

# UIC 552 M1 SERIES





**Quality Standard:** All products are subject to an extensive quality test in the final inspection phase. Of course, we are certified according to current industry-specific standards.



# UIC 552 M1 SERIES CONNECTORS



#### **PRODUCT INFO**

UIC 552 connectors are required for all rail vehicles used in international traffic with a power train line.

The power train line ensures the power supply between all rail vehicles, including traction units. The UIC 552 standard defines a uniform standard, which ensures that wagons from different manufacturers are internationally compatible with each other.

For technical implementation, appropriate connectors are required between the traction unit and all other rail vehicles. Our robust era-contact UIC 552 connector system meets all specifications of the UIC 552 standard.

#### **APPLICATION AREA**

- For electrical connection according to UIC 552 for local and long-distance trains
- As new equipment for the power train line
- · During the overhaul of rail vehicles
- For use with spare parts
- Compatible with all UIC 552
   systems on the market



# UIC 552 M1 SERIES FEATURES



- · All products of the series are UIC 552 compliant
- $\cdot\,$  Robust, durable construction according to the current state of the art
- · Grounding according to currently valid EN standards
- · Increased corrosion resistance against chemical influences
- · Current transmission of 800 A at -10°C with a nominal voltage of 3 kV AC/DC and rated voltage of 3.9 kV
- · Threaded holes for the cable outlets up to M50 selectable as standard
- · Protection against dust and moisture according to the protection class: min. IP55
- · Protection against unintentional disconnection
- Weather and temperature resistance: min. -50°C to max. +85°C for all connector materials

#### UIC 552 M1 series plug (S)

- Also available as connector cable (AS) or jumper cable (VS)
- · Crimp connection 185 mm<sup>2</sup>
- Protection against unintentional contact is guaranteed
- · Grounding implemented via 25 mm² shielding braid

#### UIC 552 M1 series receptacle (KDO)

- More safety and less wear thanks to optional pilot contact for plug monitoring
- Locking device to prevent unauthorized access, available on right or left side
- Symmetrical, one-piece design for easy maintenance and ideal integrability of the receptacle
- Individually selectable cable outlets
- · M10 grounding interface

#### UIC 552 M1 series dummy receptacle (BDO)

- $\cdot\,$  Variant available with and without locking device
- $\cdot$  Available with and without IP 55 protection class

#### UIC 552 M1 series cable junction box (KAK)

M8 grounding interface on the rear right (other sizes on request)

#### UIC 552 M1 series junction box (AZK)

- Variant available with and without flange
- Variant with flange enables mounting of preassembled cable in AZK
- Simplification of assembly and connection processes
- M12 grounding interface



# UIC 552 M1 SERIES TECHNICHAL DATA

SPECIFICATION	DESCRIPTION	VALUES & DATA
Standards	Type Protection class (EN 60529)	UIC 552 VE Receptacle (KDO): IP56 – coupled or receptacle closed, on request higher IP protection possible dummy receptacle (BDO): standard IP 20 (plugged), IP 55 possible on request Junction box (AZK) and Cable junction box (KAK): IP55
Connection type	Number of poles Connection cross section Connection to female contact Connection to male contact	1 185 mm <sup>2</sup> M16 screw connection Crimp
Electrical characteristics	Nominal voltage Rated voltage Rated current	3 kV AC / DC 3.9 kV 800 A at -10 °C
Mechanical characteristics	Insertion force Pull-out force	> 200 N > 100 N
Operating conditions	Operating temperature range	-50°C +85°C
Materials	Plug housing Receptacle housing Plug head Contact insert Seals Contacts	Cast aluminum Cast aluminum Thermoset Thermoset Chloroprene rubber, EPDM, Silicone elastomer Copper alloy
Weights	Plug (without cable) Receptacle without lock and pilot contact Lock for receptacle/ dummy receptacle Pilot contact Cable junction box Junction box Dummy receptacle	approx. 1.8 kg approx. 16.0 kg approx. 0.4 kg approx. 0.4 kg approx. 7.5 kg approx. 12.5 kg approx. 2.1 kg

Special requirements possible upon request



# UIC 552 M1 SERIES PLUG (S), CONNECTOR CABLE (AS) & JUMPER CABLE (VS)



### **Product info**

Our plugs are equipped with high quality components for power transmission up to 800 A. This product for the train line thus permanently meets high functionality and safety requirements.

