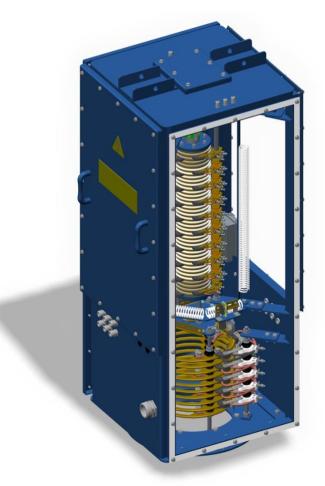


MYour specialist for slip ring assemblies for use in cranes and cable reels for excavators, heavy machinery and conveyor systems



We offer:

- Project planning, new construction, and conversion according to your specifications or joint technical design on request
- Regular maintenance service
- Modernisation of your systems and repairs
- Immediate assistance in the event of a fault, even with units from other manufacturers
- Spare parts service



Slip ring assemblies from EGB

in continuous use in industry: in crane systems, conveyor systems, opencast mining equipment and heavy machinery worldwide –

Our slip ring assemblies are technologically mature and proven transmission systems for power, control signals and data for mobile consumers. In combination with a cable reel, they are the first choice and the perfect technical solution for reliable power and data supply in a wide range of industrial applications.



Quality details and product features of our slip ring assemblies

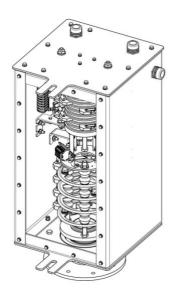
Reliable transmission up to 1,200 A/36 kV, data rates up to 100 Mbit/s thanks to **encapsulated slip ring assemblies**

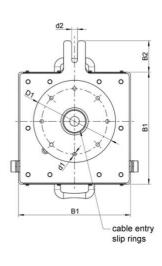
Can be combined for the **transmission of various media**, in particular **with fibre optic cables (FO)**

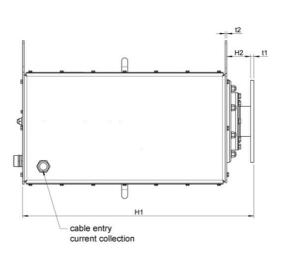
Long service life thanks to wear-free, reliable and highly efficient components and therefore **low maintenance cycles.** Completely removable cover for optimum freedom of movement during maintenance work

Robust design for 24/7 operation in all weathers. Internal thermally controlled heating for every application

Optimum corrosion protection even under the most aggressive environmental conditions: high-quality corrosion protection in hot-dip galvanised or stainless steel design

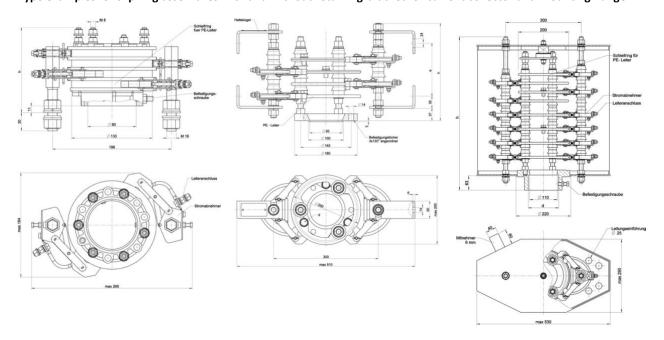








Type examples for slip ring assemblies with and without retaining bracket for current collector and mounting flange



Product features of our motorised cable reels

- Wide, spiral or wild-wound reel bodies
- Realisable cable pull-off length of up to 3,000 m, depending on cable diameter and cross-section
- Can be realised in combination with a rotary feed-through for hoses for transferring liquid or gaseous media
- Protection class: IP 55 (standard) to IP 65, higher protection classes on request
- Can be combined with all common motor drives
- High operational reliability even with vibrations and extreme temperatures or temperature fluctuations as well as extreme acceleration forces

Accessories for motorised cable reels

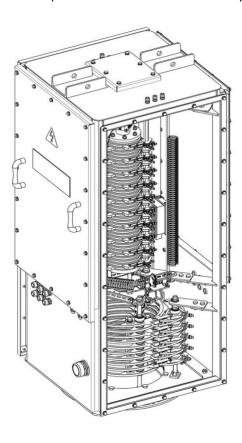
- Strain relief reel and cable pulling grips: to absorb tensile forces at the cable infeed and protect the cable
- Spooling devices: spindle- or chain-driven, these ensure that the cable is wound or unwound in an orderly manner on the reel body
- Cable and reel deflection: deflection of the cable routing
- Cable support rollers and guide roller pieces: Supporting the cable over a distance
- Cable lever frames: for moving the cable during trailing cable operation
- Geared cam limit switch: to monitor the operating states, reel "full" and "empty", overrun of the feed point
- Tear rope switch: for monitoring loose windings
- Heater: recommended for extreme temperatures or temperature fluctuations to prevent condensation
- Protective roofs: protection against external influences



EGB, from the idea to the realisation - everything from a single source

Whether project planning and original equipment, modernisation, maintenance or repair, as a system supplier EGB offers its customers a comprehensive all-round service with expert advice.

