



## BG230 Operating Unit

Programming unit for safety devices DS230/DS240, including frequency and speed indicator

- Touchscreen with intuitive navigation
- 1.54" OLED Display (128 x 64 pixel)
- Simple parameterization of motrona safety devices
- Editing, saving and loading of parameters
- Dual channel frequency indicator
- Individual scalable process or speed indicators

| Technical Specifications: |                                                                       |                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:             | Input voltage:<br>Protection:<br>Power consumption:<br>Connection:    | directly via a motrona safety<br>mechanical polarity protection<br>approx. 100 mA<br>8 position pin-strip                                                                                         |
| Display elements:         | Display:<br>Resolution:<br>Brightness:                                | 1.54" OLED display<br>128 x 64 pixels<br>digitally adjustable (99 steps)                                                                                                                          |
| Operating elements:       | Keypad:<br>Miscellaneous:                                             | touchscreen (6 capacitive touch-fields)<br>key tones (switchable mute)                                                                                                                            |
| Data memory:              | Storage medium:<br>Data retention:                                    | Flash EEPROM<br>1,000,000 cycles                                                                                                                                                                  |
| Housing:                  | Material:<br>Mounting:<br>Dimensions:<br>Protection class:<br>Weight: | front: polycarbonate, black/yellow/clear, rear: polystyrene, black<br>plug-on motrona safety unit<br>50 x 80 x 15 mm / 1.969 x 3.150 x 0.591 " (mounted on safety device)<br>IP20<br>approx. 50 g |
| Temperature range:        | Operation:<br>Storage:                                                | -20 ... +55 °C / -4 °F ... 131 °F<br>-25 ... +70 °C / -13 °F ... 158 °F                                                                                                                           |
| Conformity and standards: | EMC 2004/108/EC:<br>Guideline 2011/65/EU:                             | EN 61000-6-2, EN 61000-6-3, EN 61000-6-4<br>RoHs-conform                                                                                                                                          |