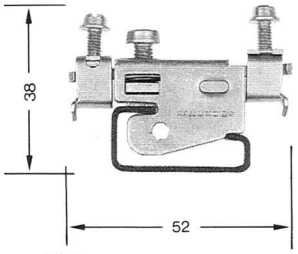
EK 2
65A



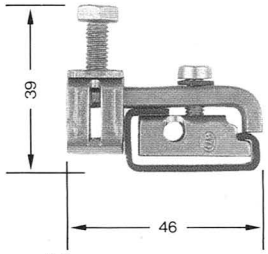
Thickness 10.2mm

1.5–16	
1.5–10	
14	
	Cat. No.
	032310

VDE

Type	Cat. No.
TS 32	012280
TS 32	067610

SAKE 35
145A



Thickness 14mm

6–35	
16	
	Cat. No.
	014440

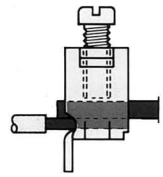
VDE

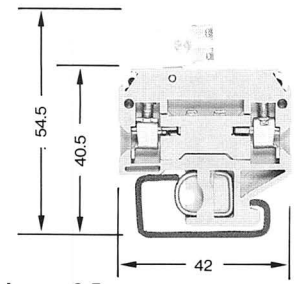
Type	Cat. No.
TS 32	012280
TS 32	067610

Disconnect Terminals Type SAKR DKT 4 ASK 1

Disconnect lever Screw Clamp Connections

SAKR
440V 10A





Thickness 6.5mm

All Klippon Disconnect Terminals are suitable for use in test and measurement circuits, the range of disconnect terminals has been developed to give combined isolation and test-lead connection facilities, without disconnection of conductors.

The SAKR has a hinged lever giving a knife-edge disconnect action with tin-lead plated phosphor bronze contacts guaranteeing a high number of operations with a low through resistance. Operation of the lever can be by hand or with a small screwdriver. The disconnect lever has positive positioning when either open or closed, giving obvious visible indication of the circuit condition. Due to its small dimensions this terminal type is often used in signal circuits. The version with socket screws accepts 2.3mm diameter test plugs.

In the SAKRD terminal the disconnect lever is replaced by a polarised plug-in component holder which will accept a resistor or diode up to 10mm length and 3.5mm diameter and with a maximum load of 0.25 watt. Component holders can also be supplied empty, with a fixed link or with a diode fitted. See Interface and Control Modules Catalogue.

The DKT4 terminal is a double-deck terminal featuring a disconnect knife-edge in between the upper terminal screw clamps and a straight-through connection in the lower half.

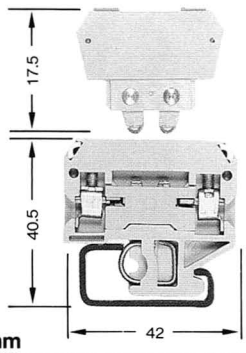
Terminal type ASK 1 the disconnecting part consists of a brass sleeve mounted in a hinged lever. This can be used a neutral disconnect terminal in conjunction with ASK 1 fuse terminal (see page T1/67). Ganging up on the levers can be effected using plastic strip SSch 2.

NOTE: Disconnect terminals are not intended to be used as "on load" isolation, and the supply must be switched off before the operation of the disconnect device.

Technical Data						
Conductor size	Solid (mm²)	0.22–4				
	Stranded (mm²)	0.22–4				
Insulation stripping length	(mm)	8				
Ordering Data		**Cat. No.**				**Cat. No.**
Moulding material	Polyamide ○	041226	with Socket Screws	with Cheesehead Screws		041216
When ordering EEx'e' and Ex'N' terminals, add suffix 'e' or 'N' to the catalogue number	Polyamide ○	041228				041218
	Melamine ●	041222				041212
	Melamine ●	041227				041217
Approvals						
All Approvals are listed in Approvals Guide		CEGB (SP) VDE				
Terminal Rail (2m)		**Type**				**Cat. No.**
	Steel	TS 32				012280
	Steel (M6 Slots)	TS 32				067610
Locking pin (1m) — optional	Steel	SST 3				015270
End Bracket (thickness mm)						
		EWK 1 (8.5)				020616
End Plate (thickness mm)						
	Polyamide ○	AP (1.5)				021136
	Polyamide ○	AP (1.5)				021138
	Melamine ●	AP (1.5)				021132
	Melamine ●	AP (1.5)				021137
Partition (thickness mm)						
	Resin bonded paper					
Cross Connections						
Insulated comb	2 way	QB 2				048270
	3 way	QB 3				048280
	4 way	QB 4				048290
Uninsulated comb	75 way					
Uninsulated comb	25 way	QB 25				013400
Insulation profile						
Hinged Carrier (spare)						
Test Plug						
	Plug (fits terminal Socket Screws)	PS (2.3Ø)				018040
Solid Brass Link						
Cover (1m)						
	Transparent cover	ADP 2				048530
	Support bracket	HP 2				048566
Marking Tags						
All marking systems are shown in Section T6		DEKAFIX — Section T6				

