

220–250 V AC · 50–60 Hz · 16 A per phase

400 V between phases · 3P+N+PE (4-wire)

IP20 · Class I · Indoor use only

Track: Aluminium 6063 + 100% copper · Connectors: PC



400 V between phases — installation only by a qualified electrician strongly recommended

Feed the system at MAXIMUM 1 point — multiple feed points may create dangerous backfeed voltages and may cause fire or electric shock hazards

IEC 60364 · NEN 1010 · AREI · DIN VDE 0100-559



SAFETY WARNINGS — IN MULTIPLE LANGUAGES

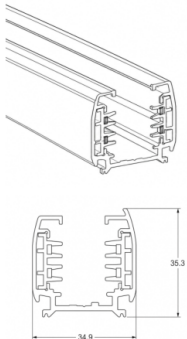
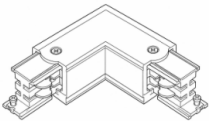
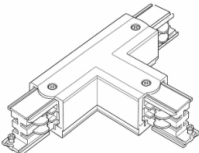
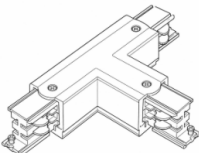
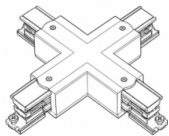
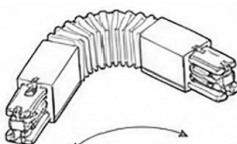
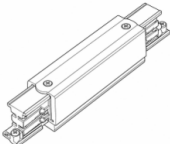
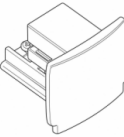
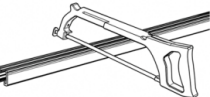
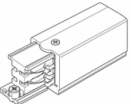
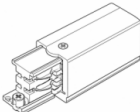
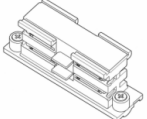
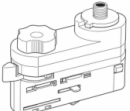
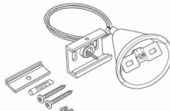
Sicherheitshinweise — mehrsprachig · Veiligheidswaarschuwingen — meertalig



NL Alleen door vakbekwaam personeel installeren. Spanning afschakelen vóór installatie. Volg NEN 1010 / AREI / DIN VDE 0100-559. Gebruik uitsluitend Wibo PRO-Track componenten. Max 16 A per fase. Voed op MAX 1 punt. IP20 — uitsluitend binnen, in droge en stofvrije ruimte.	EN Install only by qualified personnel. Disconnect voltage before installation. Follow IEC 60364. Use only Wibo PRO-Track components. Max 16 A per phase. Feed at MAX 1 point. IP20 — indoor use only, in dry and dust-free spaces.	DE Nur durch Fachpersonal installieren. Spannungsfrei schalten vor Installation. DIN VDE 0100-559 beachten. Nur Wibo PRO-Track Komponenten. Max 16 A pro Phase. An MAX 1 Punkt einspeisen. IP20 — nur Innen, in trockenen und staubfreien Räumen.
FR Installation par personnel qualifié uniquement. Couper la tension avant installation. Respecter NF C 15-100. Uniquement Wibo PRO-Track. Max 16 A par phase. Alimenter en MAX 1 point. IP20 — intérieur sec et sans poussière.	IT Installazione solo da personale qualificato. Togliere tensione prima dell'installazione. Solo componenti Wibo PRO-Track. Max 16 A per fase. Alimentare in MAX 1 punto. IP20 — solo interno, in ambienti asciutti e privi di polvere.	ES Instalación solo por personal cualificado. Desconectar la tensión antes de la instalación. Solo Wibo PRO-Track. Máx 16 A por fase. Alimentar en MÁX 1 punto. IP20 — solo interior, en espacios secos y sin polvo.
PT Instalação apenas por pessoal qualificado. Desligar a tensão antes da instalação. Apenas Wibo PRO-Track. Máx 16 A por fase. Alimentar em MÁX 1 ponto. IP20 — apenas interior, em espaços secos e sem pó.	PL Instalacja wyłącznie przez wykwalifikowany personel. Przed instalacją odłączyć napięcie. Tylko Wibo PRO-Track. Maks. 16 A na fazę. Zasilanie w MAKŚ. 1 punkcie. IP20 — wyłącznie wewnątrz, suche i wolne od kurzu.	CS Instalaci provádí pouze odborný personál. Před instalací vypněte napětí. Pouze Wibo PRO-Track. Max. 16 A na fázi. Napájení MAX. 1 bodem. IP20 — pouze vnitřní použití, suché a bezprašné prostředí.
HU Csak szakképzett személyzet telepítheti. Telepítés előtt kapcsolja le a feszültséget. Csak Wibo PRO-Track. Max 16 A fázisonként. MAX 1 ponton táplálva. IP20 — csak beltéri, száraz és pormentes helyiségben.	DA Installation kun af fagpersonale. Afbryd spændingen før installation. Kun Wibo PRO-Track. Maks. 16 A pr. fase. Strømforsyning MAKŚ. 1 punkt. IP20 — kun indendørs, tørt og støvfrit.	SV Endast fackpersonal får installera. Bryt spänningen före installation. Endast Wibo PRO-Track. Max 16 A per fas. Matning MAX 1 punkt. IP20 — endast inomhus, torrt och dammfritt.
NO Kun fagpersonell installerer. Koble fra spenningen før installasjon. Kun Wibo PRO-Track. Maks 16 A per fase. Strømforsyning MAKŚ 1 punkt. IP20 — kun innendørs, tørt og støvfritt.		

