

# Components for safety applications

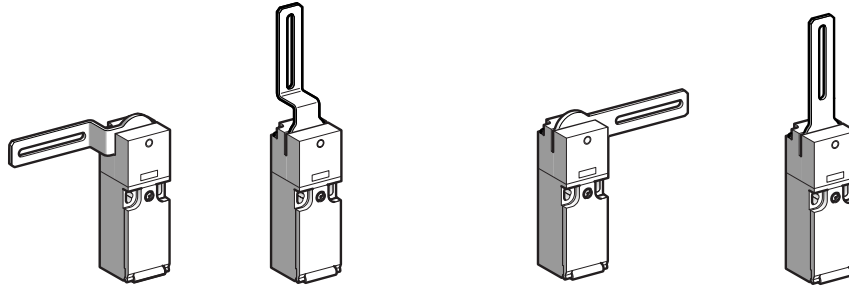
Safety limit switches for hinged covers and guards  
Double insulated, turret head, types XCS-PL, TL, PR and TR

Presentation

2

XCS-PL  
with 1  
cable entry

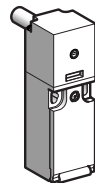
With rotary operating head, with elbowed lever (flush with rear of switch) or straight lever, for hinged covers and guards



Pages 2/42, 2/40, 2/44

XCS-PR  
with 1  
cable entry

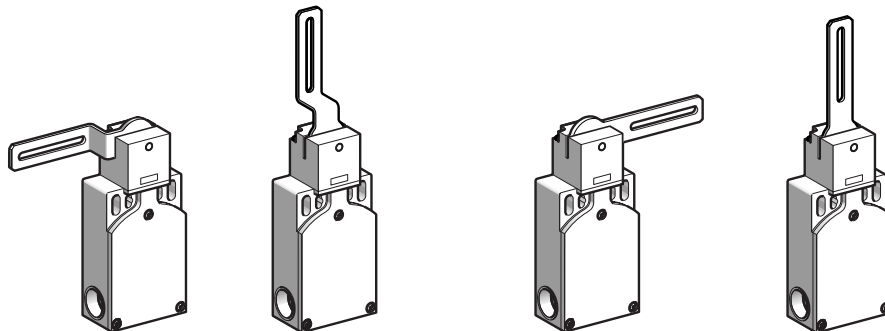
With rotary operating head, with spindle operator, for hinged covers and guards



Pages 2/42, 2/40, 2/44

XCS-TL  
with 2  
cable entries

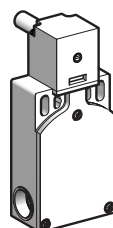
With rotary operating head, with elbowed lever (flush with rear of switch) or straight lever, for hinged covers and guards



Pages 2/42, 2/40, 2/44

XCS-TR  
with 2  
cable entries

With rotary operating head, with spindle operator, for hinged covers and guards



Pages 2/42, 2/40, 2/44

# Components for safety applications

Safety limit switches for hinged covers and guards  
Double insulated, turret head, types XCS-PL, TL, PR and TR

## General characteristics

### Environment

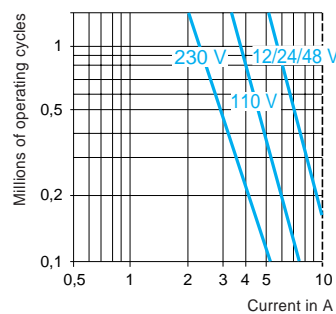
<b>Conforming to standards</b>	Products	IEC 947-5-1, EN 60 947-5-1/5-4, UL 508, CSA C22-2 n° 14
	Machine assemblies	IEC 204-1, EN 1088, EN 60 204-1, EN 292
<b>Product certifications</b>		UL, CSA
<b>Protective treatment</b>		Standard version: "TC" and "TH"
<b>Ambient air temperature</b>		Operation: - 25...+ 70 °C. Storage: - 40...+ 70 °C
<b>Vibration resistance</b>		50 gn (10...500 Hz) conforming to IEC 68-2-6
<b>Shock resistance</b>		50 gn (11 ms) conforming to IEC 68-2-27
<b>Electric shock protection</b>		Class 2 conforming to IEC 536
<b>Degree of protection</b>		<b>IP 67 conforming to IEC 529</b>
<b>Cable entry</b>		Depending on model, either: 1 entry tapped for Pg 11 (n° 11) cable gland, tapped M16 x 1.5 or tapped 1/2" NPT
<b>Materials</b>		Plastic body. Stainless steel lever and fixings.

### Contact block characteristics

<b>Rated operational characteristics</b>	$\sim$ AC-15; A300 (Ue = 240 V, Ie = 3 A) $\equiv$ DC-13; Q300 (Ue = 250 V, Ie = 0,27 A) conforming to IEC 947-5-1 Appendix A, EN 60 947-5-1
<b>Rated insulation voltage</b>	Ui = 500 V degree of pollution 3 conforming to IEC 947-1 Ui = 300 V conforming to UL 508, CSA C22-2 n° 14
<b>Rated impulse withstand voltage</b>	U imp = 6 kV conforming to IEC 947-1, IEC 664
<b>Positive operation</b>	N/C contact with positive opening operation conforming to IEC 947-5-1 Section 3, EN 60 947-5-1
<b>Resistance across terminals</b>	$\leq$ 30 m $\Omega$ conforming to IEC 957-5-4
<b>Short-circuit protection</b>	10 A cartridge fuse type gG (gl)
<b>Cabling</b>	Screw clamp terminals Clamping capacity, min.: 1 x 0.5 mm <sup>2</sup> , max.: 2 x 1.5 mm <sup>2</sup> with or without cable end
<b>Minimum actuation speed</b>	0.01 m/second

