

Product Code	Product Range	Issue No.	Issue Date	Issue By
	RCBO – B curve	A	02/01/2020	T. Tombs

B curve

XL6BRK
XL10BRK
XL16BRK
XL20BRK
XL25BRK
XL32BRK
XL40BRK

Description

Single module B curve RCBO.


2 pole RCBO for Proteus MCB boards.
Type A filtering.
6 A to 32 A 10kA Icu.
40 A 6kA Icu.

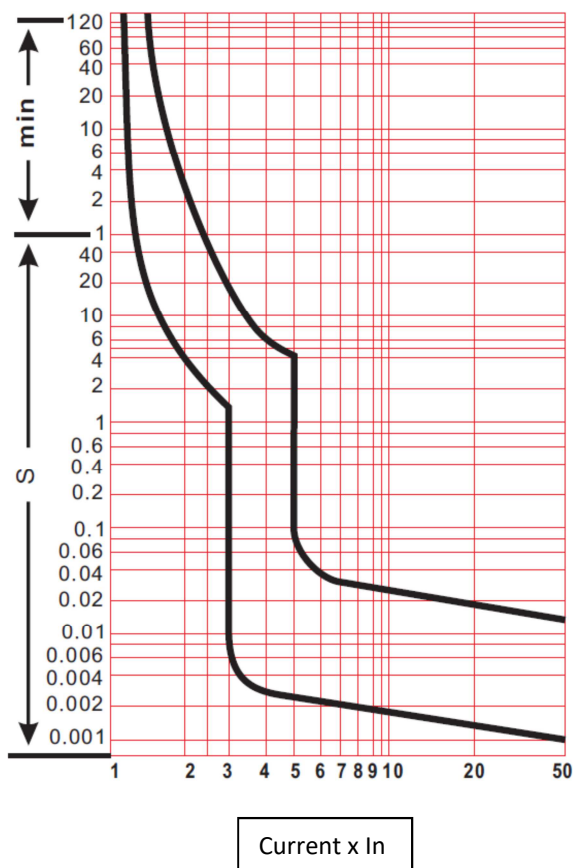
Features

Single module.
High fault level.
Modern design to latest standards.
Suitable for isolation.
Compact range – same height as MCB.



General Characteristics

Standards	BS EN 61009-1. BS EN 61009-2-2.
Current Rating	6, 10, 16, 20, 25, 32, 40.
Voltage Rating	230 / 400V, 240 / 415V.
Fault Current Rating	10kA Icu. 75% Ics 6,10,16,20,25,32A. 6kA Icu & Ics.
Thermal / Magnetic	B curve (3 – 5x In).
Residual current filtering	Type A 
Residual current IΔN	30 mA
Uimp (kV)	4
Rated frequency	50Hz.
Pollution Degree	3.
No. of Poles	2 - Live switched, neutral not switched.
Terminal Capacity Line.	25 mm ²
Terminal Capacity Load.	10 mm ²
Terminal Torque Line.	2 Nm.
Terminal Torque Load	1.2 Nm.
IP Rating	IP20 when installed.
Equipment Type	Fixed
Weight	156g.



B curve (218.5V)		
(I _n)	Max Zs (@0.4sec)	Max Zs (@5sec)
2	21.8	24.27
4	10.9	12.1
6	7.28	8.09
10	4.37	4.86
16	2.73	3.03
20	2.19	2.43
25	1.75	1.94
32	1.37	1.52
40	1.09	1.21
50	0.87	0.97
63	0.69	0.77

Ambient temperature and current rating curve

