Alarm Fuse Terminal Type AFT

AFT Series provides complete modular system for mounting PO44A fuses. Systems can be easily built up on TS32 rail and then fitted into cubicles, panels etc.

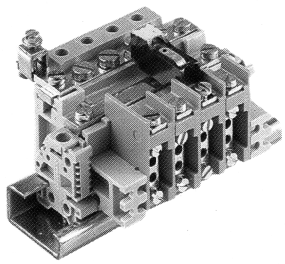
Combination of System

Common Inputs
Common Alarms
Individual Inputs
Individual Alarms etc.

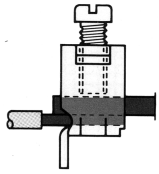
Extra ways can be added for future extension.

The modern styles of the AFT will blend with other parts of the equipment and would enhance its appearance.

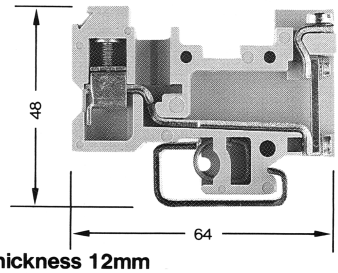
All known requirements of PO44A fuse holders have been met e.g. paint slot for rating identification/correct screw sizes. Special finish on alarm rail. More than 3 turns of thread are provided on all screws. Clamps or ring type connections can be used on the alarm or main busbar.



Screw Clamp Connections

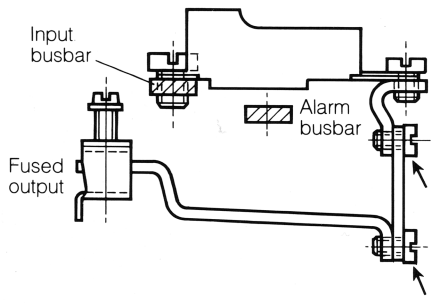


AFT Common Input/Common Alarm 50V 9A



Thickness 12mm

Technical Data			
Conductor size	Solid (mm²)	0.5–10	
	Stranded (mm²)	0.5–6	
Insulation stripping length	(mm)	13	
Fuse type		PO 44/A	
Ordering Data			**Cat. No.**
Moulding material	Melamine		033322
When ordering EEx'e' and Ex'N' terminals, add suffix 'e' or 'N' to the catalogue number			
Approvals			
All Approvals are listed in Approvals Guide		**CEGB** (SP)	
Terminal Rail (2m)			
	Steel	TS 32	012280
	Steel (M6 Slots)	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270
End Bracket (thickness mm)			
End Plate (thickness mm)			
	Melamine	AP (1.5)	033302
Support Bracket (thickness mm)			
		SBr (10.5)	033316
Busbar Connection			
Includes current rail and yoke with screw		BBC	035220
Alarm Busbar			
Standard length 25 ways		ABB	033340
Available 1–50 ways on request			
Main Busbar			
Standard length 25 ways		MBB	033330
Available 1–50 ways on request			
Spare Screw			
For ABB location		BS (M4 x 9)	020920



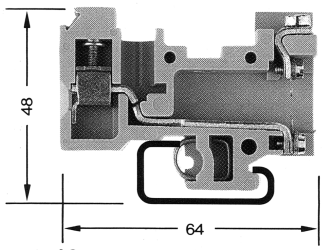
(↑ = spring washer fitted)

Marking Tags	
All marking systems are shown in Section T6	DEKAFIX — Section T6

For additional accessories see Section T6

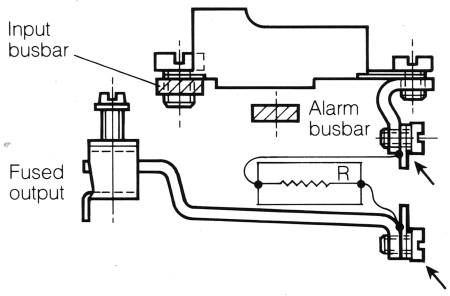
AFT 50V 9A

Common Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	050042
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

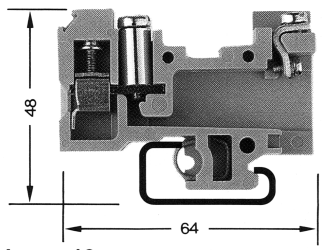


(↑ = spring washer fitted)

DEKAFIX — Section T6

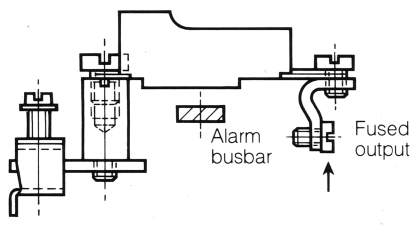
AFT 50V 9A

Individual Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	035232
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

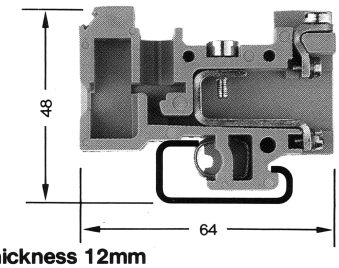


(↑ = spring washer fitted)

