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# ANTI-COLLISION SYSTEM

## WIRING TERMINAL STRIPS

The anti-collision system must be connected to terminal strip X of the crane control panel according to the following table:

| Terminals of terminal strip X | Signal  | Description                          |
|-------------------------------|---|--------------------------------------|
| 1-2                           | Contact NO  | Cutoff of slewing to the left        |
| 3-4                           | Contact NF  | White flashlight                     |
| 5-6                           | NO contact  | Cutoff of slewing to the right       |
| 7                             | 0V  | Deceleration of slewing              |
| 8                             | Sortie 4-20 mA  | Deceleration of slewing              |
| 9-10                          | Contact NO  | Deceleration of trolley out movement |
| 11-12                         | Contact NO  | Cutoff of trolley out movement       |
| 13-14                         | Contact NO  | Slewing brake                        |
| 15-16                         | Contact NO<br>Contatto NO                                 | Cutoff of trolley in movement        |
| 17                            | Sortie d'alimentation 24VDC<br>Uscita alimentazione 24VDC | Neutral position                     |
| 18                            | Entrée logique  | Neutral position                     |
| 19-20                         | Contact NO  | Deceleration of trolley in movement  |
| 21-22                         | Contact NO  | Forward traveling movement cutoff    |
| 23-24                         | Contact NO  | Backward traveling movement cutoff   |
| 25-26                         | Contact NO  | Hoisting cutoff                      |
| 27-28                         | Contact NO  | Lowering cutoff                      |
| 29                            | Entrée logique 48VAC ou 24VDC                             | Weathervaning                        |
| 30                            | -   | Fixing                               |

## MEANING OF INTENSITIES MEASURED AT TERMINAL X.8

| Intensity between X7 and X8 | Description                               |
|-----------------------------|---|
| 0 mA                        | No deceleration                           |
| 5 mA                        | Deceleration to the right                 |
| 10 mA                       | Deceleration to the left                  |
| 20 mA                       | Deceleration to the right and to the left |



*Tolerance of intensity measured at terminal X8:  $<+1$  mA.*

For TT2 or MC602 systems, the consistency check must be activated and carried out on a daily basis. Returned to = "TOP TRACING 2" system / Programming – Calibration.

For systems other than TT2 or MC602, the system cutoffs must be redundant by means of an Emergency Stop cutoff wired in series with the Emergency Stop line of the crane (e.g. on BR4-4, BR4-5 or BR4-19).

Systems other than TT2 or MC602 must use their own sensors.

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