**Electrical durability** Conforming to IEC 947-5-1 Appendix C.  
Utilisation categories AC-15 and DC-13.  
Maximum operating rate: 3600 operating cycles per hour.  
Load factor: 0,5

a.c. supply  $\sim$  50/60 Hz  
 $\mathcal{M}$  inductive circuit



d.c. supply  $\equiv$

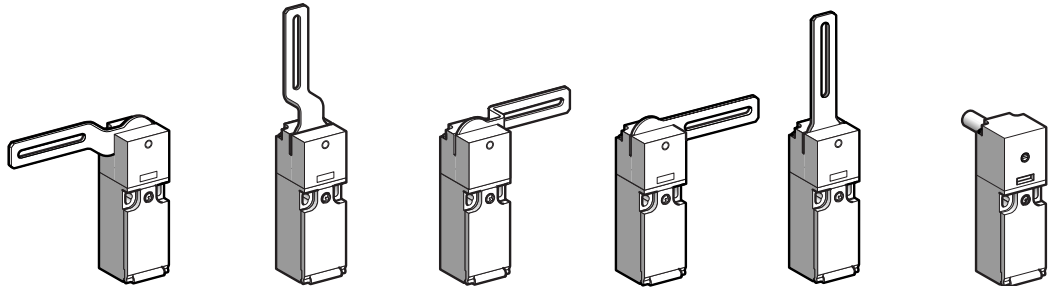
Power broken in W for 1 million operating cycles				
Voltage	V	24	48	120
$\mathcal{M}$	W	13	9	7

# Components for safety applications

Safety limit switches for hinged covers and guards  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped M16 x 1.5

References, characteristics

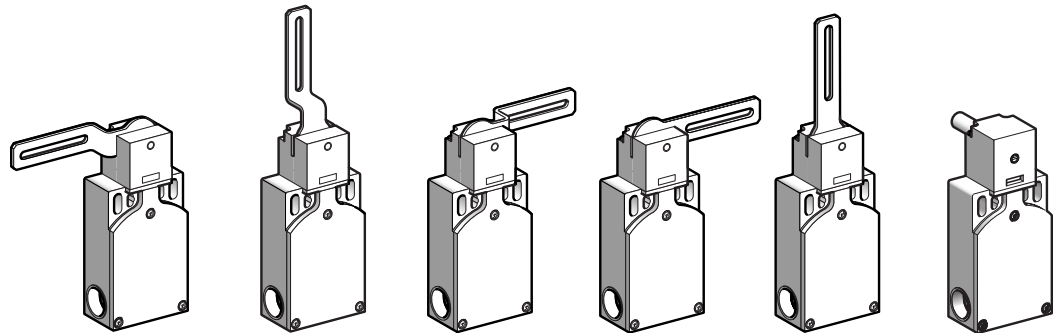
Type	Elbowed lever (flush with rear of switch)	Straight lever	Spindle
------	---	----------------	---------



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References ( ⊖ N/C contact with positive opening operation)

2-pole N/C + N/O break before make slow break		XCS-PL592 ⊖	XCS-PL582 ⊖	XCS-PL572 ⊖	XCS-PL562 ⊖	XCS-PL552 ⊖	XCS-PR552 ⊖
2-pole N/C + N/C slow break		XCS-PL792 ⊕	XCS-PL782 ⊕	XCS-PL772 ⊕	XCS-PL762 ⊕	XCS-PL752 ⊕	XCS-PR752 ⊕
Weight (kg)		0.095	0.095	0.095	0.095	0.095	0.105



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References ( ⊕ N/C contact with positive opening operation)

3-pole N/C + N/O + N/O (2 N/O staggered) slow break		XCS-TL592 ⊖	XCS-TL582 ⊖	XCS-TL572 ⊖	XCS-TL562 ⊖	XCS-TL552 ⊖	XCS-TR552 ⊖
3-pole N/C + N/C + N/O (N/O staggered) slow break		XCS-TL792 ⊕	XCS-TL782 ⊕	XCS-TL772 ⊕	XCS-TL762 ⊕	XCS-TL752 ⊕	XCS-TR752 ⊕
3-pole N/C + N/C + N/C slow break		XCS-TL892 ⊕	XCS-TL882 ⊕	XCS-TL872 ⊕	XCS-TL862 ⊕	XCS-TL852 ⊕	XCS-TR852 ⊕
Weight (kg)		0.145	0.145	0.145	0.145	0.145	0.155

Complementary characteristics not shown under general characteristics (page 2/39)

<b>Lever displacement tripping angle</b>	5°
<b>Mechanical durability</b>	<b>1 million operating cycles</b>
<b>Minimum torque</b>	For tripping: 0.1 N.m; for positive opening: 0.25 N.m (XCS-PL and XCS-PR), 0.45 N.m (XCS-TL and XCS-TR)
<b>Cable entry</b>	<b>XCS-P●</b> : 1 cable entry tapped M16 x 1.5 for ISO cable gland. Clamping capacity 7 to 10 mm. <b>XCS-T●</b> : 2 cable entries tapped M16 x 1.5 for ISO cable gland. Clamping capacity 7 to 10 mm. (Switch supplied with 1 entry fitted with blanking plug).

