



# FCR

## POSITION LIMIT SWITCH

### Technical data

Standards	IEC/EN 60947/3
Case	self extinguishing housing V0 UL94
Protection class IEC/EN 60529	IP65 double insulation
Cable entry	Ø 22.5 mm
Operating temperature	-25 ... +55°C
Storage temperature	-30 ... +70°C
Notes	- 300 mm adjustable aluminium rods with "0" indicator - reinforced mechanical stop

Limit switches FCR series are in conformity with the following standards or other normative documents:

EN 60947-1	2007/A1 : 2011/A2 : 2014
EN 60947-3	2009/A1 : 2012/A2 : 2015
EN 60204-1	2006/A1 : 2009
EN 60529	1991/A1 : 2000/A2 : 2013
EN 50581	2012
IEC 63000	2016

and therefore follow the provision of the Directives:

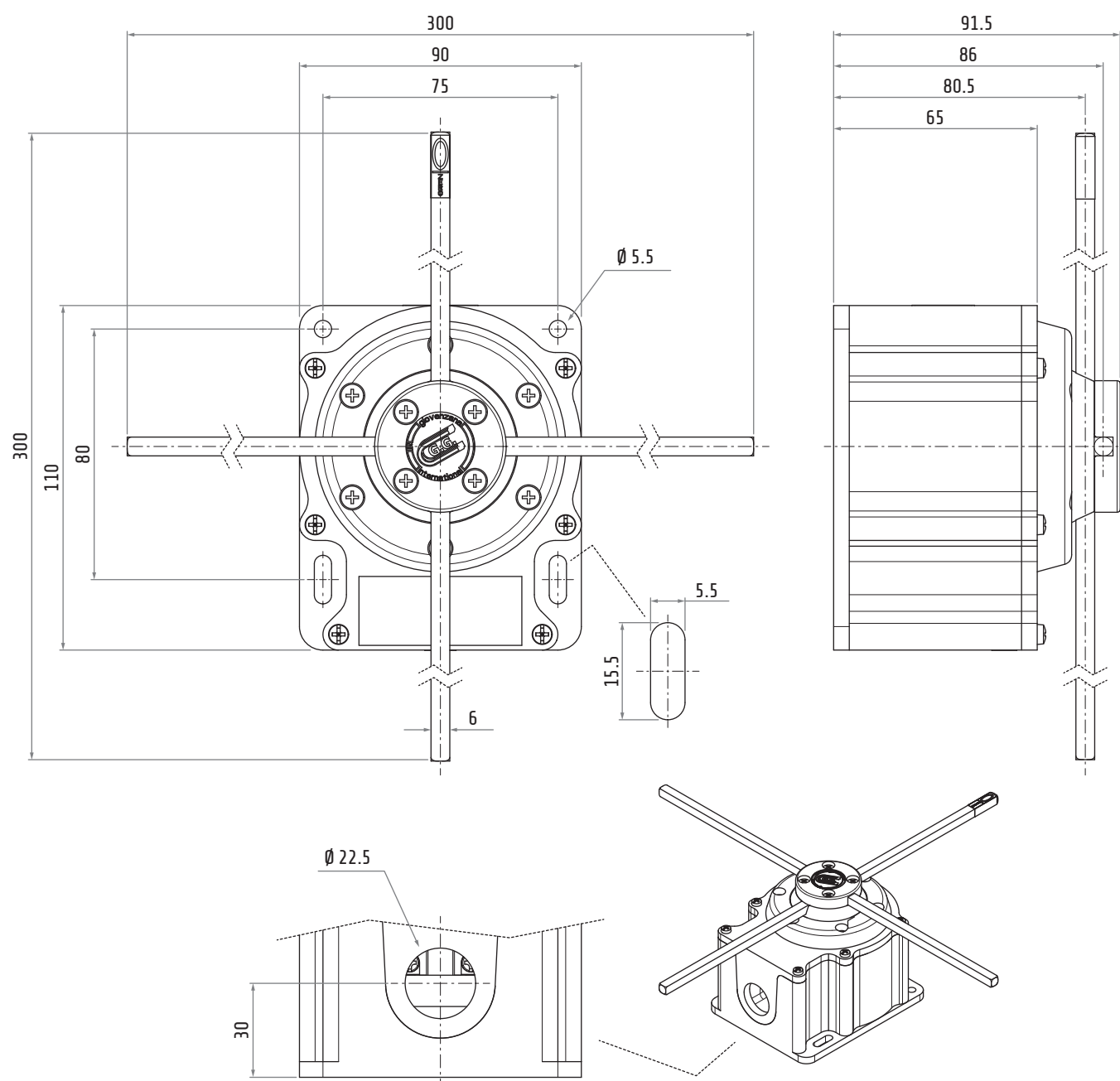
2014/35/UE
2011/65/UE
2015/863/UE

Marking: CE, EAC

### Cam switch technical data

Product ID	P016 Giovenzana line		
Rated enclosed thermal current	Ithe		16 A
Rated insulation voltage	Ui		690 V
Connections	terminals gauge	EN60947-1	A3
	terminals screw		M3.5
	tightening torque	EN60947-1 UL508	0.8 N×m / 7.2 lb×in 7.5 lb×in / 0.85 N×m
Connectable section	flexible cable		1 × 0.75 ... 4 mm <sup>2</sup> or 2 × 0.75 ... 2.5 mm <sup>2</sup> 18 ... 10 AWG
	rigid cable		1 × 0.75 ... 4 mm <sup>2</sup> or 2 × 0.75 ... 2.5 mm <sup>2</sup> 18 ... 10 AWG
