

# Instructions – Roller Shutter Motor RADIO

Simple control via radio, with integrated timer.



	13 Nm Maxi	20 Nm Mega	40 Nm Ultra
Torque:	13 Nm	20 Nm	40 Nm
Rotational speed:	14 rpm	15 rpm	15 rpm
Output:	121 W	145 W	198 W
Limit switch range:	41 rev.	22 rev.	22 rev.
Current:	0.53 A	0.64 A	0.86 A
Traction:	30 kg	40 kg	70 kg
Nominal voltage:	230 V/50 Hz		
Weight:	1.8 kg	2.4 kg	2.7 kg
Outer diameter:	35 mm	45 mm	45 mm
Square bolt:	10 x 10 mm; length 13 mm		
Dimension to be deducted:	21 mm	21 mm	21 mm
Insertion depth:	581 mm	602 mm	631 mm
Overall length:	615 mm	636 mm	665 mm
Octagonal shaft:	40 mm	60 mm	60 mm
Connection cable:	2.5 m		

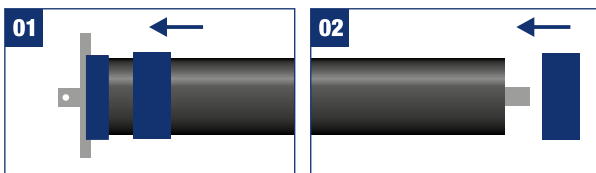
Product name	PU	Item no.
blaugelb Roller Shutter Motor RADIO 13 Nm Maxi	1 piece	9084793
blaugelb Roller Shutter Motor RADIO 20 Nm Ultra	1 piece	9084794
blaugelb Roller Shutter Motor RADIO 40 Nm Mega	1 piece	9084795

## Note:

When mounting the blaugelb Roller Shutter Motor, select only approved mounting material according to the material of walls or boxes and adjust accordingly. The thermal expansion of the shaft must also be taken into account here and 1-2 mm clearance must be allowed for the expansion. The Roller Shutter Motors of the RADIO series must not be connected in parallel without the appropriate accessories.

## Preparation

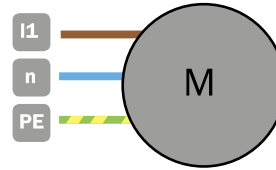
Before installing the roller shutter motor, it must be connected with the appropriate adapter set (corresponding to the winding shaft). To do this, first push the limit switch driving ring up to the motor head. Make sure that the groove is aligned. The motor coupling can then be fitted onto the roller shutter motor axle and secured.



When mechanically fastening the blaugelb Roller Shutter Motor, always ensure that it is correctly and securely seated in order to prevent possible injuries and malfunctions. The appropriate blaugelb Motor Mount must also always be fitted according to the respective installation situation:

- Insert roller shutter motor into motor mount and secure
- Connection cable always points downwards
- Limit switches must be easily accessible
- Always install the roller shutter motor horizontally (with spirit level)

## Connection:



All cables must be protected and routed permanently. It must be ensured that the connection cable is always routed with a loop downwards in order to allow any condensation to drain off.



Do not kink the cables and always route them in such a way that they cannot be affected or damaged by moving parts. All switches and buttons used must have mutually locked outputs. Please also always follow the instructions of the respective blaugelb controller in this regard.

## Setting the end positions:

The end positions can be easily set using the adjustment tool supplied. For this purpose, the tool is simply inserted into the corresponding set screw and moved in the indicated direction of rotation.

The **adjusting screw +** extends the travel of the roller shutter curtain, the **adjusting screw -** reduces it. This enables precise end position setting of the blaugelb Roller Shutter Motors of the RADIO series. Setting is only possible when installed.