UIC 552 M1 plug: Deep black, RAL 9005



#### **Connector cable with plug:** UIC552-M1-AS-Lxxxx



### Jumper cable with two plugs: UIC552-M1-VS-Lxxxx



CABLE LENGTH L	TOLERANCE
< 2,000 mm	+ 20 mm
≥ 2,000 mm, < 5,000 mm	+ 30 mm
≥ 5,000 mm, < 10.000 mm	+ 40 mm
≥ 10,000 mm	+ 50 mm



# UIC 552 M1 SERIES PLUG (S), CONNECTOR CABLE (AS) & JUMPER CABLE (VS)

## Order options and key

#### Example:

UIC 552 M1 connector cable with plug, 2,500 mm cable length

UIC552-M1-AS-L2500

Туре	UIC552-M1		
Product	S AS VS	Plug without cable Connector cable with one plug Jumper cable with two plugs	
Total length	Lxxxx	Standard lengths for cable variant AS: 2,500 mm Standard lengths for cable variant VS: 1,500 mm (desired lengths on request)	 ]

Color option	RAL9005	Deep Black
	RAL7023	Concrete Gray
		(Other colors on customer request)



# UIC 552 M1 SERIES RECEPTACLE (KDO)



### **Product info**

Our receptacle with its solid metal handle ensures a secure locking of the plug for a permanent use under rough conditions. The optional lock protects against unauthorized opening and is available mounted on the right or left side.

We also offer the receptacle optionally with a pilot contact.

Receptacle UIC 552 M1: Deep Black, RAL 9005











# UIC 552 M1S SERIE **RECEPTACLE (KDO)**

### Option locking device (V)



era-contact's UIC 552 M1 receptacle is symmetrical, i.e. the locking device can be mounted both on the left (VL) or the right (VR) side of the UIC552 M1 solution:

- · UIC 552 receptacle is universally applicable
- · Easy access to the locking device is ensured

#### Accessories for locking device

DESIGNATION DESCRIPTION ARTICLE NO. Key for UIC 552 locking device Steel key

**Option pilot contact (P)** 



124253

The UIC 552 M1 receptacle is available with (P1) and without (P0) pilot contact. The pilot contact is used to provide feedback regarding the presence of a plug.

### Grounding thread (E)



Grounding thread is located both on the right, as well as on the left side.

#### Size options:

- M10 (standard)
- M8 (possible on reques)
- M12 (possible on reques)



# UIC 552 M1 SERIES RECEPTACLE (KDO)

### **Options threaded holes**

Threaded holes for the receptacle (KDO) can be set at the rear, right, and left side of the receptacle. era-contact offers the following standard diameter sizes and combination options for the threaded holes.

For more sizes, please contact us to discuss the details.



### Combination options for threaded holes







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# UIC 552 M1 SERIES RECEPTACLE (KDO)

### Order options and key

#### Note

Due to the high variation possibilities in the assembly of the receptacle, the order key is generated for you by our sales team – this way it is possible to work out the best product and the most reasonable alignment for you. Please contact us.

