

Configuration Examples

Series LRG

Solid Rubber Cable Reels

with overheating protection
1 pol. / 3 pol.



Number	Output	Sockets	Cable	Length Meters	Cross-Section mm ²	Plugs	Order No.
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4 sockets with earthing contact (no fig.)			60	3 G 2.5	with earthing contact	4G02203
2 CEE 400V 16A 5p. and 3 sockets with earthing contact			50	5 G 2.5	CEE 400V 16A 5p.	4G01107



1 CEE 400V 32A 5p. and 1 CEE 400V 16A 5p. protected with 1 C-Autom. 3p. and 3 sockets with earthing contact protected with 3 B-Autom. 1p. 1 residual-current circuit breaker RCD Type A I _n =40A I _{Δn} =30mA 4p.			40	5 G 6.0	CEE 400V 32A 5p.	4G53324
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1 CEE 400V 32A 5p. - waterproof - and 2 CEE 400 V 16A 5p. - waterproof - protected with 2 C-Autom. 3p. and 1 socket with earthing contact - water-pressure-tight - protected with 1 B-Autom. 1p.			40	5 G 6.0	CEE 400V 32A 5p. - waterproof -	4G43332
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5 CEE 42V 16A 2p.			80	2 G 4.0	CEE 42V 16A 2p.	4G01132
4 CEE 42V 16A 2p.			50	2 G 4.0	CEE 42V 16A 2p.	4G01114
4 CEE 24V 16A 2p.			50	2 G 4.0	CEE 24V 16A 2p.	4G01112



– other models on request / subject to modification and errors –

ELSPRO Solid Rubber Cable Reels Series LRG

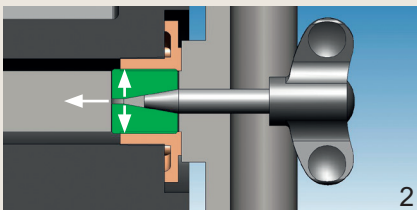
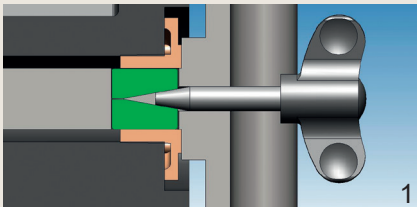


Back-friendly, bilateral transport by two people

Testing standard GS-ET-35 specifies that the overall mass of a cable reel being appropriately transported by one person without auxiliary means cannot exceed 25 kg!

The following apply as well:

- Directive 90/269/EWG
- Load Handling Regulation (LasthandhabV)
- German Occupational Safety Act (ArbSchG)
- DIN EN 1005-2 „Safety of machinery - Human physical performance - Part 2: Manual handling of machinery and component parts of machinery“
- BGHM-I 101 (BGI 523)
- Exposure Limit Values 2019 – Safety and Health in the Workplace (IFA Report 1/2019)



Principle of the Inside Brake:

- The wing screw has a tapered tip that rests between the two brake blocks (see fig. 1).
- By screwing in the wing screw, the brake blocks are pressed apart (see fig. 2) and exert force on the nylon bearing bush, which in turn is tightly connected to the rubber reel body.
- Braking pressure can be continually increased by turning the wing screw.
- If the wing screw is turned back, then pressure on the brake is reduced and the brake blocks return to their original position.

Meets various special requirements where an interior brake is necessary on cable reels, e.g., German Federal Agency for Technical Relief (THW), German Red Cross (DRK), etc.



ACCESSORIES:

- Stainless-steel trolley with solid rubber wheels and rubberized handle

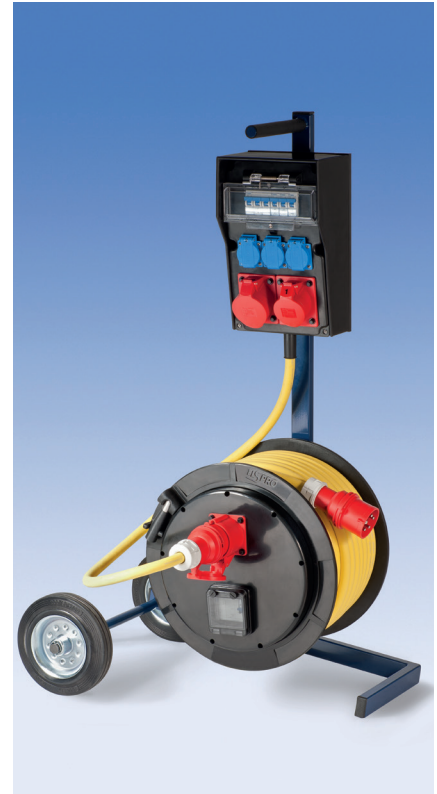
Order No.

JOG48

Even 40 kg can be moved effortlessly:
hook up – tilt – ready to go

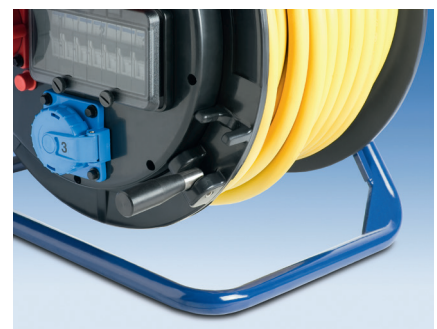
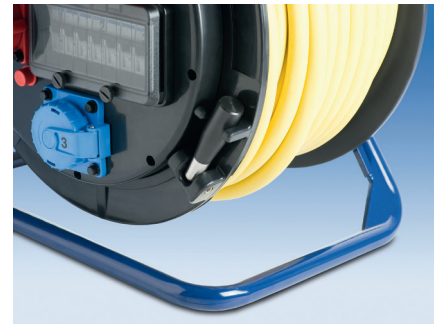


Number	Output	Sockets	Cable Length	Meters	Cross-Section	mm ²	Plugs	Order No.
1	CEE 400V 32A 5p. with 1 residual-current circuit breaker RCD Type A $I_n=40A$ $I_{\Delta n}=30mA$ 4p.		40		5G6.0		CEE 400V 32A 5p.	4813301
on the frame:								
1 solid rubber wall-mounted distribution box with feed cable and plug								
1 CEE 400V 32A 5pol. and 1 CEE 400V 16A 5pol. and 3 earthing contact sockets protected with 1 C-Autom. 3p. 3 B-Autom. 1p.								



Characteristics and Special Features:

- A foldable rotary handle for easy reeling in of the cable
- large solid rubber front panel with integrated rubber seal and eight lid screws made of V2A steel with an M4 thread
- wear-free nylon bushing guarantees easy and even running of the reel body along the axis
- robust and sturdy tubular carrying frame, fashioned from a single piece of metal and powder-coated
- favorable center of gravity and the ergonomic handle foster high carrying comfort
- conforms to VDE 0623-100, DIN EN 61316
- carrying handle, rotary handle, and reel body made of insulating material according to DGUV 203-006 / 203-004
- for models with three-phase sockets, the 3 pol. overheating protection runs via an interior power contactor
- for models with a residual-current circuit breaker (RCD), deactivation due to overheating is carried out by the RCD



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