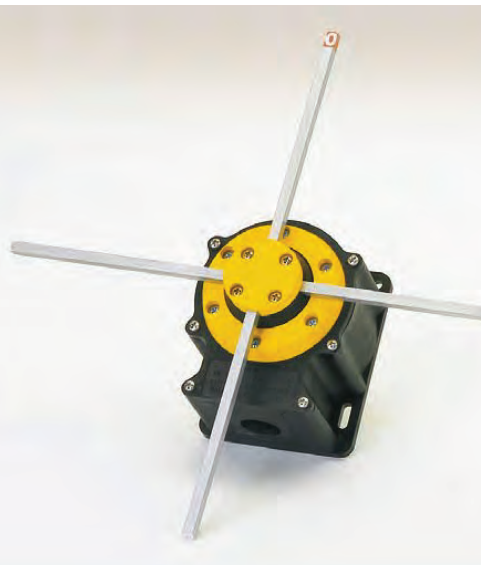


Limit Switches

FCR Cruciform limit switches

SIMBAL Type FCR Cruciform style limit switch is a control circuit switch and is the ideal solution for limiting travel motions on overhead cranes, electric hoists and many other types of travelling machines.

The standard FCR006 model is a 5 position switch suitable for two speed motor control allowing slow down & stop functions. Single speed motor control switches are also available with either 3 or 4 positions.



General Characteristics

- According to IEC/EN 60947-3
- Self extinguishing thermoplastic housing VO uL 94
- IP65 Double insulation IEC/EN60529
- Prepared with aluminum rods 6x300 mm with indicator position "0"
- N°1 Cable entry Ø 22,5
- Ambient temperature : operating -25° +55° C
Storage -30° +70° C

Electrical Characteristics

- According to IEC/EN 60947-3, UL508
- Certifications:
- Rated insulation voltage U_i 690V
- Rated thermal current I_{the} 16A
- Frequency 50/60 Hz
- Rated thermal current: AC-21A – AC-22A 690V-16A
AC-23A – 3x3 230V-13A/4kW
400V-13A/7.5kW
- Rated short circuit withstand current (gG 20A-690V) 5kA

For single speed motor control

Position	Description	Code	Diagram N°
	3 positions with mechanical interlock	FCR001	1
	3 positions with mechanical interlock	FCR002	2
	4 positions - rotary	FCR003	3
	4 positions - rotary	FCR004	4
	4 positions - rotary	FCR005	5

For two speeds motor control

Position	Description	Code	Diagram N°
	5 positions with mechanical interlock	FCR006	6

Limit Switches

FCR Cruciform limit switches

Diagrams

Diagram 1

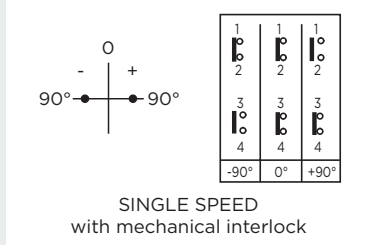


Diagram 2

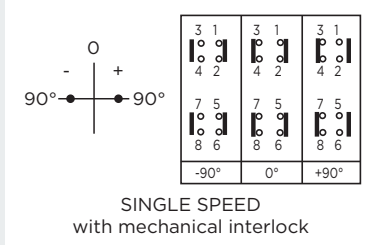


Diagram 3

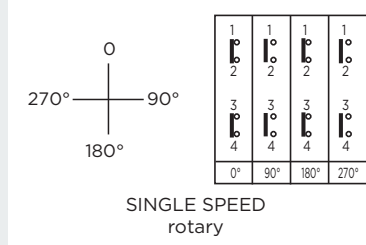


Diagram 4

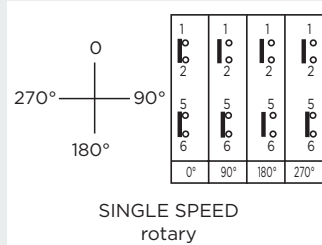


Diagram 5

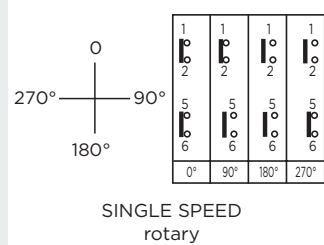
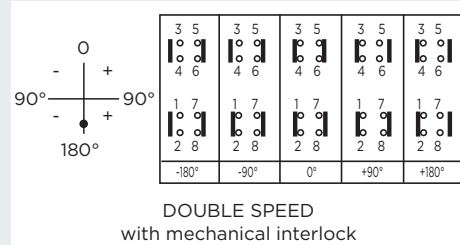
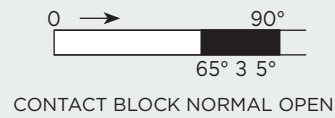
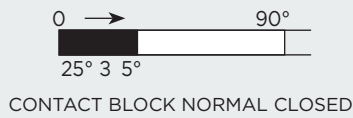


Diagram 6



Angular Tripping Contacts



Dimensions

