

Geared Motors with CAGE-CLAMP® Technology

All motors up to 30 kW



UL – Underwriters Laboratories USA



CSA – Canadian Standard Association Kanada



Bundesrepublik Deutschland



SEV - Schweizerischer Elektrotechnischer Verein Schweiz



KEMA – N.V. tot Keuring



van Elektrotechnische Materialien Niederlande



Norges Elektriske Materialkontroll Norwegen



SEMKO – Svenska Elektriska Materielkontrollanstalten AB Schweden



DEMKO -Danmarks Elektriske Materielkontrol



SETI -



RosTesT



GUS – Register of Shipping



CSM - Departamentul Moldowastandard



Stowarzyszenie Elektrykow Polskich



PRS – Polski Rejestr Statkóv



FTZU – Fyzikálne Technický Zkusební Ústav Ostrava-Radvanice



BKI – Robbanàsbiztos Villamos Berendezések



BV – Bureau Veritas



LR – Lloyd's Register of Shipping Großbritannien



NV – Det Norske Veritas Norwegen



KR - Korean Register of Shipping





The electrical connection of gear motors is time consuming and creates costs, which cannot be neglected both during initial installation and in service cases.

These costs are reduced considerably by the use of BAUER Geared Motors, as the standard design of motors up to 30 kW also in explosion protection design is supplied with CAGE CLAMP® connection technology instead of the conventional terminal block – and that without extra charge.

What are the advantages for you?

Cost reduction during connection

 Public timing tests have confirmed, that the electrical connection of a cable by means of CAGE CLAMP® technology saves up to 75% working time compared with the classic screw connection. More savings can be seen when connecting a gear motor with the classical terminal block.



Simple Handling

- Cable connection from the top
- Very easily accessible
- The CAGE CLAMP® spring is pressed, and the cable inserted from the front, i.e. in the field of vision of the installation engineer

Which cable core diameters?

 Suitable for all copper wires from 0.5 mm² to 16 mm² (flexible wire up to 25 mm²)

Cost saving in material and tooling

- Multicore cable ends, cable eyes or cable ring eyes are no longer needed
- Tools such as crimping pliers are no longer needed
- Inadvertently over tightening or breaking of the terminal bolts and the procurement of a new terminal block belong to the past
- Searching and procurement of nuts and washers for the terminal blocks, which have fallen down, also belongs to the past

Vibration and shock resistant

- Vibration and shock result neither in conductor damage nor in a measurable contact interruption
- The connection is service free

Type of conductors

• The CAGE CLAMP®-connector can clamp the following copper wires:

Fine stranded

Crimped

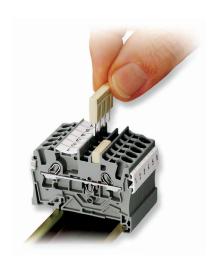


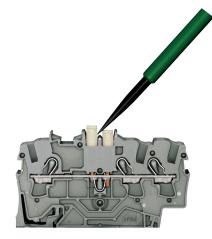
Solid

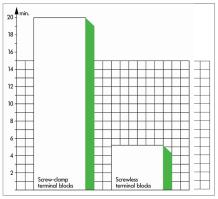


Connector strip

• Easy-to-fit-connector allows rapid change from star - delta.







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