Type         UIC 552-M1         Product         KDO       Receptacle         Pilot contact         P0       Without pilot contact         P1       Without pilot contact         Locking device         V0       Without locking device ett         VR       Locking device left         VR       Locking device right         Threaded position rear         H1x       Threaded hole position H2, diameter: M40x1.5 (H1M40), M50x1.5 (H2M50)         H3x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H4M50)         H5x       Threaded hole position H4, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         H5x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M25x1.5 (R2M25)         Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M25x1.5 (R2M25)         R3x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M25x1.5 (L2M25)         R3x       Threaded hole position L3, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       <		UIC552-M1-KDO-Px-Vx-H1x-H2x-H3x-H4x-H5x-R1x-R2x-R3x-L1x-L2x-L3x-EM10
UIC 552-M1         Product         KDO       Receptacle         Pilot contact         P0       Without pilot contact         P1       With pilot contact         Locking device         V0       Without locking device         VL       Locking device right         Thread position rear         H1x       Threaded hole position H2, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)         H2x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H3M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)         H4x       Threaded hole position H4, diameter: M40x1.5 (H1M40), M50x1.5 (H4M50)         H5x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         H5x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R1x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R1x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R1x       Threaded hole position R2, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M40x1.5 (L		
Product		
KDO       Receptacle         Pilot contact       PO         Without pilot contact       PO         P1       With pilot contact         P1       With pilot contact         Locking device       V0         V0       Without locking device efft         VR       Locking device right         Thread position rear       PO         H1x       Threaded hole position H1, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)         H2x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H4x       Threaded hole position H4, diameter: M40x1.5 (R1M40), M50x1.5 (H4M50)         H5x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (L1M50)         R2x       Threaded hole position R1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M40x1.5 (L1M40), M50x1.5 (L3M50)         Chread position R3       Threader: M40x1.5 (L1M40), M50x1.5 (L3M50)         L2x       Threaded hole po	01C 552-1011	
Pilot contact         P0       Without pilot contact         P1       With pilot contact         Locking device         V0       Without locking device efft         VR       Locking device ight         Thread position rear         H1×       Threaded hole position H1, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)         H2×       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3×       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H4M50)         H4×       Threaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5×       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         H5×       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R1×       Threaded hole position R2, diameter: M40x1.5 (R3M40), M50x1.5 (R1M50)         R2×       Threaded hole position R2, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)         Threade position left	Product —	
P0       Without pilot contact         P1       With pilot contact         Locking device	KDO	Receptacle
P1       With pilot contact         Locking device         V0       Without locking device         VL       Locking device left         VR       Locking device right         Thread position rear         H1x       Threaded hole position H1, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)         H2x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H2M40), M50x1.5 (H3M50)         H4x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)         H5x       Threaded hole position H5, diameter: M40x1.5 (H3M40), M50x1.5 (H4M50)         H5x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R1x       Threaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R1M50)         R2x       Threaded hole position R3, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M40x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread       Grounding thread, diameter: M10 (Other sizes on request)         Color options       Color opt	Pilot contact	
Locking device         V0       Without locking device         VL       Locking device left         VR       Locking device right         Thread position rear	P <b>0</b>	Without pilot contact
V0       Without locking device         VL       Locking device left         VR       Locking device right         Thread position rear	P <b>1</b>	With pilot contact
VL       Locking device left         VR       Locking device right         Thread position rear	Locking devi	ce
VR       Locking device right         Thread position rear	-	
