

Low Voltage PVC Control Cables

PVC
FRPVC SWA/ECC FRPVC (red stripe)
LHPVC SWA/ECC LHPVC (blue stripe)

F4CC...
...121
...222

Primary group code
Finish code

Copper 12 Core
600/1000 V
SANS 1507

Size code	...naaa...	A910	A915	A925	A004
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.	13.5	15	16.5	21
Armour diameter	mm app.	16.5	17.5	19	24
Cable diameter	mm app.	19.5	20.5	22.5	27
Cable mass	kg/m app.	0.8	0.9	1.1	1.5
Gross mass (500 m)	kg app.	440	510	660	910
Bending radius	mm min.	195	205	235	280
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	14.48	8.867	5.517
Short circuit ratings					
Symmetrical	kA (1sec)	0.129	0.193	0.315	0.51
Earth fault	kA (1sec)	2.19*	2.31*	2.53*	3.26*
(Single Phase) Volt Drop					
	mV/A/m	43.32	28.96	17.74	11.04

Last updated May 2006

When ordering please quote: primary + size + finish code

e.g. F4CC A910 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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