For additional accessories see Section T6

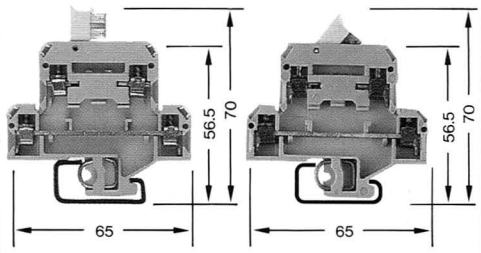
SAKRD
440V 10A



Thickness 6.5mm

0.22–4	
0.22–4	
8	
Cat. No.	**Cat. No.**
041316 with Socket Screws	with 041306 Cheesehead Screws
CEGB	
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (1.5)	021136
QB 2	048270
QB 3	048280
QB 4	048290
QB 25	013400
PS (2.3Ø)	018040
ADP 2	048530
HP 2	048566
DEKAFIX — Section T6	

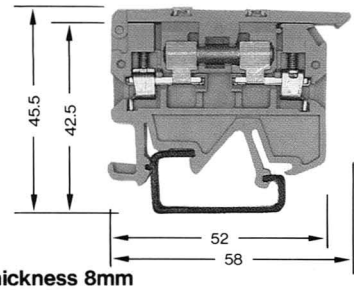
DKT 4
440V 10A



Thickness 6mm

0.22–4	
0.22–4	
8	
Cat. No.	**Cat. No.**
067426 with Socket Screws	with 068736 Cheesehead Screws
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (1.5)	068756
TW (2)	060700
QB 2	048270
QB 3	048280
QB 4	048290
QB 75	052640
IP	052670
PS (2.3Ø)	018040
ADP 2	048530
HP 2	048566
DEKAFIX — Section T6	

ASK 1
500V 6.3A



Thickness 8mm

0.22–4	
0.22–4	
9	
	Cat. No.
	045636
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (1.5)	038036
QB 2	046110
QB 3	046120
QB 4	046130
TH	037706
SBL	044600
ADP 3	048540
HP 3	048586
DEKAFIX — Section T6	

Disconnect Terminals Type SAKC

Disconnect plug type terminals employ multi-contact Beryllium Copper springs which mate with a hole in the current bar and thus ensures a high number of operations whilst maintaining a low through resistance.

The SAKC 4 type fitted with socket head screws accepts 2.3mm dia. test plugs. When these terminal types are assembled in banks it is advisable to use the plug extractor (Tst) for withdrawing the plug due to the close proximity of the adjacent plugs.

The SAKC 10 type accepts 4.00mm dia test plugs. The SAKC 10 has facility for plugging in test and measuring instruments and permits cross connection to adjacent terminals. A red band on the plug handle indicates correct insertion.

NOTE: Disconnect terminals are not intended to be used as "on load" isolation, and the supply must be switched off before the operation of the disconnect device.

Disconnect Plugs


TSt 052950

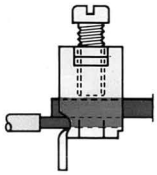

BSt Dummy plug 065730


TSt 046270

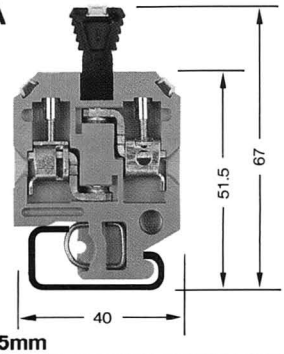

TSt 033990 NP


TSt Extractor 062306

Disconnect Plug Screw Clamp Connections



SAKC 4
440V 25A

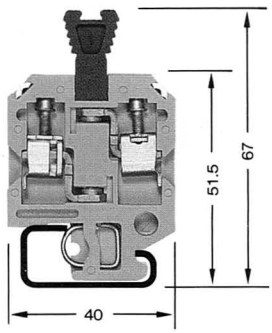


Thickness 6.5mm

Technical Data			
Conductor size	Solid (mm²)	0.5–6	
	Stranded (mm²)	0.5–4	
Insulation stripping length	(mm)	12	
Ordering Data			**Cat. No.**
Moulding material	Melamine ●	with cheesehead screws	034072 NP
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	
Terminal Rail (2m)		**Type**	**Cat. No.**
	Steel	TS 32	012280
	Steel (M6 Slots)	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270
End Bracket (thickness mm)		EWK 1 (8.5)	020616
End Plate (thickness mm)			
	Melamine ●	AP (1.5)	011792
Partition (thickness mm)			
	Melamine ●	TW (1.5)	013012
	Polyamide		
	Resin bonded paper		
Cross Connections			
Q unit (See Section T6)	2 way		
	3 way		
	4 way		
	10 way		
	Sleeve		
	Screw		
	Washer		
	Bipole plug		
Test Plug			
	Plug (fits Socket Screws)		
	Plug bolt		
Spare Disconnect Plug			
	Disconnect plug	TSt	033990 NP
	Dummy plug (Red)		
	Plug Extractor (Red)	TSt Extractor	062306
Cover (1m)			
	Transparent cover	ADP 2	048530
	Support bracket	HP 2	048566
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