SYSTEM OVERVIEW

3-phase track system — all 54 components grouped by function

RAIL WB-SRL-400-001/002 1 meter 3-fasen rail WB-SRL-400-004/005 1.5 meter 3 fasen rail WB-SRL-400-007/008 2 meter 3 fasen rail WB-SRL-400-010/011 3 meter 3 fasen rail 	VERBINDERS WB-SRL-400-022/023 L-verbinder Universal  WB-SRL-400-028/029 Recht koppelstuk LEFT  WB-SRL-400-031/032 T-verbinder RIGHT  WB-SRL-400-025/026 X-verbinder  WB-SRL-400-040-041 Flexibele L-verbinder  WB-SRL-400-019/020 Power connector midden 	EINDSTUK WB-SRL-400-034/035 Eindkap  Zaagbaar 
Power con. WB-SRL-400-013/014 Rechter voeding  WB-SRL-400-016/017 Linker voeding 	OVERIGE ACCESSOIRES WB-SRL-400-037/038 Koppelstuk verbinding  WB-SRL-400-052/053 Pendeladapter  WB-SRL-400-043/044 300CM Ophangkabel WB-SRL-400-046/047 500CM Ophangkabel 	

System specifications · 220–250 V AC, 50/60 Hz, 16 A per phase · 400 V between phases · 4-wire 3P+N+PE · Class I (PE mandatory) · IP20 indoor only · Track: Aluminium 6063 + 100% copper · Connectors: PC · Max 6 A per pendant adapter · Fixing distance ≤ 1000 mm (VDE 0100-559) · Distribute fixtures evenly across L1/L2/L3 for phase balance

