RJ45 C-Bus[™] Protection Device



C-Bus[™] RJ45 Surge Protection

Novaris C-Bus^{TM} RJ45 surge protection products are specifically designed for the protection of C-Bus^{TM} RJ45 communications wiring.

Communications and Remote Override Protection

The Novaris C-Bus[™] RJ45 network protector is designed with primary protection elements of the C-Bus[™] network pairs and secondary protection elements to provide protection for the Remote Override pairs.

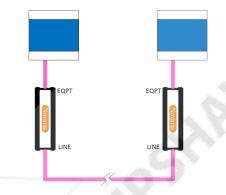
230V Earth Isolation

The Novaris C-BusTM protector contains integrated 230V isolation to prevent equipment damage during power to earth faults but also provide efficient earth bonding during a surge event.

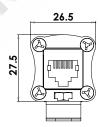
Simple Plug and Play Solution

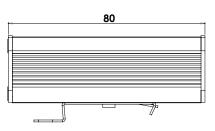
Simply plugging the Novaris C-BusTM in line protectors at either end of a C-BusTM communication network provides excellent protection for your control and management system.

Installation

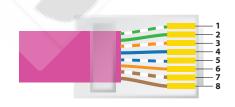


Dimensions





C-Bus Wiring



Connection	Pin Number
Remote Override On	1
Remote Override On	2
C-Bus Negative (-)	3
C-Bus Positive (+)	4
C-Bus Negative (-)	5
C-Bus Positive (+)	6
Remote Override Off	7
Remote Override Off	8

Note: C-Bus is a registered trademark of Schneider Electric (Australia) Pty Ltd.



Product Specifications

	RJ45-1CB
	Series
	1 x RJ45 / 4 pairs & shield
	Transverse and Common Mode
U,	38 V
	30 V
	2 kA per line (4 kA common mode)
I,	1000 mA per common pair
U,	80 V
μ	60 V
	750 V
	650 V
	C2 10 x 1.0kA 8/20
	1A rms, 5 x 1s
	Mode 3 (Open Circuit)
t,	<5 ns
A	0.1 Ω
	0.2 µH
	10 nF @ 1 MHz
	50 pF @ 1 MHz
	< 0.5 dB (< 20 kHz)
f	80 kHz
C	
	-40 to +70°C
	5 to 95% non-condensing
	RJ45 Socket
	-
	IP 20
	see Dimensions
	Inline / TS35 DIN rail
	Cable / TS35 DIN rail
	Metal / Black
	SPD connected to telecommunications and singalling networks - Cat C2
	Signalling/Telecommunications surge protection
	Protectors for data communications and fire-alarm circuits
	Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents
	200g
	85363000
	U _c U _c I _{max} I _{imp} I _L U _p I I I I I I I I I I I I I I I I I I I

Note: C-Bus is a registered trademark of Schneider Electric (Australia) Pty Ltd.



