



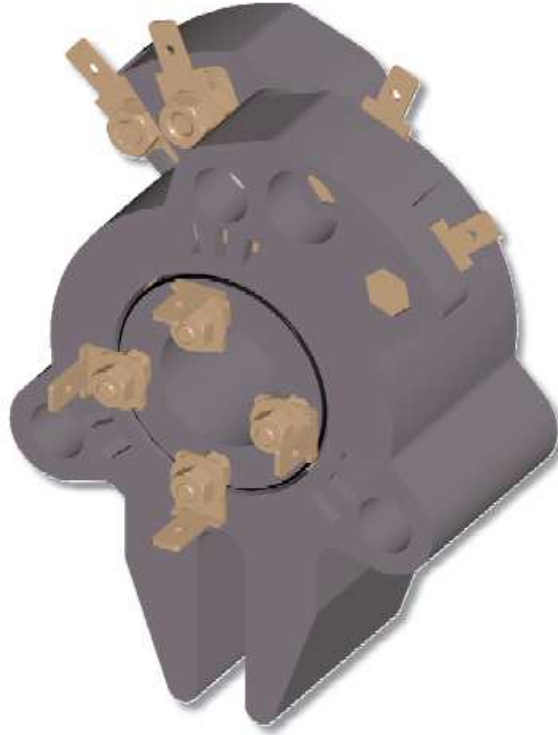
İMAJ TEKNİK
ELEKTRİK ELEKTRONİK MALZ. SAN. VE TİC. LTD. ŞTİ



BAGLANTI NOKTANIZ...

İMAJTEKNİK

10A



10A SLIP RING COLLECTOR

Slip ring collectors are sets of rings coupled with brushes designed to allow current to pass from a fixed to a rotating part.

The 10A series is used mainly on small jib cranes and it has only 4 rings.

These units are suitable only for transmitting currents with 50/60Hz supply frequency.