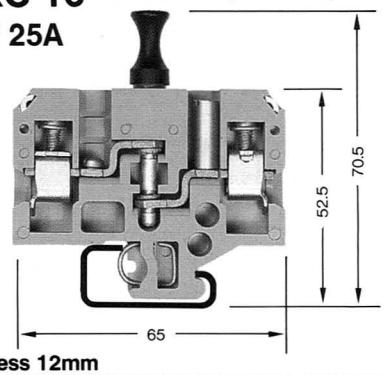
SAKC 4
440V 25A



Thickness 6.5mm

0.5–6	
0.5–4	
12	
	Cat. No.
with socket screws	034062 NP
CEGB	
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (1.5)	011792
TW (1.5)	013012
PS (2.3Ø)	018040
TSt	033990 NP
TSt Extractor	062306
ADP 2	048530
HP 2	048566
DEKAFIX — Section T6	

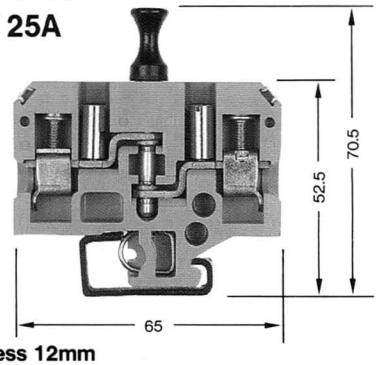
SAKC 10
600V 25A



Thickness 12mm

0.75–16	
0.75–10	
12	
	Cat. No.
	032402 NP
CEGB	
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 2 (15)	019936
AP (3)	014672
TW (3)	024292
TW (1.5)	024296
TW (0.5)	047470
QL 2	013550
QL 3	013560
QL 4	013570
QL 10	033850
VH 14	029970
BS (M4 x 20)	036280
SS (M4)	013640
QS 2	027076
PS (4Ø)	029960
StB 17	014710
TSt	046270
BSt	065730
ADP 3	048540
HP 3	048576
DEKAFIX — Section T6	

SAKC 10
600V 25A



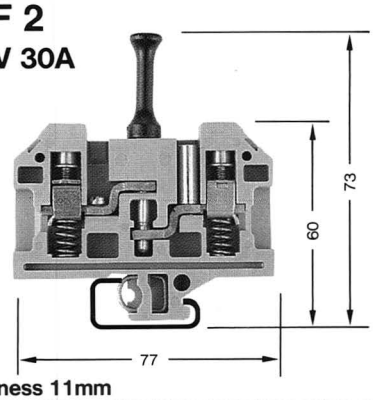
Thickness 12mm

0.75–16	
0.75–10	
12	
	Cat. No.
	032412 NP
CEGB	
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 2 (15)	019936
AP (3)	014672
TW (3)	024292
TW (1.5)	024296
TW (0.5)	047470
QL 2	013550
QL 3	013560
QL 4	013570
QL 10	033850
VH 14	029970
BS (M4 x 20)	036280
SS (M4)	013640
QS 2	027076
PS (4Ø)	029960
TSt	046270
BSt	065730
ADP 3	048540
HP 3	048576
DEKAFIX — Section T6	

Disconnect Terminal Type RSF 2

Disconnect Plug Spring loaded Screw Clamp Connections

RSF 2
660V 30A

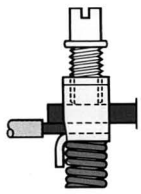


Thickness 11mm

Spring Loaded Terminals
These spring loaded terminals were designed specifically to meet the stringent requirements of C.E.G.B. Category 1 terminals as specified in ESI 12-1 (new draft ESI 50-18).

The clamping yokes are type 'B' to ESI 12-1 i.e. screw clamp/spring loaded insertion type, to accommodate two hooked bladed crimp terminals to ESI 12-2. The hooks locate in the slots in the current bar behind the screw clamp the second crimp on the underside of the clamp.

This disconnect terminal RSF 2 is not intended to be used as 'ON LOAD' isolation, and the supply must be switched off before interrupting the circuit.



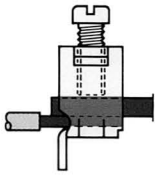
Technical Data			
Conductor size	Solid (mm²)	0.75–16	
	Stranded (mm²)	0.75–10	
Insulation stripping length	(mm)	12	
Ordering Data			**Cat. No.**
Moulding material	Melamine ●	Complete with disconnect plug	062332
When ordering EEx'e' and Ex'N' terminals, add suffix 'e' or 'N' to the catalogue number	Melamine ●	Complete with long-handled disconnect plug	062312
Approvals			
All Approvals are listed in Approvals Guide			
Terminal Rail (2m)		**Type**	**Cat. No.**
	Steel	TS 32	012280
	Steel (M6 Slots)	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270
End Bracket (thickness mm)		EWK 2 (15)	019936
End Plate (thickness mm)	Melamine ●	AP (3)	030142
Cross Connections			
	2 way	QL 2	026740
	3 way	QL 3	026750
	4 way	QL 4	026760
	10 way	QL 10	034170
	Screw Bolt	SB 13.5	013530
	Screw	BS (M4 x 6)	014970
	Bi-pole plug	QS 2	027076
Spare Disconnect Plugs			
		TSt	046270
	Long handle plug	TSt LH	052950
	Dummy plug (Red)	BSt	387806
Test Plug			
	Plug	PS (4Ø)	029960
	Plug bolt	StB 17	014710
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