(1) Adjustable through 360° in 90° steps. Switches supplied with 2 additional self locking screws for positive fixing of the operating head.

(2) For switches with 80 mm spindle: replace the second reference digit 5 with a 6. E.g.: XCS-PR552 becomes XCS-PR562. The weight increases by 0.032 kg.

# Components for safety applications

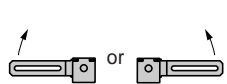
Safety limit switches for hinged covers and guards  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped for Pg 11 (n° 11) cable gland

Operation, dimensions, schemes

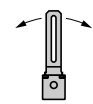
## Operation

Operator displacement

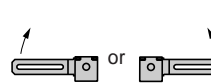
XCS-PL $\bullet$ 92, XCS-PL $\bullet$ 72  
XCS-PL $\bullet$ 62



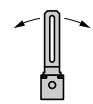
XCS-PL $\bullet$ 82, XCS-PL $\bullet$ 52



XCS-TL $\bullet$ 92, XCS-TL $\bullet$ 72  
XCS-TL $\bullet$ 62



XCS-TL $\bullet$ 82, XCS-TL $\bullet$ 52



XCS-PR $\bullet$ 52

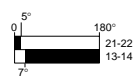


XCS-TR $\bullet$ 52

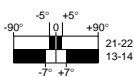


## Function diagrams

XCS-PL592, XCS-PL572  
XCS-PL562



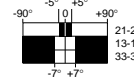
XCS-PL582, XCS-PL552



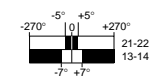
XCS-TL592, XCS-TL572  
XCS-TL562



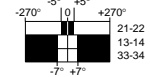
XCS-TL582, XCS-TL552



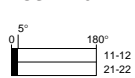
XCS-PR552



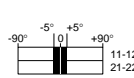
XCS-TR552



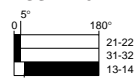
XCS-PL792, XCS-PL772  
XCS-PL762



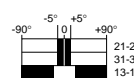
XCS-PL782, XCS-PL752



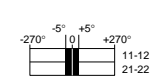
XCS-TL792, XCS-TL772  
XCS-TL762



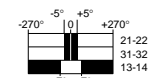
XCS-TL782, XCS-TL752



XCS-PR752



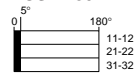
XCS-TR752



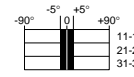
Contact operation  

 ■ contact closed  
 □ contact open

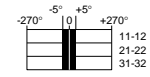
XCS-TL892, XCS-TL872  
XCS-TL862



XCS-TL882, XCS-PL852

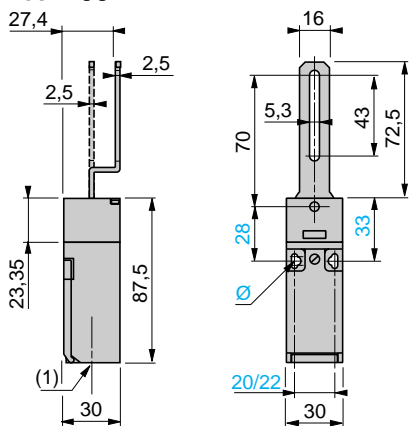


XCS-TR852

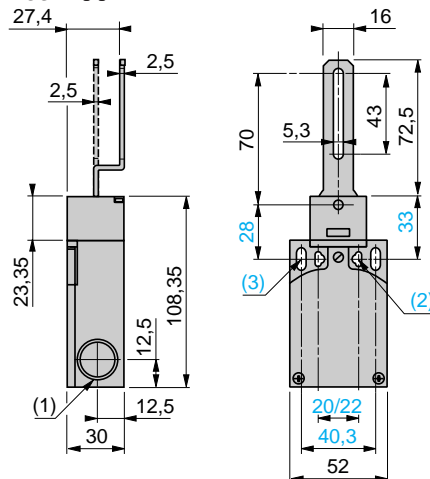


## Dimensions

XCS-PL $\bullet$ 02



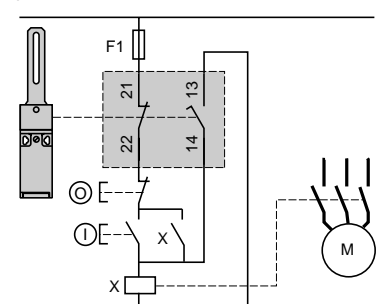
XCS-TL $\bullet$ 02



## Wiring schemes

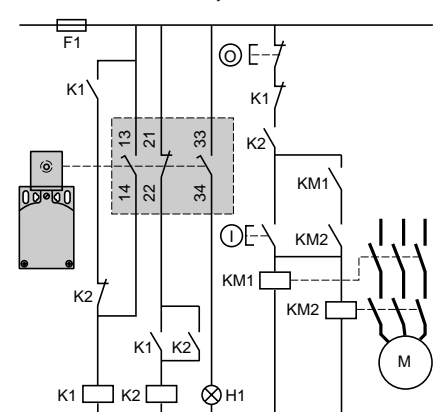
Category 1 conforming to EN 954-1

Example with cable short-circuit protection fuse



Category 3 conforming to EN 954-1

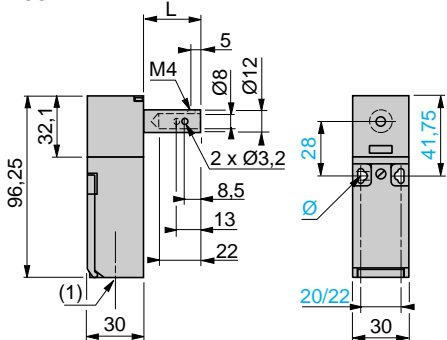
Example with 3-pole N/C + N/O + N/O contact with mixed redundancy of the contacts and the associated control relays.