WIRING DIAGRAM TRACK — Schema G1

3-phase 4-wire system



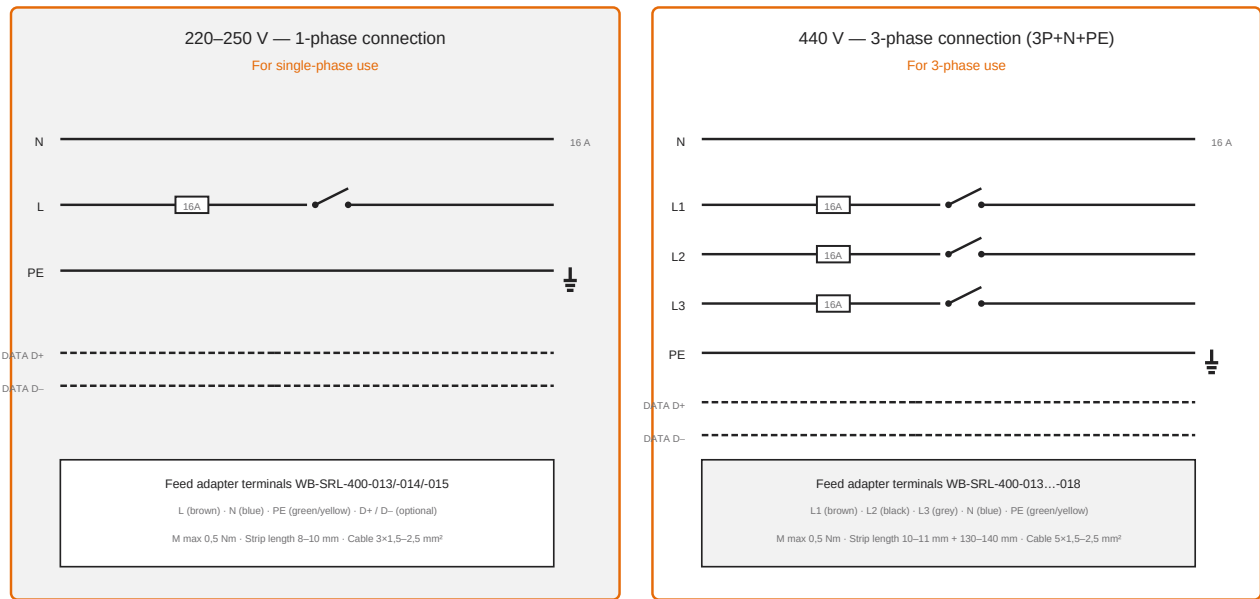
230/400 V supply → Feed connector → Track (3P+N+PE) → End cap (closure)
Fixture branch: Track (3-phase) → Pendant adapter → 230 V fixture (see page 8)

POWER FEED CONNECTOR TERMINALS

L1	brown	16 A — phase 1
L2	black	16 A — phase 2
L3	grey	16 A — phase 3
N	blue	asymmetrically marked on track (wide groove on top)
PE	green/yellow	mandatory — Class I

NL: NEN 1010 · BE: AREI · DE: DIN VDE 0100-559 · EN: IEC 60364

WIRING 220–250 V vs 440 V



wiring-220-440 · v1.0 · 2026-05-22

CABLE SPECIFICATIONS

Cross-section	5 × 1.5–2.5 mm ² (3-phase) / 3 × 1.5–2.5 mm ² (1-phase)
Strip length	8–10 mm per wire
Terminal torque	M max 0.5 Nm — calibrated torque wrench required
Strain relief	mandatory for suspended mounting

MOUNTING TYPES & MECHANICAL LOAD

Three installation methods

1. Surface mounted	Directly on ceiling or wall. Simplest installation.	Metal or wood screws via pre-punched slots. Max screw head Ø 8 mm.	No RIP-brackets required.
2. Suspended	Freely hanging with suspension cables. Suitable for high ceilings and design applications.	Suspension cables WB-SRL-400-043...-051. Recommended spacing 1000 mm, max 2000 mm between suspension points.	RIP-bracket required at joiner connections on suspended track.
3. Recessed	Flush-mounted into ceiling profile or plasterboard. Clean and minimalist look.	Ceiling slot opening: 37–38 mm. Slide profile fully into the slot.	Support the track close to connectors (120–150 mm from track end).

PROFILE DIMENSIONS

Track height	35.3 mm	Profile inner width	14.8 mm
Track width	35.2 mm	Recessed slot opening	37–38 mm
Height with connector	56 mm	Track material	Aluminium 6063

MAXIMUM MECHANICAL LOAD

Max point load per suspension	50 N	≈ 5 kg static pulling force per suspension point
Max load between suspension points	10 kg	Distribute fixtures evenly along the track

Max load per metre of track	10 kg/m	Including fixtures + adapters + mounting parts
Fixing distance recommended	≤ 1000 mm	Per VDE 0100-559 — surface mounted
Fixing distance max (suspended)	≤ 2000 mm	For suspended mounting with cables
Max screw head diameter	Ø 8 mm	Otherwise the screw head will not fit in the slot