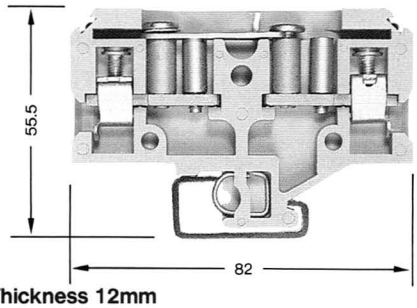
For additional accessories see Section T6

Disconnect Terminals Type SAKA

Slide Link Disconnect Screw Clamp Connections

SAKA 10
600V 47A





Thickness 12mm

Disconnect with Slide Link Type SAKA is for measuring and test purposes, the sliding disconnecting device allowing the circuit to be opened and closed for the insertion of a measuring instrument without having to disturb the permanent wiring. A circuit may easily be monitored by inserting a test plug into the plug bolt provided.

The SAKT range of disconnect terminals are based on the operation of a captive disconnecting slider which is operated using a normal screwdriver. The yellow guide sleeve on the screw indicates the position of the disconnect slider in both the open and closed conditions. Accessories to achieve the required circuit arrangements can be fitted after assembling the terminals onto the mounting rail. Plug bolts allow the easy connection of test or measuring instruments.

The SAKT1 comes in three designs:- through disconnect, cross-disconnect or feed through terminal. By the combination of these designs the solution can be found to any particular circuit requirement. Plug bolts for test plugs and cross-connections can be arranged as required.

The SAKT2 comes as a through disconnect terminal with test plug points and cross-connection points on both sides of the disconnect slider. Cross connection can be either by fixed links or disconnect sliders. This type of circuit is required when short-circuiting current transformers prior to taking test measurements.

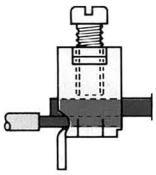
Cross connection links QVS are designed so that the test plug bolts for the test plugs are kept free in each position. The SAKT4 is a smaller version of SAKT1 being only 6mm wide and is designed for use in interface connection to electronic equipment and for remote control applications.

Some practical applications for disconnect type terminals are shown on pages T1/62 to T1/65.

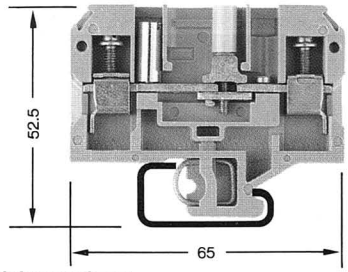
NOTE: Disconnect terminals are not intended to be used as "on load" isolation, and the supply must be switched off before the operation of the disconnect device.

Technical Data		
Conductor size	Solid (mm²)	0.75–16
	Stranded (mm²)	0.75–10
Insulation stripping length	(mm)	12
Ordering Data		**Cat. No.**
Moulding material	Melamine ●	013412
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		ⓈⓇ
Terminal Rail (2m)		**Type** / **Cat. No.**
	Steel	TS 32 — 012280
	Steel (M6 Slots)	TS 32 — 067610
Locking pin (1m) — optional	Steel	SST 3 — 015270
End Bracket (thickness mm)		
		EWK 2 (15) — 019936
End Plate (thickness mm)		
		AP (3) — 013422
Cross Connections		
	2 way	QL 2 — 013550
	3 way	QL 3 — 013560
	4 way	QL 4 — 013570
	10 way	QL 10 — 033850
	Sleeve	VH 23 — 034870
	Washer	BS (M4 x 30) — 026710
	Screw	SS (m4) — 013640
	Bi-pole plug	QS 2 — 027076
Test Plugs		
	Plug	PS (4Ø) — 029960
	Plug bolt	StB 13.5 — 013520
Cover (1m)		
	Transparent cover	ADP 3 — 048540
	Support bracket	HP 4 — 048586
Marking Tags		
All marking systems are shown in Section T6		DEKAFIX — Section T6