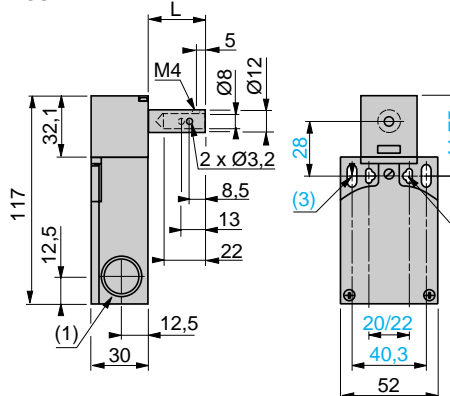
(1) 1 cable entry tapped M16 x 1.5  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres

(1) 2 cable entries tapped M16 x 1.5  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3

XCS-PR $\bullet$ 02



XCS-TR $\bullet$ 02



(1) 1 cable entry tapped M16 x 1.5  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 L = 30 (XCS-PR $\bullet$ 52) or 80 (XCS-PR $\bullet$ 62)

(1) 2 cable entries tapped M16 x 1.5  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3  
 L = 30 (XCS-TR $\bullet$ 52) or 80 (XCS-TR $\bullet$ 62)

To activate K1, the lever or the spindle must be rotated when the supply is switched on.  
 H1: "lever or spindle displaced from initial position" indicator. When used in conjunction with a PREVENTA XPS safety module and another safety limit switch, the rotary lever or spindle operator safety limit switch can provide a category 3 or 4 control and monitoring system for moving guards conforming to EN 954-1.

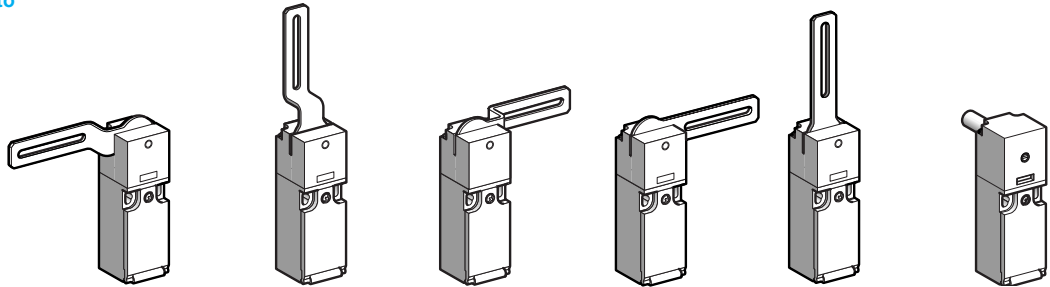
# Components for safety applications

Safety limit switches for hinged covers and guards  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped for Pg 11 (n° 11) cable gland

References, characteristics

Type	Elbowed lever (flush with rear of switch)	Straight lever	Spindle
------	---	----------------	---------

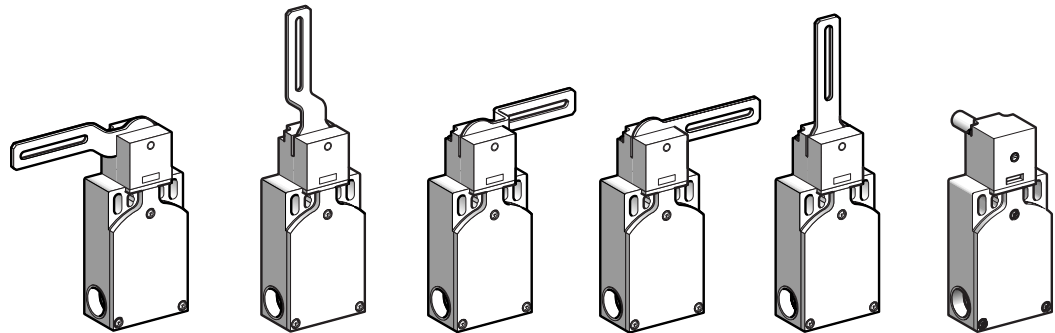
For UK market, please refer to pages 2/40 and 2/41



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References ( ⊖ N/C contact with positive opening operation)

2-pole N/C + N/O break before make slow break		XCS-PL591 ⊖	XCS-PL581 ⊖	XCS-PL571 ⊖	XCS-PL561 ⊖	XCS-PL551 ⊖	XCS-PR551 ⊖
2-pole N/C + N/C slow break		XCS-PL791 ⊖	XCS-PL781 ⊖	XCS-PL771 ⊖	XCS-PL761 ⊖	XCS-PL751 ⊖	XCS-PR751 ⊖
Weight (kg)		0.095	0.095	0.095	0.095	0.095	0.105