10A SLIP RING COLLECTOR

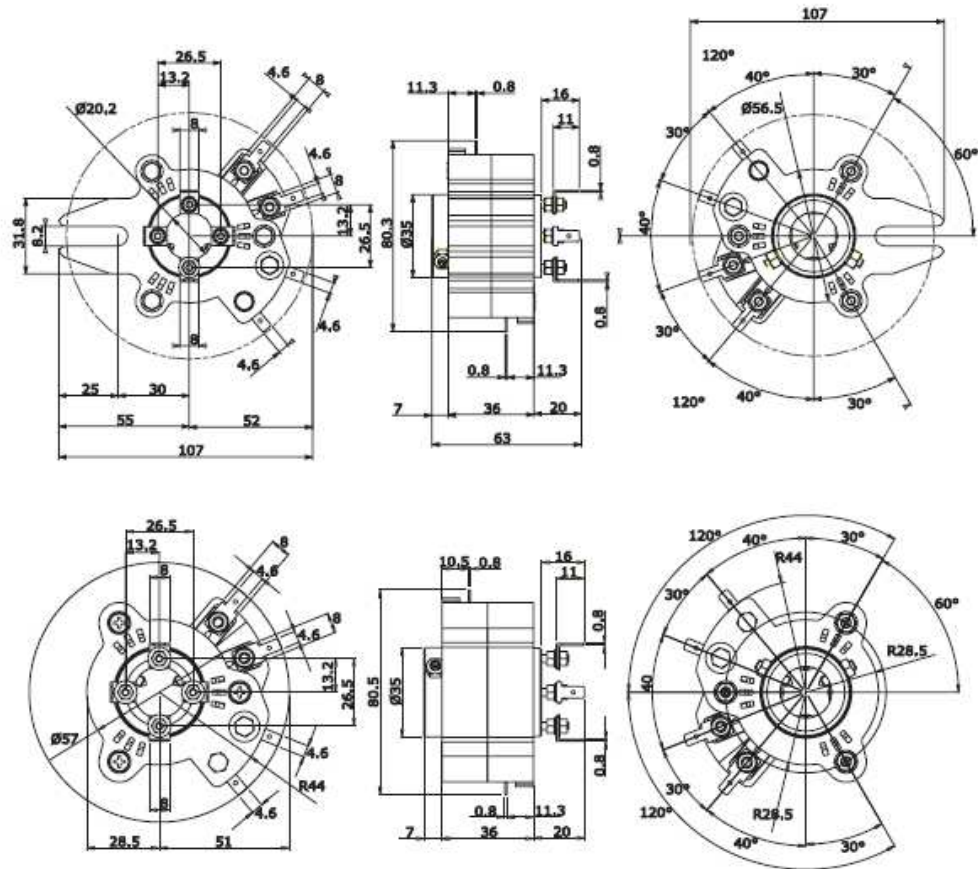
TECHNICAL SPECIFICATIONS

Conformity to Community Directives	2006/95/CE	
Conformity to Standards	EN 60204-1 EN 60309-1 EN 60529	
Ambient temperature	Storage	-40°C/+70°C
	Operational	-25°C/+70°C
Protection degree	IP 00	
Insulation category	Class I	
Operating positions	Any position	
Markings	CE	

ELECTRICAL SPECIFICATIONS

Rated operational current	10 A
Rated operational voltage	400 V
Rated insulation voltage	660 V
Mechanical life	Max. 3 turns/min
Connections	Faston
Markings	CE

OVERALL DIMENSIONS



STANDARD CODES

Code	
PF21270100	Slip ring collector with driving slot
PF21270200	Slip ring collector without driving slot
PF21270101	Slip ring collector with Ø 40x30mm flange

USE AND MAINTENANCE INSTRUCTIONS

The slip ring collector 10A is an electromechanical device for low voltage voltage control circuits (EN 60947-1, EN 60947-5-1) for use as electric equipment on machines (EN 60204-1) in compliance with the essential requisites of the Low Voltage Directive 2006/95/CE and the Machine Directive 98/37/CE.

The collector is designed for use in industrial environments with even very severe climatic conditions (working temperatures from -25°C to +70°C and is suitable for use in tropical environments). The equipment is not suitable for use in environments with a potentially explosive atmosphere, in the presence of corrosive agents or high percentage of sodium chloride (saline mist). Contact with oil, acids and solvents may damage the equipment.

We recommend cleaning the device during routine maintenance to remove the residues of metallic dust that may deposit on it.

After about 250 working hours clean the rings and contacts.

Installation

Fasten the stator (or fixed part) using the C iron found on the piece; make sure it is securely in place and cannot be moved by vibrations and/or impact.

Fasten the rotor (or mobile part) on a cylindrical structure (max diameter 19.5mm) using the two dowels and a 2 mm hexagonal wrench to tighten the counternuts.

Proceed to wire the fast-ons for the three phases and ground wire referring to the letters on the fixed and mobile part. We recommend using fast-ons with insulated body.

Make sure that during rotation the fast-ons do not interfere with passive and/or active parts of the machine and that the wires do not become entangled.

Maintenance

NOTE: the product has a degree of protection IP00, therefore before operating in the vicinity of it make sure the part is electrically isolated!

The collector does not require any operations of maintenance, lubrication and/or greasing.

At least once a year check the mechanical fastenings of the fixed part and make sure the rotor is securely fastened and the electric wires are in good condition.

Make sure that during rotation the fast-ons do not interfere with passive and/or active parts of the machine and that the wires do not become entangled.

Keep the product free of dust and dirt and make sure the plastic parts are in perfect conditions: in case of any breakage and/or deterioration replace the product.

Any change to parts of the collector will invalidate the rating plate data and identification of the device, and render the warranty null and void. In case of replacement of any part, use only original replacements.

TER is not liable for damages caused by improper use of the device and installation which is not made correctly.



10A SLIP RING COLLECTOR