Slide Link Disconnect Terminals Type SAKT Screw Clamp Connections

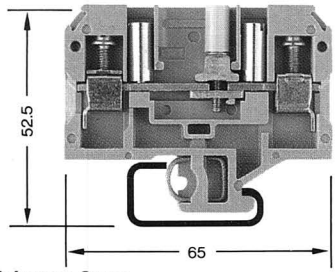


SAKT 1
440V 25A



Thickness 8mm

SAKT 1
440V 25A

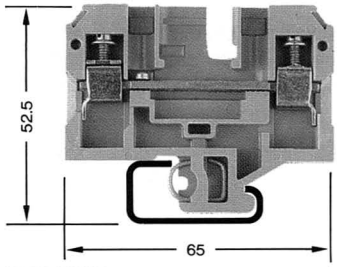


Thickness 8mm

Technical Data					
Conductor size	Solid (mm²)	0.5–10		0.5–10	
	Stranded (mm²)	0.5–6		0.5–6	
Insulation stripping length	(mm)	12		12	
Ordering Data			**Cat. No.**		**Cat. No.**
Moulding material	Melamine ●		053112		043792
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		ⓢⓕ ᴿᵁ		ⓢⓕ ᴿᵁ	
Terminal Rail (2m)		**Type**	**Cat. No.**	**Type**	**Cat. No.**
	Steel	TS 32	012280	TS 32	012280
	Steel (M6 Slots)	TS 32	067610	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270	SST 3	015270
End Bracket (thickness mm)					
		EWK 1 (8.5)	020616	EWK 1 (8.5)	020616
End Plate (thickness mm)					
		AP (3)	014672	AP (3)	014672
Partition (thickness mm)					
	Polyamide ○	TW (1.5)	024296	TW (1.5)	024296
	Melamine ●	TW (3)	024292	TW (3)	024292
	Resin bonded paper	TW (0.5)	047470	TW (0.5)	047470
Small partition	Polyamide ○				
Cross Connections					
	2 way	QL 2	019430	QL 2	019430
	3 way	QL 3	019440	QL 3	019440
	4 way	QL 4	019450	QL 4	019450
	10 way	QL 10	033830	QL 10	033830
	Sleeve	VH 13.5	024850	VH 13.5	024850
	Screw	BS (M3 x 20)	030300	BS (M3 x 20)	030300
	Bi-pole plug	QS 2 (Fits into StB 14 — 016990 or ZS — 024960)	027096	QS 2 (Fits into StB 14 — 016990 or ZS — 024960)	027096
Switchable Link					
	2 way	VL 2	019470	VL 2	019470
	Sleeve	VH 19	028510	VH 19	028510
	Screw	BS (M3 x 25)	029250	BS (M3 x 25)	029250
	Washer	SS (M3)	016440	SS (M3)	016440
Test Plug					
	Plug	PS (2.3Ø)	018040	PS (2.3Ø)	018040
	Plug bolt	StB 14	016860	StB 14	016860
	Adapter 2.3Ø to 4Ø	ZS 2.3/4	024960	ZS 2.3/4	024960
	Plug	PS (4Ø)	029960	PS (4Ø)	029960
	Plug bolt	StB 14	016990	StB 14	016990
Disconnect Lock					
		SSP 3	053176	SSP 3	053176
Cover (1m)					
	Transparent cover	ADP 3	048540	ADP 3	048540
	Support bracket	HP 4	048586	HP 4	048586
Marking Tags					
All marking systems are shown in Section T6		DEKAFIX — Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

SAKT 1
440V 25A



Thickness 8mm

0.5–10
0.5–6

12

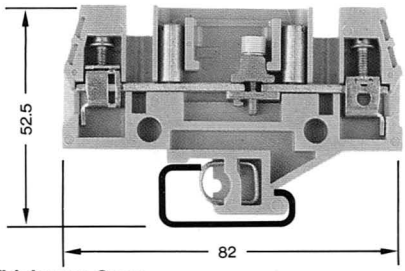
	Cat. No.
	019562

CSA VDE

Type	Cat. No.
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (3)	014672
TW (1.5)	024296
TW (3)	024292
TW (0.5)	047470
QL 2	019430
QL 3	019440
QL 4	019450
QL 10	033830
VH 13.5	024850
BS (M3 x 20)	030300
QS 2 (Fits into StB 14 — 016990 or ZS — 024960)	027096
VL 2	019470
VH 19	028510
BS (M3 x 25)	029250
SS (M3)	016440
PS (2.3Ø)	018040
StB 14	016860
ZS 2.3/4	024960
PS (4Ø)	029960
StB 14	016990
ADP 3	048540
HP 4	048586

DEKAFIX — Section T6

SAKT 2
440V 25A



Thickness 8mm

0.5–10
0.5–6

12

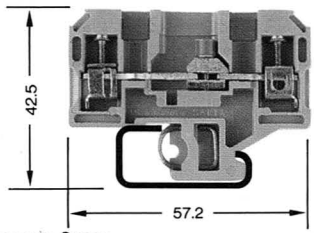
	Cat. No.
	033062

VDE

Type	Cat. No.
TS 32	012280
TS 32	067610
SST 3	015270
EWK 2 (15)	019936
AP (2.5)	032912
TW (2.5)	035182
TSch 2	035366
QL 2	019430
QL 3	019440
QL 4	019450
QL 10	033830
VH 13.5	024850
BS (M3 x 20)	030300
QS 2 (Fits into StB 14 — 016990 or ZS — 024960)	027096
PS (4Ø)	029960
SSP 3	053176
ADP 3	048540
HP 4	048586

DEKAFIX — Section T6

SAKT 4
380V 26A



Thickness 6mm

0.5–6
0.5–4

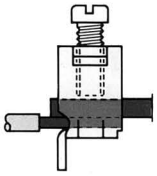
10

	Cat. No.
	025412

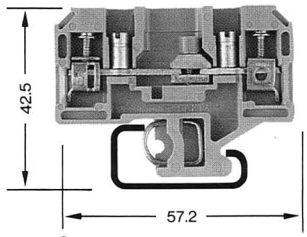
Type	Cat. No.
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (1.5)	024492
TSch 2	035366
QL 2	015590
QL 3	015600
QL 4	015610
QL 10	033810
VH 8	026670
BS (M3 x 15)	037720
PS (2Ø)	029380
StB 8.5	024460