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References ( ⊖ N/C contact with positive opening operation)

3-pole N/C + N/O + N/O (2 N/O staggered) slow break		XCS-TL591 ⊖	XCS-TL581 ⊖	XCS-TL571 ⊖	XCS-TL561 ⊖	XCS-TL551 ⊖	XCS-TR551 ⊖
3-pole N/C + N/C + N/O (N/O staggered) slow break		XCS-TL791 ⊖	XCS-TL781 ⊖	XCS-TL771 ⊖	XCS-TL761 ⊖	XCS-TL751 ⊖	XCS-TR751 ⊖
3-pole N/C + N/C + N/C slow break		XCS-TL891 ⊖	XCS-TL881 ⊖	XCS-TL871 ⊖	XCS-TL861 ⊖	XCS-TL851 ⊖	XCS-TR851 ⊖
Weight (kg)		0.145	0.145	0.145	0.145	0.145	0.155

Complementary characteristics not shown under general characteristics (page 2/39)

<b>Lever displacement tripping angle</b>	5°
<b>Mechanical durability</b>	<b>1 million operating cycles</b>
<b>Minimum torque</b>	For tripping: 0.1 N.m; for positive opening: 0.25 N.m (XCS-PL and XCS-PR), 0.45 N.m (XCS-TL and XCS-TR)
<b>Cable entry</b>	<b>XCS-P●</b> : 1 cable entry tapped for n° 11 cable gland to NF C 68-300 (DIN Pg 11). Clamping capacity 7 to 10 mm. <b>XCS-T●</b> : 2 cable entries tapped for n° 11 cable gland to NF C 68-300 (DIN Pg 11). Clamping capacity 7 to 10 mm. (Switch supplied with 1 entry fitted with blanking plug).

(1) Adjustable through 360° in 90° steps. Switches supplied with 2 additional self locking screws for positive fixing of the operating head.

(2) For switches with 80 mm spindle: replace the second reference digit 5 with a 6. E.g.: XCS-PR551 becomes XCS-PR561. The weight increases by 0.032 kg.

# Components for safety applications

Safety limit switches for hinged covers and guards  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped for Pg 11 (n° 11) cable gland

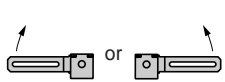
For UK market, please refer to pages 2/40 and 2/41