CRITICAL INSTALLATION RULES

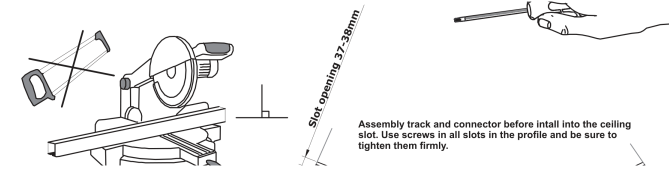
- Feed the system at **MAXIMUM 1 point** — multiple feed points may create dangerous backfeed voltages and may cause fire or electric shock hazards
- **NEVER** leave an open track end — always close with an end cap
- Match the profile direction and N-groove asymmetry on every connection
- Match the key code of the feed connector to the track
- Disconnect mains voltage before installation or maintenance

INSTALLATION STEPS

1	Measure and cut the track to length	Clean the cut edge accurately. Keep the profile axis straight.
2	Place end cap on opposite end from the feed	WB-SRL-400-034/-035/-036 — click into place.
3	Pre-assemble the track + connector before mounting	Use screws in ALL pre-punched slots and tighten firmly.
4	Fix the track — spacing ≤ 1000 mm (suspended ≤ 2000 mm)	Max screw head Ø 8 mm. Support track within 120–150 mm of every connector.
5	Insert connectors — match profile direction + key code	WB-SRL-400-022...-042. Keep N-groove asymmetry on the same side!
6	Connect the feed adapter L1/L2/L3/N/PE — MAX 1 point	WB-SRL-400-013...-021. M max 0.5 Nm. Tighten ground screw firmly.
7	Mount pendant / suspension (for suspended mounting)	WB-SRL-400-043...-054. Use RIP-bracket at every joiner.
8	Switch power on + test operation	Verify L1/L2/L3 + N + PE with a multimeter.

INSTALLATION DETAILS

Visual instructions per installation aspect



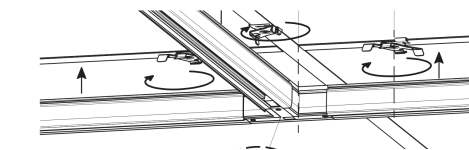
1. Cut track + assembly + 37–38 mm slot

Cut track to length, clean cut edge accurately. Assemble track + connector before installing in ceiling slot. Use screws in ALL punched slots and tighten firmly. Slot opening for recessed: 37–38 mm.



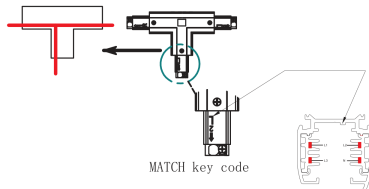
2. Acoustic ceiling / Visible T-bar — 120–150 mm support

Support the track where a connector is being used close to the connection point. Aim for a close distance (120–150 mm) to the end of the track when used with acoustic ceiling or visible T-bar.



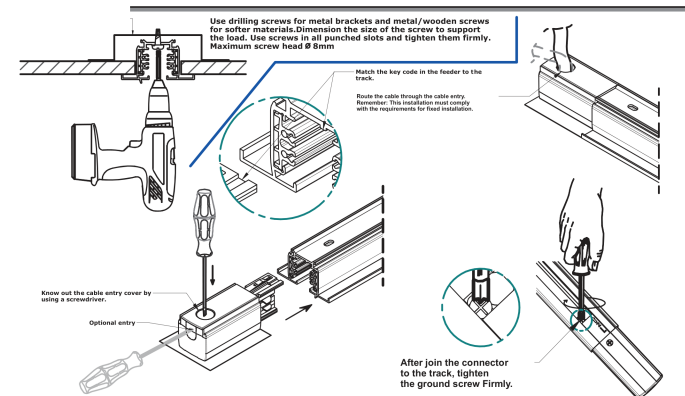
3. Suspended systems — mini joiner with RIP-bracket

When using a mini joiner on a suspended track system, always use a RIP-bracket to reinforce the connection. Type depends on installation needs. RIP-bracket is NOT needed for surface-mounted systems.