DEKAFIX — Section T6

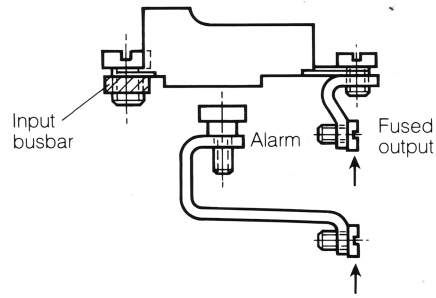
AFT 50V 9A

Common Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	035242
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

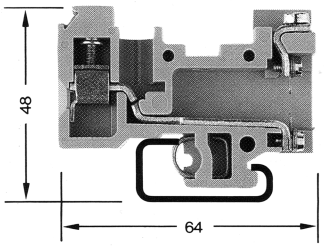


(↑ = spring washer fitted)

DEKAFIX — Section T6

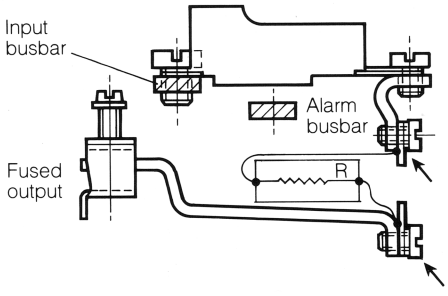
AFT 50V 9A

Common Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	050042
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

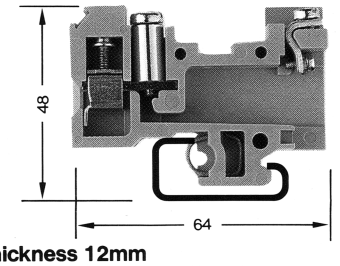


(↑ = spring washer fitted)

DEKAFIX — Section T6

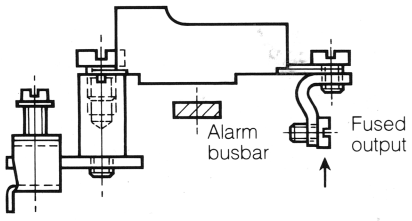
AFT 50V 9A

Individual Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	035232
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

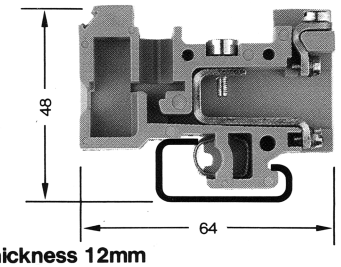


(↑ = spring washer fitted)

DEKAFIX — Section T6

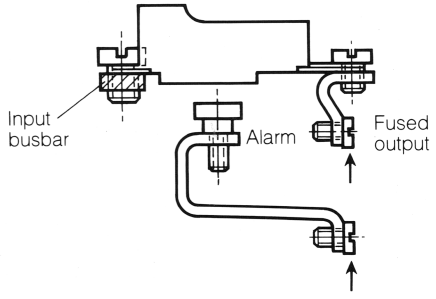
AFT 50V 9A

Common Input/Common Alarm



Thickness 12mm

0.5–10	
0.5–6	
13	
PO 44/A	
	Cat. No.
	035242
CEGB	
TS 32	012280
TS 32	067610
SST 3	015270
AP (1.5)	033302
SBr (10.5)	033316
BBC	035220
ABB	033340
MBB	033330
BS (M4 x 9)	020920

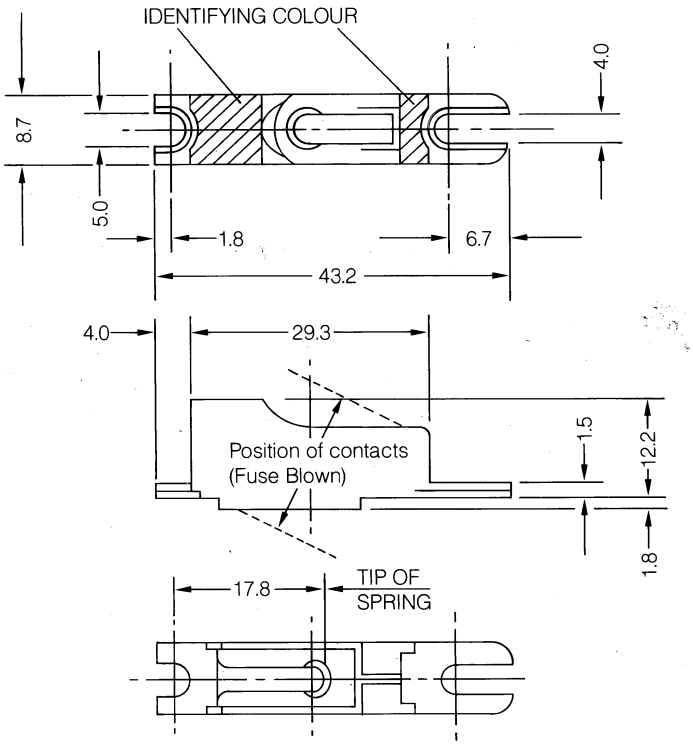


(↑ = spring washer fitted)

