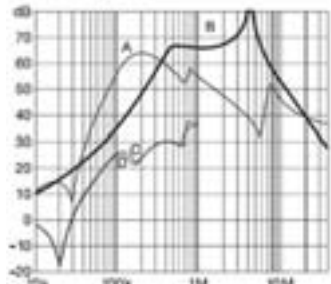


8 to 45A types



- Excellent filter performance for applications with high interference levels
- Available from 8 to 45A
- Filters for two-phase supply up to 2x 520 VAC
- Industrial grade terminal blocks for unsurpassed electrical safety

Voltage rating 250V
Operating temperature -25°C to +100°C

Current rating	Leakage Current			Mfrs. List No.	Order Code
	H	W	D		
8A	130	93	62	FN2410-8-44	110-0353
16A	130	93	62	FN2410-16-44	110-0354
25A	130	93	62	FN2410-25-33	110-0355
32A	130	93	76	FN2410-32-33	110-0356
45A	130	93	76	FN2410-45-33	110-0357
60A	165	115	100	FN2410-60-34	110-0358
80A	165	115	100	FN2410-80-34	110-0359
100A	165	115	100	FN2410-100-34	110-0360
8A	110	93	73	FN2412-8-44	110-0362
16A	110	93	73	FN2412-16-44	110-0363
25A	110	93	87	FN2412-25-33	110-0364
32A	110	93	87	FN2412-32-33	110-0365
45A	110	93	87	FN2412-45-33	110-0366

Rating	Order Code	Price Each				
		1+	5+	10+	25+	+
8A	110-0353	4,211.00	3,859.00	3,660.00	3,598.00	--
16A	110-0354	5,970.00	5,473.00	5,189.00	5,101.00	--
25A	110-0355	7,290.00	6,683.00	6,337.00	6,230.00	--
32A	110-0356	8,233.00	7,547.00	7,156.00	7,035.00	--
45A	110-0357	9,302.00	8,527.00	8,086.00	7,949.00	--
60A	110-0358	10,810.00	9,910.00	9,397.00	9,238.00	--
80A	110-0359	16,342.00	14,979.00	14,205.00	13,964.00	--
100A	110-0360	18,289.00	16,764.00	15,897.00	15,628.00	--
8A	110-0362	4,548.00	4,168.00	3,952.00	3,885.00	--
16A	110-0363	6,448.00	5,910.00	5,604.00	5,510.00	--
25A	110-0364	7,875.00	7,218.00	6,844.00	6,729.00	--
32A	110-0365	8,892.00	8,151.00	7,729.00	7,598.00	--
45A	110-0366	10,046.00	9,209.00	8,732.00	8,585.00	--

DIN Rail Filters



- General purpose DIN rail mounting filter for use in industrial applications and rack mounted equipment
- Compact design which offers high performance and VDR protection
- Can be used in conjunction with Roxburgh DIN rail surge suppressors
- Designed to meet IEC 950, UL, CSA and VDE requirements.

H=74, W=80, D=22.5

Rating	Inductance (mH)	Resistance Per Winding (MΩ)	Mfrs. List No.	Order Code
3A	3.2	71	DRF03	118-7691
6A	1.4	19	DRF06	118-7692
8A	1.5	15	DRF08	118-7694

Voltage rating 250V ac
Operating temperature -25°C to +85°C

Rating	Order Code	Price Each				
		1+	10+	25+	50+	+
1A	118-7690	3,565.00	3,319.00	3,111.00	2,444.00	--
3A	118-7691	3,565.00	3,319.00	3,111.00	2,444.00	--
6A	118-7692	3,565.00	3,319.00	3,111.00	2,444.00	--
8A	118-7694	3,804.00	3,542.00	3,256.00	2,636.00	--

Data Line Protectors

Data and Signal Line Protectors



H=55, W=120, D=19

- Use on data and signal lines to protect connected equipment from lightning and transient overvoltage damage
- Ultra low in-line resistance and extra high running current with ESP 06E, ESP 15E, ESP 30E and ESP 50E versions
- DIN rail or flat base/side mounting
- Simultaneous mounting and earthing kits for up to 4 or 8 protectors

- Colour coded terminals for quick and easy installation check
- IP66 enclosure available for up to 4 protectors (plus mounting kit)
- Fully tested to BS 6651 and Ofel approval NS/G/1235/W/100025

Mfrs List No.	Max Voltage	In-line Resistance	Max Line Current	Peak let-through voltage	Max Surge Current	Bandwidth	Order Code
ESPO6DFN.	7.79V	9.4Ω	300mA	10.5V	10kA	800kHz	188-487
ESP15DFN.	19V	9.4Ω	300mA	23.8V	10kA	2.5MHz	188-499
ESP30DFN.	37.1V	9.4Ω	300mA	43.4V	10kA	4MHz	188-505
ESPO6EFN.	7.79V	1Ω	1.25A	10.8V	10kA	1.5MHz	188-529
ESP15EFN.	16.7V	1Ω	1.25A	26.2V	10kA	>10MHz	188-530
ESP30EFN.	36.7V	1Ω	1.25A	44.3V	10kA	>10MHz	188-542
ESP50EFN.	56.7V	1Ω	1.25A	65.8V	10kA	>10MHz	188-554
CME4	Combined mounting/earthing kit for up to 4 protectors						188-669
WBX4	IP66 enclosure for protectors on a CME 4						188-694

Mfrs. List No.	Order Code	Price Each		
		1+	5+	10+
Protectors				
ESPO6DFN.	188-487	4,412.00	4,036.00	
ESP15DFN.	188-499	4,412.00	4,036.00	
ESP30DFN.	188-505	4,412.00	4,036.00	
ESPO6EFN.	188-529	5,444.00	4,982.00	
ESP15EFN.	188-530	5,444.00	4,984.00	
ESP30EFN.	188-542	5,444.00	4,984.00	
ESP50EFN.	188-554	5,444.00	4,984.00	
Mounting/Earthing Kits				
CME4	188-669	962.00	936.00	921.00
Enclosure-IP66				
WBX4	188-694	2,600.00	2,508.00	2,467.00

Telephone Line Protectors



- Use to protect telecom systems and equipment from lightning and transient overvoltage damage
- High performance long lifetime protection
- ESP TN for use on single pair telemetry or network lines (Order code: 188-566)
- ESP TN/B1/S offers all the protection of ESP TN boxed to IP66

- ESP TN/JP is ideal for protecting modems and other equipment with BT jack plug to socket connections (protects all 6 wires)
- Fully tested to BS 6651 and Ofel approval NS/G/1235/W/100025

Max. working voltage	145V	Max. line current	300mA
Peak 'let-through' voltage	200V	Max. surge current	10kA
In-line resistance	4-4Ω	Bandwidth	15MHz

Mfrs. List No.	Dimensions			Order Code	Price Each	
	H	W	D		1+	5+
ESPTN/B1S.	58	110	75	188-578	5,069.00	4,638.00
ESPTN/JP.	31	132	62	188-580	6,759.00	6,184.00
ESPTN.	55	120	19	188-566	4,412.00	4,036.00

CCTV Systems Protector



H=54, W=19, D=120

- DIN rail or flat base/side mounting
- Fully tested to BS 6651

Max. working voltage	6.45V	Max. line current	300mA
Peak 'let-through' voltage	17V	Max. surge current	10kA
In-line resistance	1Ω		

Mfrs. List No.	Order Code	Price Each	
		1+	5+
ESP CCTV/B.	188-591	5,444.00	4,984.00