CS 320 2,2 kW



Article

Item no.	Description
185657	**CS 320 2,2 kW** 230 V/1~ with LC display in CS standard housing and 3-series pushbutton in cover, 1,000 mm cable and Schuko plug type F

Scope of delivery

- Control unit CS 320 230 V/1~ with LC display in CS standard housing and 3-fold pushbutton in cover, 1,000 mm cable and Schuko plug type F

Features

Features functions

- 4 programmable relay outputs with 44 functions
- 2 programmable inputs with 27 functions
- Changing the direction of rotation via circuit board push button/display
- Intermediate position programmable (only with AWG)
- Adjustable power limitation in OPEN direction (only with AWG)
- Rotation direction monitoring and detection (only with AWG)
- Integrated gate run counter
- Programmable maintenance alarm (PIN code protected)
- Integrated error memory (readout of all error messages indicating frequency and cycle of last occurrence) only with LCD monitor

Features end position adjustment

- Via mechanical limit switches (MEC) and/or via absolute encoders (AWG)

- Setting via circuit board push button or plug-in LCD monitor

Features operation

- Circuit board push buttons and LEDs for status indication (standard)
- Pluggable LC display with plain text display
- 3-button navigation/status and diagnostic messages

Features structure and connection

- Switchable transformer from 230 V/1~/3~ to 400 V/3~
- Short-circuit proof extra-low voltage
- Illuminated cover keypad (night illumination)
- Housing protection for printed circuit board
- Adjustable, preassembled wall brackets
- Connection for elements of the safety circuit
- Connection for closing edge protection (opto, 8.2 kOhm, pressure wave bar or leading light barrier) in CLOSE direction
- Connection for closing edge protection (8.2 kOhm and opto) in OPEN direction
- Connection for 2 light barriers (2-wire, relay, NPN, PNP) with/without testing
- Connection for wicket door and slack rope switch PL c cat. 2 (8.2 kOhm) with testing according to EN 12453:2017
- Connection for 2 light grid systems with/without testing
- Connection for radar presence detector
- Interface for connecting a frequency converter
- Interface for connecting expansion modules
- Slots for radio module and weekly timer
- Slot for 2-channel radio transmission system for wireless signal transmission of closing edge system and/or safety circuit
- Control of the magnetic brake via relay output
- For operators with externally switched brake, a brake monitoring module is additionally installed (BWM1)
- Supply for external devices (24 V-DC/500 mA and 230 V-AC/1 A)

Features Optional

- LCD monitor with plain text display
- MS-Bus extension module two-way traffic control
- MS-Bus extension module pull-in safety device
- Integrated main switch
- Customized cover lamination
- Control in steel cabinet
- A second CS 320 can be coupled via MS-BUS in DUO function

Technical data

- Housing type: CS Standard
- Pushbutton in the control cover: Electronic 3-series pushbutton CS
- Function switch in the control cover: Without function switch
- Main switch in the control cover: Without main switch

- Emergency stop in the control cover: Without emergency stop
- Power plug: Schuko plug type F
- Display type: LCD
- Protection class: IP65
- Temperature (min.) [°C]: -10
- Temperature (max.) [°C]: 45
- Temperature (min./max.) [°C]: -10/45
- Operating mode (control): Deadman
- On-site supply: 230 V/1~/50 Hz
- Control voltage [V]: 24 V-DC
- On-site fuse protection (mains operation 230 V /1~) [A]: 10
- Switching current (max.) [A]: 8
- Load capacity Power (max.) [kW]: 2.2
- Width [mm]: 215
- Height [mm]: 275
- Depth [mm]: 190
- Packing width: 220
- Packing height: 175
- Packing depth/length: 350
- Packing weight: 2.474
- Freight forwarding articles: No
- GTIN: 4062434014165
- Customs tariff number: 85371091
- Country of origin 1000: Deutschland
- Garantie: -

Accessories

Item no.	Description
96186	**System connector MS bus** 4-pole, 50 pieces
8050843	**System cable** 4-pole, 50 m
96185	**Crimp tool** for connectors for system cabling and MS bus