Thread position rear         H1x       Threaded hole position H1, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)         H2x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)         H4x       Threaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5x       Threaded hole position H5, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M40x1.5 (R2M25)         Threaded hole position R3, diameter: M40x1.5 (R1M40), M50x1.5 (R3M50)         Threaded hole position R3, diameter: M40x1.5 (R2M25)         R3x       Threaded hole position R3, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M40x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread	VL	Locking device left
H1xThreaded hole position H1, diameter: M40x1.5 (H1M40), M50x1.5 (H1M50)H2xThreaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)H3xThreaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)H4xThreaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)H5xThreaded hole position H5, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)H5xThreaded hole position R1, diameter: M40x1.5 (H1M40), M50x1.5 (R1M50)R1xThreaded hole position R2, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)R2xThreaded hole position R2, diameter: M40x1.5 (R2M25)R3xThreaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)Thread position leftL1xThreaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)L2xThreaded hole position L2, diameter: M40x1.5 (L2M25)L3xThreaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)Grounding threadEM10Grounding thread, diameter: M10 (Other sizes on request)Color options	VR	Locking device right
H2x       Threaded hole position H2, diameter: M40x1.5 (H2M40), M50x1.5 (H2M50)         H3x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)         H4x       Threaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5x       Threaded hole position H5, diameter: M25x1.5 (H5M25)         Thread position right	Thread posit	ion rear
H3x       Threaded hole position H3, diameter: M40x1.5 (H3M40), M50x1.5 (H3M50)         H4x       Threaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5x       Threaded hole position H5, diameter: M25x1.5 (H5M25)         Thread position right	H1 <b>x</b>	Threaded hole position H1, diameter: M40x1.5 (H1 <b>M40</b> ), M50x1.5 (H1 <b>M50</b> )
H4x       Threaded hole position H4, diameter: M40x1.5 (H4M40), M50x1.5 (H4M50)         H5x       Threaded hole position H5, diameter: M25x1.5 (H5M25)         Thread position right	H2 <mark>x</mark>	Threaded hole position H2, diameter: M40x1.5 (H2 <b>M40</b> ), M50x1.5 (H2 <b>M50</b> )
H5x       Threaded hole position H5, diameter: M25x1.5 (H5M25)         Thread position right	H3 <b>x</b>	Threaded hole position H3, diameter: M40x1.5 (H3 <b>M40</b> ), M50x1.5 (H3 <b>M50</b> )
Thread position right         R1x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M25x1.5 (R2M25)         R3x       Threaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)         Thread position left         L1x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M25x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread         EM10       Grounding thread, diameter: M10 (Other sizes on request)         Color options	H4 <b>x</b>	Threaded hole position H4, diameter: M40x1.5 (H4 <b>M40</b> ), M50x1.5 (H4 <b>M50</b> )
R1x       Threaded hole position R1, diameter: M40x1.5 (R1M40), M50x1.5 (R1M50)         R2x       Threaded hole position R2, diameter: M25x1.5 (R2M25)         R3x       Threaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)         Threaded hole position R3, diameter: M40x1.5 (R1M40), M50x1.5 (R3M50)         Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L1x       Threaded hole position L2, diameter: M40x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread         EM10       Grounding thread, diameter: M10 (Other sizes on request)         Color options	H5 <b>x</b>	Threaded hole position H5, diameter: M25x1.5 (H5 <b>M25</b> )
R2x       Threaded hole position R2, diameter: M25x1.5 (R2M25)         R3x       Threaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)         Thread position left	Thread posit	ion right
R3x       Threaded hole position R3, diameter: M40x1.5 (R3M40), M50x1.5 (R3M50)         Thread position left	R1 <b>x</b>	Threaded hole position R1, diameter: M40x1.5 (R1 <b>M40</b> ), M50x1.5 (R1 <b>M50</b> )
Thread position left         L1x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M25x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread         EM10       Grounding thread, diameter: M10 (Other sizes on request)         Color options		
L1x       Threaded hole position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50)         L2x       Threaded hole position L2, diameter: M25x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread         EM10       Grounding thread, diameter: M10 (Other sizes on request)         Color options	R3 <b>x</b>	Threaded hole position R3, diameter: M40x1.5 (R3 <b>M40</b> ), M50x1.5 (R3 <b>M50</b> )
L2x       Threaded hole position L2, diameter: M25x1.5 (L2M25)         L3x       Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50)         Grounding thread         EM10       Grounding thread, diameter: M10 (Other sizes on request)         Color options	Thread posit	ion left
L3x Threaded hole position L3, diameter: M40x1.5 (L3M40), M50x1.5 (L3M50) Grounding thread EM10 Grounding thread, diameter: M10 (Other sizes on request) Color options		
Grounding thread EM10 Grounding thread, diameter: M10 (Other sizes on request) Color options		
EM10 Grounding thread, diameter: M10 (Other sizes on request) Color options	L3 <b>x</b>	Threaded hole position L3, diameter: M40x1.5 (L3 <b>M40</b> ), M50x1.5 (L3 <b>M50</b> )
Color options	Grounding t	nread
	E <b>M10</b>	Grounding thread, diameter: M10 (Other sizes on request)
RAL <b>9005</b> Deep Black	Color option	
	RAL <b>9005</b>	Deep Black