Contacts	double breaking		

## Overall dimensions



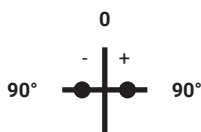
Dimensions in mm / illustrations NOT in scale

## VERSIONS

### Cam switch operation

#### FCR001

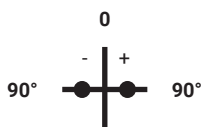
- Single speed
- 3 positions
- With mechanical interlock ●



1	3-4		×	×
	1-2	×	×	
		-90°	0	+90°

#### FCR002

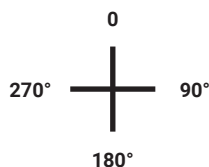
- Single speed
- 3 positions
- With mechanical interlock ●



2	7-8		×	×
	5-6	×	×	
1	3-4		×	×
	1-2	×	×	
		-90°	0	+90°

#### FCR003

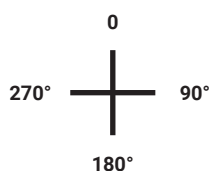
- Single speed
- 4 positions rotary
- Without mechanical interlock



1	3-4	×		×	
	1-2	×		×	
		0	90°	180°	270°

#### FCR004

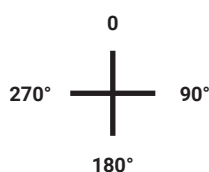
- Single speed
- 4 positions rotary
- Without mechanical interlock



2					
	5-6	×	×		×
1					
	1-2	×			
		0	90°	180°	270°

#### FCR005

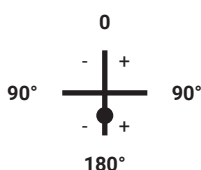
- Single speed
- 4 positions rotary
- Without mechanical interlock



2					
	5-6	×			×
1					
	1-2	×	×		
		0	90°	180°	270°

#### FCR006

- Double speed
- 4 positions
- With mechanical interlock ●



2	7-8	×	×	×	×	
	5-6	×	×	×		
1	3-4			×	×	×
	1-2		×	×	×	×
		-180°	-90°	0	+90°	+180°

OTHER VERSIONS AVAILABLE ON REQUEST