

Low Voltage PVC Control Cables

PVC F4CC... Primary group code
 FRPVC SWA/ECC FRPVC (red stripe) ...121 Finish code
 LHPVC SWA/ECC LHPVC (blue stripe) ...222

Copper 19 Core
 600/1000 V
 SANS 1507

Size code	...naaa...	B910	B915	B925	B004
Conductor size	mm ² nom	1	1.5	2.5	4
Conductor diameter	mm app.	1.3	1.6	2	2.5
Insulation diameter	mm app.	3	3.5	4	4.5
Bedding diameter	mm app.	16	18.5	21	25
Armour diameter	mm app.	18.5	21	24	28
Cable diameter	mm app.	22	24.5	26.5	31.5
Cable mass	kg/m app.	0.95	1.2	1.5	2.2
Gross mass (500 m)	kg app.	515	660	910	1160
Bending radius	mm min.	220	245	275	315
Resistance					
dc @ 20°C	Ω/km max	18.1	12.1	7.41	4.61
ac @ 70°C	Ω/km max	21.66	14.48	8.87	5.52
Reactance					
	Ω/km	0.116	0.11	0.103	0.103
Capacitance					
	μF/km	0.275	0.315	0.375	0.376
Impedance					
	Ω/km	21.657	14.478	8.867	5.517
Short circuit ratings					
Symmetrical	kA (1sec)	0.13	0.19	0.31	0.51
Earth fault	kA (1sec)	2.47*	2.75*	3.03*	4.79*
(Single Phase) Volt Drop	mV/A/m	43.31	28.96	17.73	11.03

Last updated May 2006

When ordering please quote: primary + size + finish code
 e.g. F4CC B925 121

* Earth fault rating limited by symmetrical fault rating



POWER BY INNOVATION... INNOVATION THROUGH PARTNERSHIPS

A member of the REUNERT Group

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