DEKAFIX — Section T6

Slide Link Disconnect Terminals Type SAKT Screw Clamp Connections



SAKT 4
440V 26A



Thickness 6mm

Technical Data			
Conductor size	Solid (mm²)	0.5–6	
	Stranded (mm²)	0.5–4	
Insulation stripping length	(mm)	10	
Ordering Data			**Cat. No.**
Moulding material	Melamine ●		031032
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			
Terminal Rail (2m)		**Type**	**Cat. No.**
	Steel	TS 32	012280
	Steel (M6 Slots)	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270
End Bracket (thickness mm)			
		EWK 1 (8.5)	020616
End Plate (thickness mm)			
		AP (1.5)	024492
Partition (thickness mm)			
	Polyamide		
	Melamine ●		
	Resin bonded paper		
Small partition	Polyamide	TSch 2	035366
Cross Connections			
	2 way	QL 2	015590
	3 way	QL 3	015600
	4 way	QL 4	015610
	10 way	QL 10	033810
	Sleeve	VH 8	026670
	Screw	BS (M3 x 15)	037720
	Bi-pole plug		
Switchable Link			
	2 way		
	Sleeve		
	Screw		
	Washer		
Test Plug			
	Plug	PS (2Ø)	029380
	Plug bolt	StB 8.5	024460
	Adapter 2.3Ø to 4Ø		
	Plug		
	Plug bolt		
Disconnect Lock			
Cover (1m)			
	Transparent cover		
	Support bracket		
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

General Comments for the Application of Disconnect Terminals

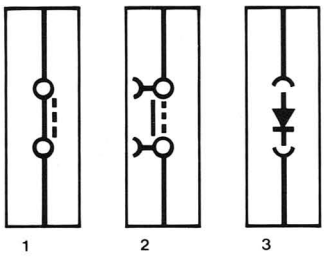
All Klippon rail-mounted terminals are suitable in principle for test instrumentation circuits. Each 'standard' feed-through terminal is designed such that certain circuits can be arranged by means of a test plug or a cross-connection. The intricate task of meeting all requirements of C.T. circuits associated with Power Generation equipment is not a simple problem.

Klippon however offer a number of test and instrumentation terminals which should help to solve wiring problems more easily. The following pages show some examples of practical applications. However our specialists are always available, to assist with any problems.

WARNING NOTICE
DISCONNECT DEVICES are not intended to be used as 'on load' isolation, and the supply MUST BE SWITCHED OFF before the removal or insertion of plugs, or the operating of slide links, etc.

Lever Disconnect

Test Terminal type SAKR
This design is primarily used in signalling circuits due to its small dimensions. The disconnecting link is a swivel mounted lever firmly attached.
The SAKR has a knife blade contact and by lifting the hinged tab the knife blade is withdrawn, disconnecting the circuit. The hinged tab is recessed in the terminal moulding to prevent casual operation. Some SAKR types are fitted with socket screw clamps which enable tests to be made using test plug PS. SAKRD is based on the standard SAKR terminal except that in place of the disconnect lever a polarised plug-in component holder DLS 2 is fitted. This is designed to house small diodes, resistors, etc., and the selected component can be fitted by soldering or using the two screw connections provided. DKT4 terminal has same disconnect function.

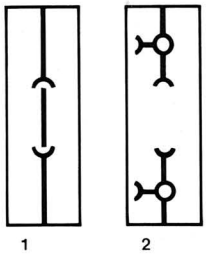


Terminal 1
SAKR — Disconnect lever closed.
Terminal 2
SAKR — with 2.3mmØ plug bolts in place of the clamping screws and disconnect lever open.
Terminal 3
SAKRD with component holder.

Plug Disconnect

Test Terminal type SAKC
Disconnect terminals SAKC 4 and SAKC 10 incorporate a plug as this disconnect feature. Disconnecting and closing of the current and voltage circuits is therefore attainable and without any tool. The plug design ensures a low contact resistance even after a high number of connect/disconnect operations.

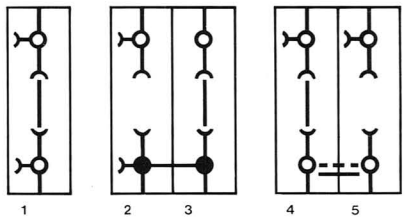
SAKC 4 features the use of a disconnecting plug to open or interrupt a circuit. The insulating part of the disconnecting plug is rectangular and by design locates firmly in the top of the moulding, while the metal part locates firmly in the current bars ensuring a good electrical contact. The circuit is interrupted when the plug is withdrawn so that it can be turned 90 degrees (a plug extractor is available). The current capacity of the plug is 25A. Cross connection is not possible.



Terminal 1
SAKC 4 — with disconnecting plug in position.
Terminal 2
SAKC 4 — with 2.3mmØ plug bolts replacing clamping screws and disconnect plug removed.

