

# Overview


## GfA door controls

for GfA ELEKTROMATEN® drives  
with DES digital limit switch or NES mechanical limit switch

WS 900 TS 959 TS 970 TS 971 TS 981



### Designation

For ELEKTROMATEN with limit switch	NES	DES / NES	DES / NES	DES / NES	DES
Suitability for Frequency- / direct inverter ELEKTROMATEN (FI/DU)	-	-	●	●	●
CLOSE / OPEN in hold-to-run mode	●	●	●	●	●
CLOSE in hold-to-run mode / OPEN in self-hold mode	●	●	●	●	●
CLOSE / OPEN in self-hold mode	-	-	●	●	●
Integrated three push button	-	●	●	● <sup>1)</sup>	●
CP <sup>[connection point]</sup> for external three push button [number]	● [1]	● [1]	● [1]	● [1]	● [2]
Digital display	-	●	●	●	●
CP for Emergency STOP switch	●	●	●	●	●
CP for photo cells	-	-	●	●	●
CP for Optical safety edge system	-	-	●	●	●
CP for Safety edge with NO-contact principle 8k2	-	-	●	●	●
CP for Safety edge with NC-contact principle 1k2	-	-	●	●	●
CP for an external radio receiver / cable pull-switch	●	-	●	●	●
Independent, programmable relay contact [number]	-	● [1] <sup>2)</sup>	● [1] <sup>2)</sup>	● [2] <sup>2)</sup>	● [2] <sup>3)</sup>
CP for red or green traffic-lights	-	● <sup>2)</sup>	● <sup>2)</sup>	● <sup>2)</sup>	●
CP for red and green traffic-lights [number]	-	-	-	● [2] <sup>2)</sup>	● [2] <sup>4)</sup>
UBS <sup>5)</sup> module with plug-in-points [number]	-	-	● [1]	● [1]	● [5]
24 V mains supply ratings for external devices	● / 1 A <sup>6)</sup>	-	● / 0,18 A	● / 0,35 - 1 A <sup>7)</sup>	● / 1 A
230 V mains supply ratings for external devices	-	● / 1,6 A	● / 1,6 A	● / 1,6 A	● / 1,6 A
Integrated radio receiver for 434 MHz systems	-	-	-	●	-
Integrated radio transmission system for WSD <sup>8)</sup>	-	-	-	●	-
Intermediate open function	-	-	●	●	●
Automatic closing	-	-	●	●	●
One-way and two-way traffic control	-	-	-	-	●
Air-lock management	-	-	-	-	● <sup>9)</sup>
RWA <sup>10)</sup> function	-	-	-	-	●
Entrapment evaluation	-	-	-	-	●
Suitability for the GfA-Stick 	-	●	●	●	-

1) With lighting system that prompts operator  
2) Relay contact can be used as a traffic-light or as a potential-free contact  
3) Additional five contacts available (via auxiliary SMF module)  
4) Traffic-lights -Inside/Outside- for traffic control  
5) UBS universal command sensor system (see S. 8.091)  
6) Only for versions with a control voltage of 24 V

7) Variants with 0,35 A or 1 A available  
8) Wireless Safety Device - replaces the spiral cable  
9) Function only via optional module available  
10) RWA (smoke and heat extraction function)