



Questionnaire for selection of explosion-proof mine electric motors of series AIU

Name of the organisation: _____

Address: _____

Contact name: _____ Tel. /Fax _____

Required motor rating:

Connection voltage Δ/Y _____ B Time rating _____

Power frequency _____ Hz Mounting style _____

Power _____ kW Insulation class of stator winding _____

Number of revolutions _____ rev/min Protection mode _____

Design current _____ A Rotation axis height _____

Power efficiency _____ % _____ Cos

Operating mechanism type and transmission way (block, reducing gear, muff)

Locked rotor current ratio _____

Starting torque-to-nominal torque ratio _____

External environment

Environment temperature - _____ / + _____ C humidity _____ % a.s.l.height _____ m

Installation process: indoor _____ outdoor _____

Atmoshere: normal corrosive _____ explosive _____

Starting method: direct connection _____ winding changeover from Y to A
conversion transducer _____ main start device _____

While conversion transducer operation:

Depth control of speed _____

Cooling action: self-ventilation _____ artificial ventilation _____

Shaft speed/position sensor (encoder): is needed _____ is not needed _____

Explosion protection: is not needed _____ 1ExdllBT4 _____ PBExdl _____
Class of room for explosion protection _____

Additional information:

Temperature control (presence of embed detector): is needed _____
is not needed _____

Connection box position: from above _____ on the right _____
on the left _____ other position _____

Other information: _____

Number of ordered engines _____ items

A correctly filled configuration data sheet with the maximum content of information will allow you to select the optimal electric motor for you in the shortest possible time