Operation, dimensions, schemes

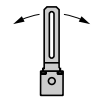
## Operation

### Operator displacement

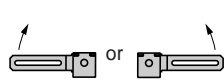
XCS-PL●91, XCS-PL●71  
 XCS-PL●61



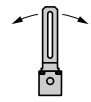
XCS-PL●81, XCS-PL●51



XCS-TL●91, XCS-TL●71  
 XCS-TL●61



XCS-TL●81, XCS-TL●51



XCS-PR●51



XCS-TR●51

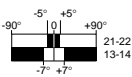


### Function diagrams

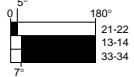
XCS-PL591, XCS-PL571  
 XCS-PL561



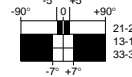
XCS-PL581, XCS-PL551



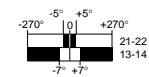
XCS-TL591, XCS-TL571  
 XCS-TL561



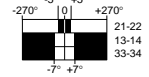
XCS-TL581, XCS-TL551



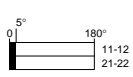
XCS-PR551



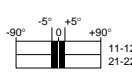
XCS-TR551



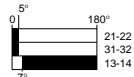
XCS-PL791, XCS-PL771  
 XCS-PL761



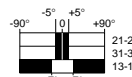
XCS-PL781, XCS-PL751



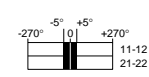
XCS-TL791, XCS-TL771  
 XCS-TL761



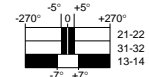
XCS-TL781, XCS-TL752



XCS-PR751



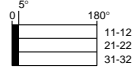
XCS-TR751



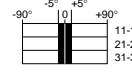
Contact operation  

 ■ contact closed  
 □ contact open

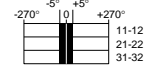
XCS-TL891, XCS-TL871  
 XCS-TL861



XCS-TL881, XCS-PL851

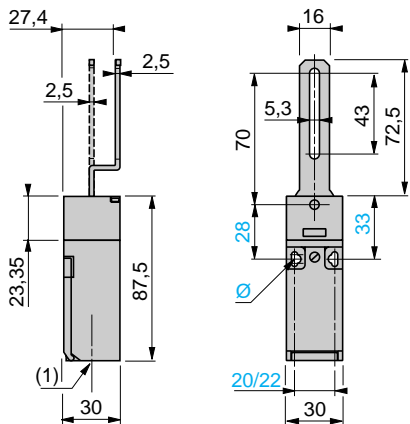


XCS-TR851

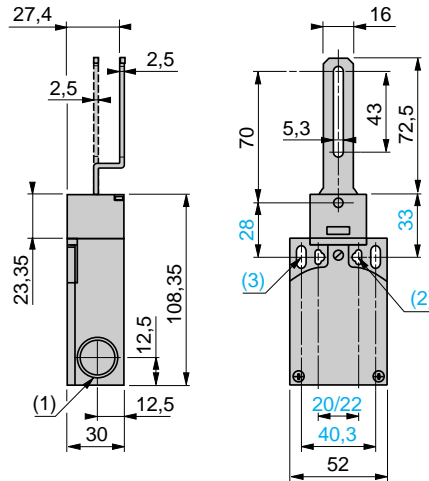


## Dimensions

XCS-PL●●1



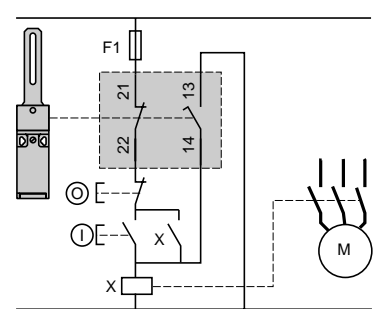
XCS-TL●●1



## Wiring schemes

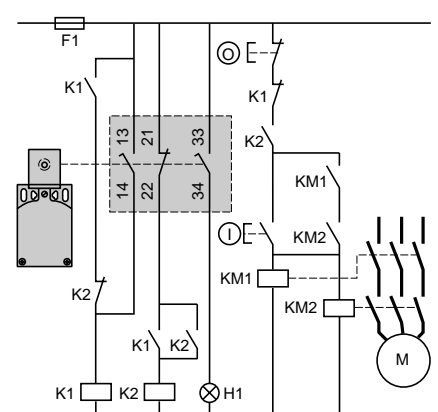
Category 1 conforming to EN 954-1

Example with cable short-circuit protection fuse



Category 3 conforming to EN 954-1

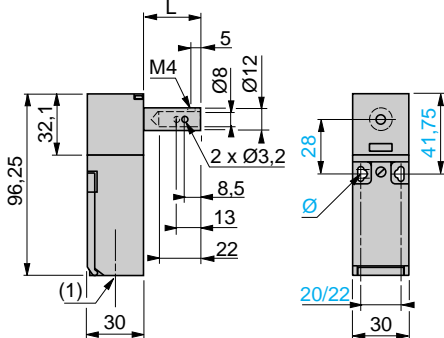
Example with 3-pole N/C + N/O + N/O contact with mixed redundancy of the contacts and the associated control relays.



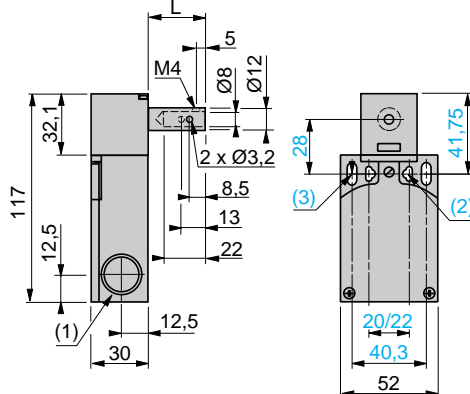
(1) 1 cable entry tapped for n° 11 cable gland  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres

(1) 2 cable entries tapped for n° 11 cable gland  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3

XCS-PR●●1



XCS-TR●●1



(1) 1 cable entry tapped for n° 11 cable gland  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres

(1) 2 cable entries tapped for n° 11 cable gland  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3

L = 30 (XCS-PR●51) or 80 (XCS-PR●61)

L = 30 (XCS-TR●51) or 80 (XCS-TR●61)

To activate K1, the lever or the spindle must be rotated when the supply is switched on.  
 H1: "lever or spindle displaced from initial position" indicator When used in conjunction with a PREVENTA XPS safety module and another safety limit switch, the rotary lever or spindle operator safety limit switch can provide a category 3 or 4 control and monitoring system for moving guards conforming to EN 954-1.

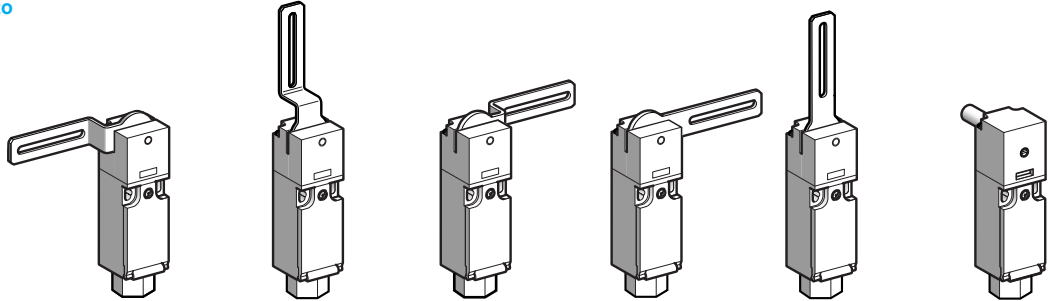
# Components for safety applications

Safety limit switches with rotary lever or spindle operator  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped 1/2" NPT

References, characteristics

Type	Elbowed lever (flush with rear of switch)	Straight lever	Spindle
------	---	----------------	---------