Plug Disconnect

Type SAKC 10 features the use of a disconnecting plug to open or interrupt a circuit. The insulating part of the disconnecting plug is circular and the lower end incorporates a red band which gives visual indication that the plug is correctly and completely inserted. The red band is not visible when the plug is pressed home and contact made. The current capacity of the plug is 25A.
Plug bolts allow for the connection of test and measuring instruments, and permit cross connections to be made to adjacent terminals, using QS plugs.
Permanent cross connections can be sited on both sides direct to the current bars.



Terminal 1
SAKC 10 with disconnect plug and two 4.0mmØ plug bolts.
Terminal 2 and 3
Connected through permanent cross connection link QL directly onto the current bar. Terminal 2 with the disconnect plug removed.
Terminal 4 and 5
Cross connected with switchable link VL, Terminal 5 without disconnect plug.

Type RSF 2 has been designed to accommodate the demand for a disconnecting terminal block suitable for hooked blades which are crimped to conductors, the hooked ends locating either into the slotted current bar or behind the clamps. Plug bolts are available to provide for the insertion of test and measuring devices. Screw bolts, which like the plug bolts are screwed into the tapped current bar, facilitate cross connection to adjacent terminals.

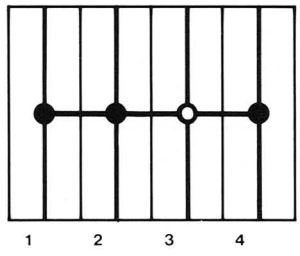
Type SAKB is also for measuring and test purposes. By the use of test plug bolts which are screwed into the current bar test instruments can be plugged into the circuit and readings taken without disturbing the permanent wiring. Cross connections can be quickly made.

Slide-link Disconnect

Type SAKA is for measuring and test purposes, the sliding disconnecting device allowing the circuit to be opened and closed for the insertion of a measuring instrument without having to disturb the permanent wiring. A circuit may easily be monitored by inserting a test plug into the plug bolt provided.

Test Terminal type SAKT
The disconnecting terminal SAKT 1 and SAKT 2 are based on the same design principle. The disconnecting of current or voltage circuits is done by a slide clamp securely attached to the terminal, which can be actuated by a normal screwdriver. The switching location is easily discernable, the disconnecting screw having a yellow insulating sleeve. The accessories necessary for solving connect/disconnect operations can be inserted after installation of the terminal assembly.
For measuring and test purposes SAKT feature a sliding clamp to open the circuit. Plug bolts allow the easy connection of test or measuring instruments, and cross connection can be made as required. A special feature of the SAKT range is the achievement of small dimensions without sacrificing any facilities.

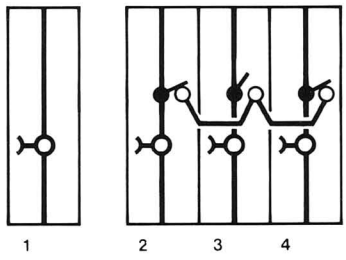
Type SAKT being a slide link terminal can achieve in its basic conception all possible connections occuring in practice. The accessories for this terminal contribute greatly to the neatness of the arrangement.



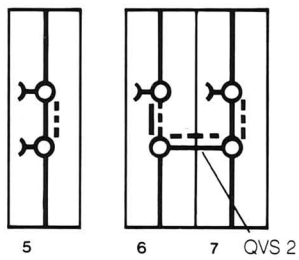
Terminal 1, 2 and 4
cross connected using QL 4, distance sleeves and screws.
Terminal 3
by removal of the screw cross-connection disconnected.

Slide-link Disconnect

Type SAKT 1
Is available in three designs.
Sliding link terminal.
Cross-connection link terminal.
Feed-through terminal.
The combinations of these designs enable the user to carry out various connections. Plug bolts can be arranged in all designs for test plugs.



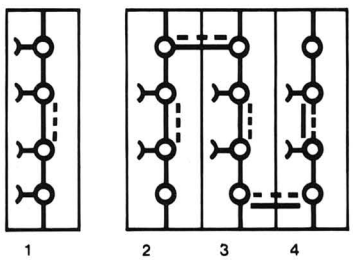
Terminal 1
SAKT 1 as feed-through terminal with additional plug bolt.
Terminal 2, 3 and 4
SAKT 1 as cross-connecting link terminal (Cat. No. 026932).
Terminal 3 — by sliding the slide link disconnection of the cross-connection is achieved.



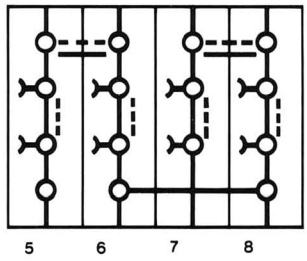
Terminal 5
SAKT 1 as sliding link terminal with 2 plug bolts; slide link closed.
Terminal 6 and 7
Slide link terminal connected by QVS; terminal 6; slide link open.

Slide-link Disconnect

Type SAKT 2 has on each side of the disconnection, two points for the testing plug or cross-connections. Cross-connections can be made as fixed bridges or as cross-connection links. These cross-connection links are especially important for short-circuiting instrument transformers.