#### RAL**7023** Concrete Gray

(Other colors on request)



# **UIC 552 M1 SERIES CABLE JUNCTION BOX (KAK)**



### **Product info**

Our robust cable junction box serves as a reliable interface for the easy and permanently safe connection of cables.

### Installation

The cable junction box is mounted below the chassis. A terminal strip for the cable connection is integrated inside, which is accessible via the cover, which is screwed on from the outside.

Deep Black, RAL 9005



0

0

8

400



205

225



# UIC 552 M1 SERIES CABLE JUNCTION BOX (KAK)

### **Options threaded holes**



(Other thread diameters on request)

### Grounding thread (E)



# Size options:

M8 (standard) (Other thread diameters on request)



# UIC 552 M1 SERIES CABLE JUNCTION BOX (KAK)

### Order options and key

#### Note

Due to the high variation possibilities in the assembly of the cable junction box, the order key is generated for you by our sales team – this way it is possible to work out the best product and the most reasonable alignment for you. Please contact us.

	UIC552-M <sup>-</sup>	1-KAK-H	1 <mark>x-H2x-L1x</mark> -	L2x-EM8
<b>Type</b> UIC 552-M1				
Product —				
КАК	Cable junction box			
Thread posit	ition rear			
H1 <b>x</b> H2 <b>x</b>	Threaded position H1, diameter: M40x1.5 (H1 <b>M40)</b> , M50x1.5 (H1 <b>M5</b> Threaded position H2, diameter: M40x1.5 (H2 <b>M40)</b> , M50x1.5 (H2 <b>M5</b> (Other sizes on request)			
Thread posit	ition left			
L1 <b>x</b>	Threaded position L1, diameter: M40x1.5 (L1M40), M50x1.5 (L1M50			
L2 <b>x</b>	Threaded position L2, diameter: M40x1.5 (L2 <b>M40)</b> , M50x1.5 (L2 <b>M50</b> (Other sizes on request)	)		
Grounding t E <mark>M8</mark>	thread Grounding thread, diameter: M8 (Other sizes on request)			

#### **Color options**

RAL <b>9005</b>	Deep Black	
RAL <b>7023</b>	Concrete Gray	
	(Other colors on request)	



# UIC 552 M1 SERIES JUNCTION BOX (AZK)



# face to connect cables between cable junction boxes and other cables for power

cables.

**Product info** 

transmission. Optional with flange (F): Enables the assembly of pre-assembled

Our junction box serves as a reliable inter-





### Grounding thread (E)

Grounding thread is located both on the right, as well as on the left side.

### Size options:

M12 (standard) (Other sizes on request)





## Flange option (F)

The junction box is available with (F1) and without flange (F0).





# UIC 552 M1-SERIE JUNCTION BOX (AZK)

### Order options and key

### Note

Due to the high variation possibilities in customization, the junction box (AZK) of the UIC 552 series M1 will be adapted according to your requirements – we will work out the technical product design together with you in order to produce the best product for you.

#### Example:

UIC 552 M1 junction box with flange and M50 thread in RAL 7023 (Concrete Gray)

#### Type UIC 552 M1 Product AZK Junction box -Flange FO Variant without flange F1 Variant with flange (Enables mounting of pre-assembled cables in the AZK) Thread M40x1.5 Thread size M40 Thread M50x1.5 flange M50 (Other thread sizes on request) Grounding Grounding thread, -EM12 thread diameter: M12 (Other sizes on request)

Color options RAL9005 Deep Black RAL7023 Concrete Gray (Other colors on request)

#### UIC552-M1-AZK-F1-M50-EM12



# UIC 552 M1 SERIES DUMMY RECEPTACLE (BDO)



### **Product info**

For long-lasting functionality, our proven dummy receptacle serves as a receptacle for the plug in order to protect it from unwanted external influences when not coupled.

#### Installation

The plug is locked in the dummy receptacle via a bayonet lock.

UIC 552 M1 dummy receptacle: Deep Black, RAL 9005

### Option locking device (V)

The dummy receptacle is available with (V1) and without (V0) a locking device.









# UIC 552 M1 SERIES DUMMY RECEPTACLE (BDO)

## Order options and key

#### Example:

UIC 552 M1 dummy receptacle with locking device

Туре	UIC552 M1 —		UIC552-M1-BDO-V1
Product	BDO	Dummy receptacle according to UIC 552 VE $$	
Locing device	V0 V1	With locking device Without locking device	
Color options	RAL9005 RAL70238 (Other colors or	Deep Black Concrete Gray n request)	

#### Accessories

#### DESIGNATION

Steel key

DESCRIPTION

Key for UIC 552 locking device

ARTICLE NO.

124253



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