4. MATCH key code + match profile direction

Be sure to match the profile direction on all connection points. Match the key code in the feeder to the track — never force the adapter; excessive force is normally an indication of other problems.



5. Cable entry + screw types + ground screw

Use drilling screws for metal brackets and metal/wooden screws for softer materials. Maximum screw head Ø 8 mm. Route cable through the cable entry (knock out cover with screwdriver). After joining connector to track, tighten the ground screw firmly.

CONNECTOR TYPES

		
1. Feed LEFT/RIGHT WB-SRL-400-013...-018 Start of track system	2. L-shape (90°) WB-SRL-400-022/-023/-024 Rotatable, universal	3. I-shape pass-through WB-SRL-400-037/-038/-039 Straight joiner
		
4. Mid-feed connector WB-SRL-400-019/-020/-021 Mid-track feeding	5. End cap WB-SRL-400-034/-035/-036 Closes track end	6. Pendant adapter WB-SRL-400-052/-053/-054 3-phase → 230V

Electrical operation — passthrough

All connectors pass L1/L2/L3 + N + PE unchanged from track segment A to B. No phase interruption.

☐

Asymmetric N-groove must remain on the same side across ALL track segments and connectors — otherwise short-circuit risk.

☐

MATCH key code: the feed connector is keyed and only fits in one position on the track. NEVER force — if the adapter does not slide in smoothly, re-check the profile direction.

☐

Feed at MAX 1 point: even when using a mid-feed connector (SKU -019/-020/-021), the entire system may only be fed at a single electrical point.

Phase balance: Distribute fixture adapters cyclically across L1/L2/L3 (fixture 1→L1, 2→L2, 3→L3, 4→L1, ...).

MAINTENANCE

Clean with a dry or lightly damp microfibre cloth while the system is powered off. Do not use solvents. In case of a defective component: return it as a WEEE product — do not attempt to open or repair it yourself.



RECYCLING & DISPOSAL — WEEE

Producer: Wibo Import B.V. (trading as Wibo Lighting) · Manufactured after 13-08-2005

Do not dispose of as household waste. Return to a WEEE collection point in your country.
NL: www.wecycle.nl · BE: www.recupel.be · DE: www.stiftung-ear.de

LIABILITY & CONDITIONS OF USE

Wibo Import B.V. (trading as Wibo Lighting) ensures the conformity of this system with the applicable European product directives and harmonised standards, as set out in the EU Declaration of Conformity supplied with this product. Statutory product liability and consumer rights remain fully applicable.

This 3-phase track system operates at 400 V between phases — installation is to be carried out by a qualified electrician. Disconnect the mains voltage before installation or maintenance.

The track system may only be used within the technical conditions stated on the product label and in this manual (220–250 V AC, 50/60 Hz, 16 A per phase, IP20 indoor). If a component is modified, the person responsible for the modification shall be considered the manufacturer.

Defects or damage resulting from installation contrary to this manual, modifications to the system, or use outside the specified conditions are not covered by the manufacturer's warranty. Product defects arising from an inherent property or manufacturing fault of the system remain fully covered by statutory conformity and consumer rights.

Nothing in this text limits or excludes the statutory rights of the end-user as a consumer, nor the liability of Wibo Import B.V. for intent, gross negligence or personal injury.

In case of discrepancies between language versions, the Dutch (NL) master version prevails for legal purposes.

EU DECLARATION OF CONFORMITY



The full EU Declaration of Conformity for this PRO-Track system, available in 24 languages, can be accessed via:

docs.wibo-lighting.com/v/PRO-Track/V2026-05-26

This DoC covers the track system itself. Track-mounted fixtures have their own separate DoC.

MANUFACTURER

Manufacturer: Wibo Import B.V.

Trading as: Wibo Lighting

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E-mail: info@wibo-lighting.com

Web: wibo-lighting.com

CoC (KvK): 42058389

Responsible Person (EU 2019/1020 art. 4)