

**Product Code:**

XL6CR2P

**Product Range:**10kA DP Type A Standard,C Curve,Circuit  
Protective Devices,Industrial  
Products,RCBOs**Issue Date:**

03/12/2025

**Description:**6A 1 Mod 2P Bidirectional RCBO 10kA C Curve 30mA  
Type A**Features:**

- Suitable for ABX, BX, XL, OPBX, CBX, MCX and PDU boards
- 30mA earth leakage rating, Type A earth leakage protection
- Thermal-Magnetic operation
- Current limiting C Curve operating characteristics
- Mechanical Flag Indicator shows ON or OFF
- Operating dolly may be locked in either the ON or OFF position
- Contacts are manufactured from carefully chosen materials
- Selected for their low electrical resistance and low propensity to weld under fault conditions

**Technical:**

<b>Height</b>	116 mm
<b>Width</b>	17.8 mm
<b>Depth</b>	67 mm
<b>Weight</b>	0.556 Kg
<b>Short circuit rating</b>	10kA
<b>Terminal cable capacity</b>	25 mm <sup>2</sup> In / 16mm <sup>2</sup> Out
<b>Torque</b>	2 Nm In / Out.
<b>Ambient temperature</b>	-5 to +55 C
<b>Mcb type</b>	C Curve
<b>Guarantee</b>	12 Months
<b>Frequency</b>	50 Hz
<b>Current rating</b>	6A
<b>Rated operated voltage</b>	400V
<b>Number of modules</b>	1
<b>Product range</b>	Residual Current Circuit Breaker with Overload 10kA C Curve Type A
<b>Standards</b>	BS EN 61009
<b>Protection class ip rating</b>	IP2X
<b>Lockable</b>	Yes with DLPX1/P
<b>Operating characteristics</b>	C Curve
<b>Rated magnetic operation</b>	5 -9.6 x In
<b>Material</b>	Flame Retardant PBT
<b>Compliance</b>	Electromagnetic Compatibility Directive 2014/30/EU
<b>Manufacturer</b>	Proteus Switchgear. Stafford Park 12. Telford. Shropshire. TF3 3BJ. United Kingdom.

**Proteus Switchgear Website:**W: [proteusswitchgear.co.uk](http://proteusswitchgear.co.uk)

# DECLARATION of CONFORMITY

**Product Code:**

XL6CR2P

**Description:**

6A 1 Mod 2P Bidirectional RCBO 10kA C Curve 30mA  
Type A

**Intended Purpose:****Manufacturer:**

Proteus Switchgear. Stafford Park 12. Telford.  
Shropshire. TF3 3BJ. United Kingdom.

**Ratings & Characteristics:**

Voltage Rating	400V
Current Rating	6A
Frequency	50 Hz

**Compliance:**

Electromagnetic Compatibility Directive  
2014/30/EU, Low Voltage Directive 2014/35/EU,  
Restriction of the use of certain hazardous  
substances directive 2011/65/EU, Waste Electrical  
and Electronic Equipment directive 2012/19/EU

**Designated Standards:**

BS EN 61009, BS EN 61009 pt 1&2, BS EN 61543



I declare that the object of the declaration above is in conformity with the relevant harmonization legislation and national standards.

Signed for and on behalf of Proteus Switchgear

**Date:**

03/12/2025

Ian Down.  
Business Manager.