronische onderdelen van deze module (bijv. motoren, lampen, sensoren) behoren niet bij het huisvuil. Aan het einde van hun levensduur moeten ze worden ingeleverd bij een verzamelplaats voor de recycling van elektrische en elektronische apparaten. Het symbool op het product, de verpakking of de gebruiksaanwijzing wijst je daar ook op.

#### ■ Notas con respecto a la protección del medio ambiente

Los componentes eléctricos y electrónicos de esta unidad modular (p. ej. motores, lámparas, sensores) no han de tirarse a la basura casera. Al final de su vida útil tienen que ser entregados en un puesto colector para el reciclaje de aparatos eléctricos y electrónicos. El símbolo sobre el producto, el embalaje o las instrucciones lo señala.

#### ■ Instruções para a proteção do meio ambiente

Os componentes elétricos e eletrônicos deste módulo (p.ex. motores, lâmpadas, sensores) não pertencem ao lixo doméstico. Eles devem ser entregues, no final da sua vida útil, num posto de coleta para a reciclagem de aparelhos elétricos e eletrônicos. O símbolo no produto, na embalagem ou no manual indica isto.

#### ■ Indicazioni sulla tutela ambientale

I componenti elettrici ed elettronici di questa scatola di montaggio (ad es. motori, lampadine, sensori) non vanno smaltiti tra i rifiuti domestici. Alla fine della loro durata di utilizzo devono essere consegnati a un centro di raccolta adibito al riciclaggio di apparecchi elettrici ed elettronici. Ciò viene indicato dal simbolo che si trova sul prodotto, sull'imballo o sul manuale d'istruzioni.

#### ■ Указания по охране окружающей среды

Электрические и электронные детали этого комплекта (датчики, электромоторы, лампочки и др.) нельзя выбрасывать с бытовым мусором. После того как они отслужат свой срок, их нужно сдать для переработки на сборный пункт электрических и электронных приборов. На это указывает знак на изделии, на упаковке или на инструкции.

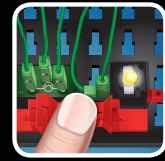
#### ■ 有关环保的提示

不得将本组件中的电气和电子部件 (如电机, 灯泡, 传感器) 当作家庭垃圾扔掉。等它们的使用寿命结束后, 应将它们送抵电气和电子器材回收站。产品、包装或说明书上的标记也说明这一规定。









**fischertechnik** 

**PROFI**

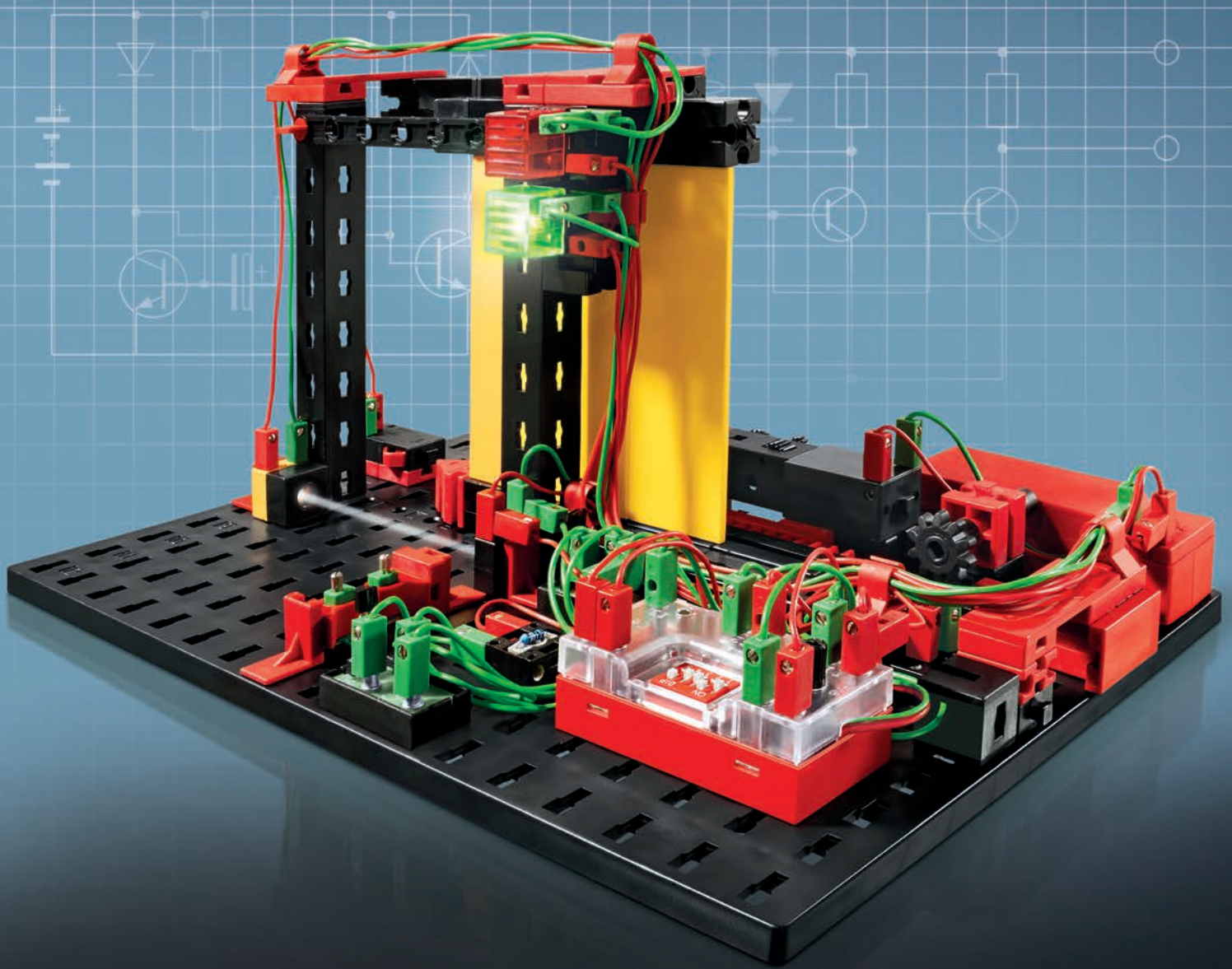
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Klaus-Fischer-Str. 1  
72178 Waldachtal  
Germany

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**Electronics**

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