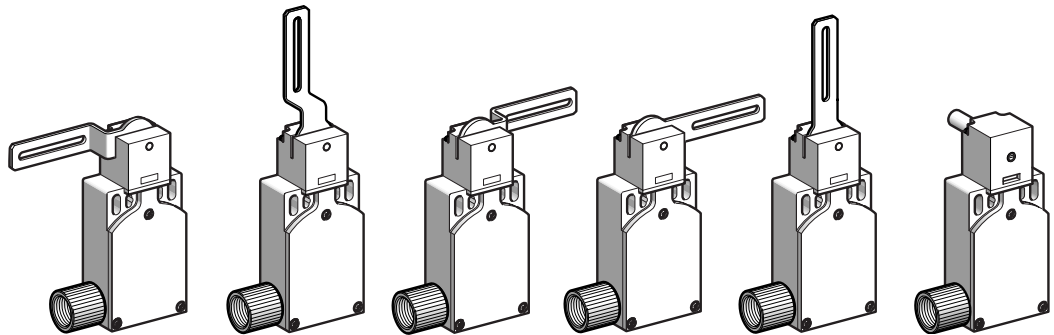
For UK market, please refer to pages 2/40 and 2/41



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References (⊖ N/C contact with positive opening operation)

2-pole N/C + N/O break before make slow break		XCS-PL593 ⊖	XCS-PL583 ⊖	XCS-PL573 ⊖	XCS-PL563 ⊖	XCS-PL553 ⊖	XCS-PR553 ⊖
2-pole N/C + N/C slow break		XCS-PL793 ⊖	XCS-PL783 ⊖	XCS-PL773 ⊖	XCS-PL763 ⊖	XCS-PL753 ⊖	XCS-PR753 ⊖
Weight (kg)		0.110	0.110	0.110	0.110	0.110	0.120



Operator	To left	Centred	To right	To right or to left	Centred	Length 30 mm (2)
----------	---------	---------	----------	---------------------	---------	------------------

References (⊖ N/C contact with positive opening operation)

3-pole N/C + N/O + N/O (2 N/O staggered) slow break		XCS-TL593 ⊖	XCS-TL583 ⊖	XCS-TL573 ⊖	XCS-TL563 ⊖	XCS-TL553 ⊖	XCS-TR553 ⊖
3-pole N/C + N/C + N/O (N/O staggered) slow break		XCS-TL793 ⊖	XCS-TL783 ⊖	XCS-TL773 ⊖	XCS-TL763 ⊖	XCS-TL753 ⊖	XCS-TR753 ⊖
3-pole N/C + N/C + N/C slow break		XCS-TL893 ⊖	XCS-TL883 ⊖	XCS-TL873 ⊖	XCS-TL863 ⊖	XCS-TL853 ⊖	XCS-TR853 ⊖
Weight (kg)		0.160	0.160	0.160	0.160	0.160	0.170

Complementary characteristics not shown under general characteristics (page 32912/3)

<b>Lever displacement tripping angle</b>	5°
<b>Mechanical durability</b>	<b>1 million operating cycles</b>
<b>Minimum torque</b>	For tripping: 0.1 N.m; for positive opening: 0.25 N.m (XCS-PL and XCS-PR), 0.45 N.m (XCS-TL and XCS-TR)
<b>Cable entry</b>	<b>XCS-P●</b> : 1 cable entry tapped for 1/2" NPT (USAS B2-1) conduit. <b>XCS-T●</b> : 2 cable entries tapped 11 mm, 1 fitted with metal adaptor DE9-RA1012 for 1/2" NPT (USAS B2-1) conduit. ( Switch supplied with 1 entry fitted with blanking plug)..

(1) Adjustable through 360° in 90° steps. Switches supplied with 2 additional self locking screws for positive fixing of the operating head.

(2) For switches with 80 mm spindle: replace the second reference digit 5 with a 6. E.g.: XCS-PR553 becomes XCS-PR563. The weight increases by 0.032 kg.

# Components for safety applications

Safety limit switches with rotary lever or spindle operator  
 Double insulated, turret head, types XCS-PL, TL, PR and TR  
 Cable entries tapped 1/2" NPT

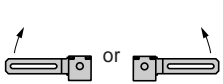
For UK market, please refer to pages 2/40 and 2/41