With almost 100 years of experience in development, production, installation and commissioning, we are the right partner to realise your projects. Our slip ring assemblies and cable reels are just a small selection from our extensive portfolio of products for the harbour and heavy industry.





Visit us at: www.egb-be.de or meet us in person:
Ludwig-Hupfeld-Straße 6
04178 Leipzig, Germany
+49 341 44 81 0







Examples of standardised devices - manufactured according to customer requirements

Specification Table Slip-Ring Assembly without Protection Cap

Model	Rated Voltage (V)	Rated Frequency (Hz)		mber of Slip ri vithout PE-Rin 200 A		d	е	h max value	Weight kg/unit (approx.)
			3					130	4
Α			7	-	-	-	-	200	6,5
			10					250	8,5
				3			156	265	12
		50, 60		6		M 8	261	360	17
	660 V ~			9			366	475	21
	220 V -			11	<u>-</u>		436	545	24
В			-	15			576	685	30
				17			646	755	33
					3		218	356	15
				-	6	M 12	387	525	21
	for Ordering Clin		14200(A)		9		556	688	29

Example for Ordering: Slip-Ring Assembly B 11 x 200(A)

Specification Table for Cable Reel Slip-Ring Assemblies

Model	Rated Voltage (V)	Rated Frequency (Hz)	Number of Slip rings (without PE-Ring) 160 A 400 A		е	I	Weight kg/unit (approx.)
C	6				146	637	43
C	10	50, 60	3	3	202	806	47
D	30				-	-	1370

Example for Ordering: Slip-Ring Assembly B 11 x 200(A)



Specification Table Slip-Ring Assembly without Protection Cap

Model	Rated Voltage (V)	Rated Frequency (Hz)	Number o (without 200 A	f Slip rings PE-Ring) 400 A	D H 7 (Fit)	h max value	Weight kg/unit (approx.)
	660 V ~	1 50.60	3	-		376	24,7
			-	3		467	31
			7	-	_	488	31
			3	4	125 or 160	607	37
			9	-		544	35
			5	4		663	40
			13	-		656	42
D			9	4		775	47
Б	220 V -		17	-		768	49
			13	4		887	52
			21	-		880	56
			17	4		999	57
			25	-		992	62
			21	4		1111	63
			27	-		1048	66
			23	4		1167	67

Example for Ordering: Slip-Ring Assembly D 17 x 200(A) - 4 x 400(A)



Information for enquiries about slip ring assemblies

Technical data:					
	Ring group 1	Ring group	Ring group 3	Ring group 4	Ring group 5
Rated current	A	A	A	A	A
Rated voltage	V	V	V	V	V
ū	O AC O DC	O AC O DC	O AC O DC	O AC O DC	O AC O DC
Duty cycle	% ED	% ED	% ED	% ED	% ED
Number of rings	+ PE	+ PE	+ PE	+ PE	+ PE
Pre-wiring	m mm²	m mm²	m mm²	m mm²	m mm²
Usage: (please tid	ck or add as appropria	te)			
	O Main current O Auxiliary current	O Main current O Auxiliary current			
	O Control signals	O Control signals	O Control signals	O Control signals	O Control signals
	O Phone/video	O Phone/video	O Phone/video	O Phone/video	O Phone/video
	signals	signals	signals	signals	signals
	O Measuring	O Measuring	O Measuring	O Measuring	O Measuring
	signals	signals	signals	signals	signals
	O data < 100 Mbit	O data < 100 Mbit	O data < 100 Mbit	O data < 100 Mbit	O data < 100 Mbit
	O Fibre optic	O Fibre optic	< 100 Mibit O Fibre optic	O Fibre optic	< 100 MBR
	cable (FO)	cable (FO)	cable (FO)	cable (FO)	cable (FO)
	O	O	O	O	O
O. Th			O	O	· · · · · · · · · · · · · · · · · · ·
O Inermostatical Protection level	ly controlled heatin O IP 00	g) IP 43 O IP	54 O IP 55	O IP 65	O IP
					_
-			Environmental med		
-		•			••••••
max. dimension (•		mm x	mm	
Free inner diamet	ter (e.g. for a suction p	oipe or a column)	••••	mm	
Should the slip rin	ng assembly be retro	ofitted around a col	umn (separable ring	gs)?	O yes O no
Cable feed-throug	ghs to the slip rings				
x M 12,	. x M 16, x M	20, x M 25,	x M 32,	. x M 40, x M	50, x M 63
	ghs to the current co				
	=		x M 32,	. x M 40 x M	150 x M 63
x 22,	20, X		X 101 G2,	. x	
Further informati	on / Accessories:				
			lease contact our H		
	-	_	ael hirsch@egh-he		

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