DEKAFIX — Section T6

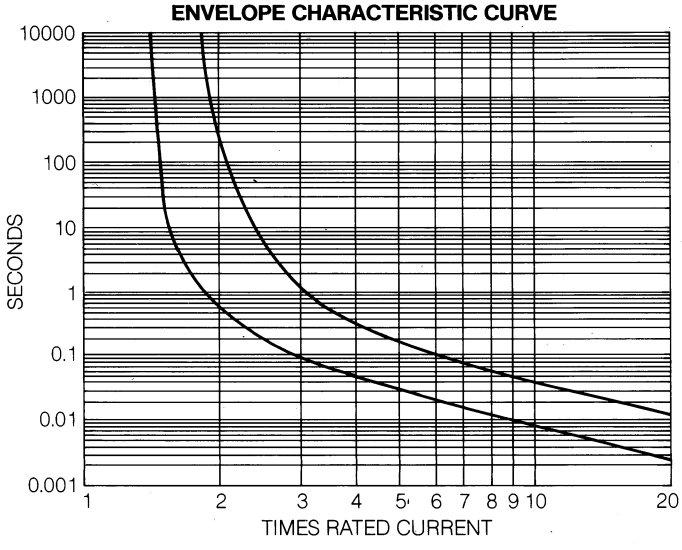
P044/A Fuses

Low voltage alarm and indicating mounting fuselink
Phenolic moulded body



% RATED CURRENT / PERFORMANCE	PERFORMANCE DATA					
	100		150		220	
	MIN	MAX	MIN	MAX	MIN	MAX
	1000 HRS	—	10 SEC	—	—	30 SEC

ENVELOPE CHARACTERISTIC CURVE



With acknowledgement to Kenneth E. Beswick Ltd.

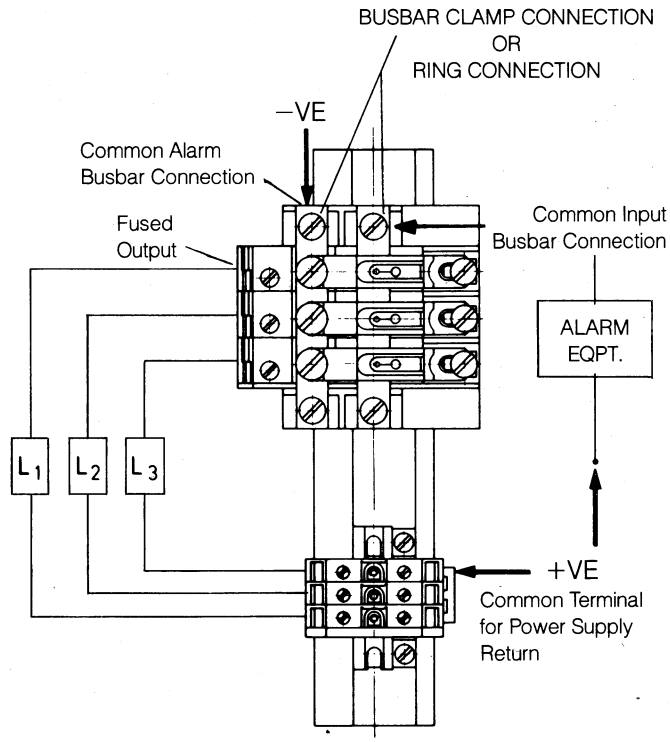
Standard Fuse		Cat. No.
.25A	Brown	043420
.5A	lt. French Blue	043430
1A	Lemon	043440
1.5A	Red	043450
2A	Violet	043460
3A	Black	043470
4A	Grey	043480
5A	Green	043490
6A	White	043500

Non-standard Fuses (coded to TDP 44 and rating otherwise to PO specification)		Cat. No.
.75A	Salmon Pink	043510
2.5A	Orange	043520
3.5A	Blue & Black	043530
4.5A	Dark Brown	043540
9A	Orange & White	043550
15A	Orange & Green	381870

A typical 3-way assembly with Common Input and Common Alarm as illustrated would be built up as follows:-

3	Terminal Blocks	AFT 033322
2	End Section	AP 033302
2	Support Brackets	SBr 033316
1	Alarm Busbar	ABB 3 ways
1	Main Busbar	MBB 3 ways
2	Busbar Connections	Busbar connections can be made by ring crimps, etc., or by screw clamp connector type BBC 035220

Plus 3 ways of SAKR, or SAK 2.5 if required, for return connection all mounted on a suitable length of TS 32 channel.



Note:-

Standard SAK terminal blocks can also be mounted on the TS 32 assembly rail for the +VE terminations.

We suggest:-

SAKR for disconnect connections (cross connect, using the required length of QB 25 013400, as necessary).

SAK 2.5 for feed-through connections (cross connect using the required length of QL as necessary).