Operation, dimensions, schemes

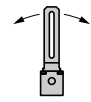
## Operation

### Operator displacement

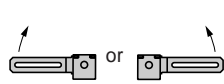
XCS-PL●93, XCS-PL●73  
XCS-PL●63



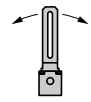
XCS-PL●83, XCS-PL●53



XCS-TL●93, XCS-TL●73  
XCS-TL●63



XCS-TL●83, XCS-TL●53



XCS-PR●53

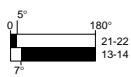


XCS-TR●53

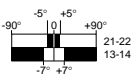


### Function diagrams

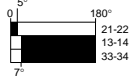
XCS-PL593, XCS-PL573  
XCS-PL563



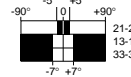
XCS-PL583, XCS-PL553



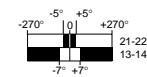
XCS-TL593, XCS-TL573  
XCS-TL563



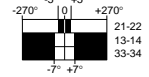
XCS-TL583, XCS-TL553



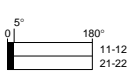
XCS-PR553



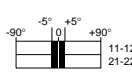
XCS-TR553



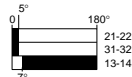
XCS-PL793, XCS-PL773  
XCS-PL763



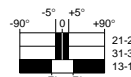
XCS-PL783, XCS-PL753



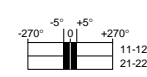
XCS-TL793, XCS-TL773  
XCS-TL763



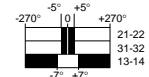
XCS-TL783, XCS-TL753



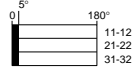
XCS-PR753



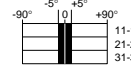
XCS-TR753



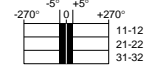
XCS-TL893, XCS-TL873  
XCS-TL863



XCS-TL883, XCS-PL853



XCS-TR853



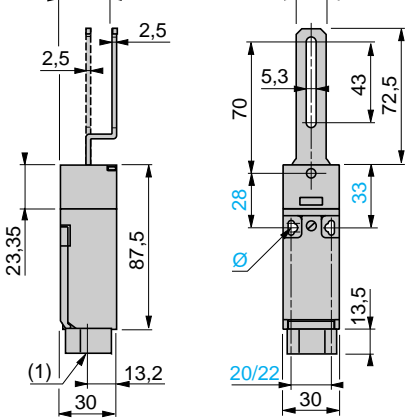
Contact operation  

 ■ contact closed  
 □ contact open

## Dimensions

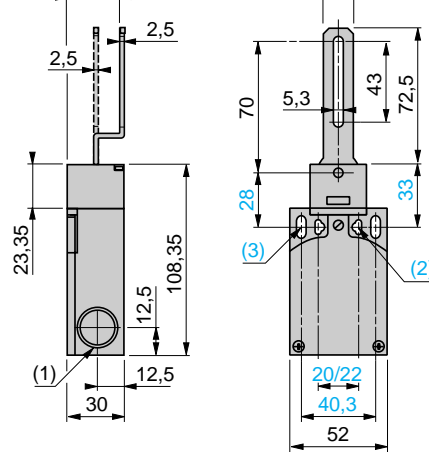
XCS-PL●●2

27,4



XCS-TL●●2

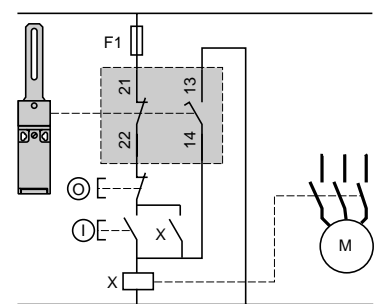
27,4



## Wiring schemes

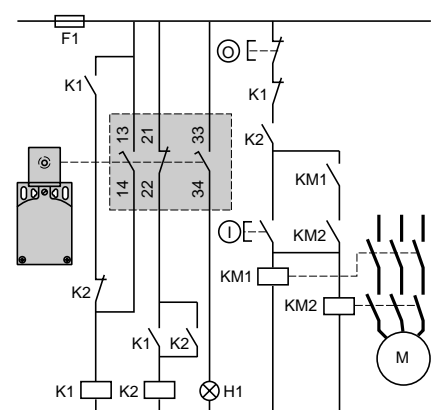
Category 1 conforming to EN 954-1

Example with cable short-circuit protection fuse



Category 3 conforming to EN 954-1

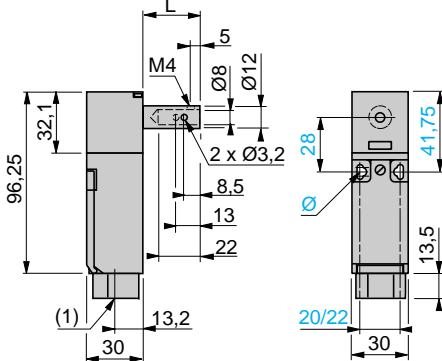
Example with 3-pole N/C + N/O + N/O contact with mixed redundancy of the contacts and the associated control relays.



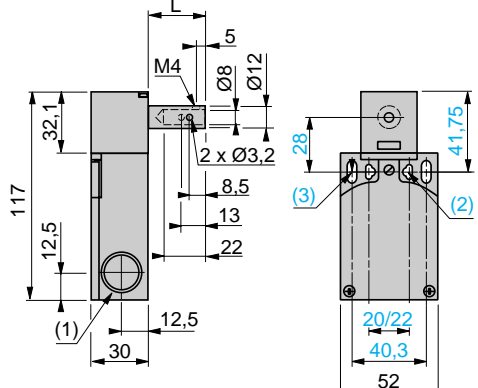
(1) 1 cable entry tapped for 1/2" NPT conduit  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres

(1) 2 entries tapped 11 mm for 1/2" NPT conduit adaptor  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3

XCS-PR●●3



XCS-TR●●3



(1) 1 cable entry tapped for 1/2" NPT conduit  
 Ø: 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres

(1) 2 entries tapped 11 mm for 1/2" NPT conduit adaptor  
 (2) 2 elongated holes Ø 4.3x8.3 on 22mm centres  
 2 holes Ø 4.3 on 20 mm centres  
 (3) 2 elongated holes Ø 5.3x13.3

L = 30 (XCS-PR●53) or 80 (XCS-PR●63)

L = 30 (XCS-TR●53) or 80 (XCS-TR●63)

To activate K1, the lever or the spindle must be rotated when the supply is switched on.  
 H1: "lever or spindle displaced from initial position" indicator. When used in conjunction with a PREVENTA XPS safety module and another safety limit switch, the rotary lever or spindle operator safety limit switch can provide a category 3 or 4 control and monitoring system for moving guards conforming to EN 954-1.