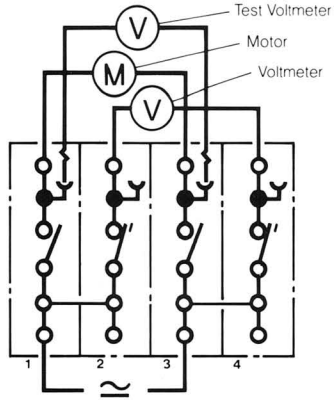
Terminal 1
SAKT 2 Disconnect terminal with 4 plug bolts; disconnect position closed.
Terminal 2, 3 and 4
SAKT 2 With QVS 2, Terminal 2 and 3 connected, Terminal 3 and 4 disconnected, Terminal 4 slide link connection open.



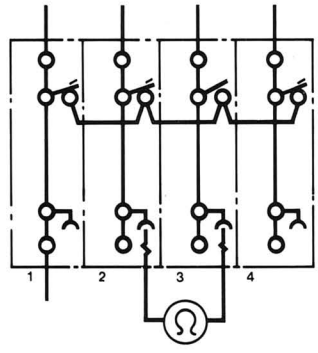
Terminal 5 to 8
SAKT 2 With QVS between terminals 5-6 and 7-8, both disconnected; permanent cross connection on terminals 6 and 8.

Typical Test Circuit Applications

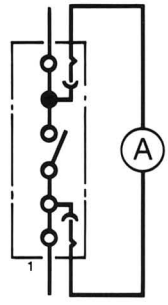
Voltage Measurement with permanent meter on supply side and meter plugged in on consumer side. Motor circuit is still disconnected.
4 Terminals SAKT 043792.



Line Insulation Test between terminals 1, 2, 4 and 3 with plugged-in instrument.
4 Terminals SAKT 026932.

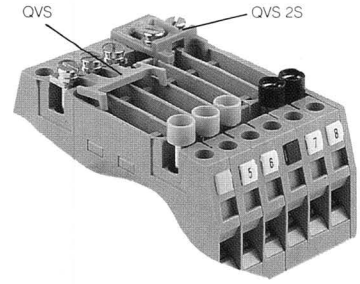


Normal Load Measurement with plugged in meter Terminal SAKT Cat. No. 043792.



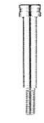
Cross Connection Accessories

Cross connection link QVS 2, 3 and 4 ways to connect adjacent terminals.
In SAKT 1 only to be used on the left hand side.
In SAKT 2 to be used on both sides.
Distance sleeves VH 19 031800 and screws BS 25.5 033470 are required to fit QVS in the individual terminals.
The cross connection links are designed so that the plug bolts for test plugs arranged in the terminals are kept free in each position.
The 2-pole design type QVS 2 is arranged also in such a way that operating is possible when the plug bolts are fitted.

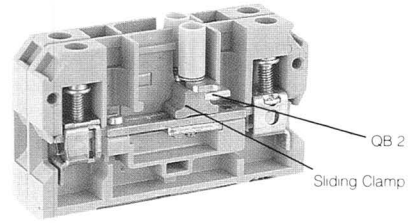


Plug bolts with insulation sleeve as protection for test plugs and cross connection plugs with 4.0mmØ.
Type StB 25
In SAKT 1 to be used for the left hand side
In SAKT 2 to be used on both sides
StB 25 black **(027150)**
BS 25 no insulating sleeve **(033470)**

BS (M3 x 25) 029250



BS (M3 x 25.5) 033470



Cross-connection comb QB 2, 3 and 4 poles to be used in cross connection link terminal type SAKT 1.
The cross-connecting comb can be inserted at the appropriate knockout point after the assembly of the terminal bank.
Connection and disconnection of the individual terminals with cross-connecting comb is achieved by operating the installed sliding clamp.

The creepage and clearance dimensions necessary for the nominal voltage of the terminals can be affected by the installation of accessories. This is particularly so for cross-connections of adjacent terminals of different potentials. The following limitations are to be observed:

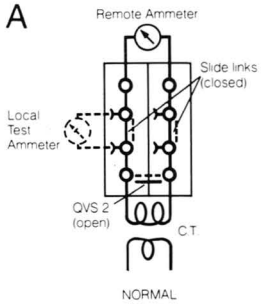
SAKT 1		**SAKT 2**	
for adjacent QL	250V	for adjacent QL	60V
for adjacent QVS	60V	for adjacent QVS	60V
for adjacent StB 25 or StB 16	60V	for adjacent StB 25 or StB 16	60V

In order to retain the nominal voltage of 300V, Partitions TW or TSch 2 must be inserted. TSch 2 only to be used for SAKT 2. All accessories are shown in Section T6.

Practical Circuits using SAKT Terminals

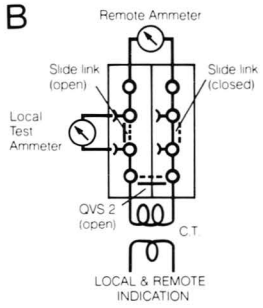
Simple load testing circuit using 2 SAKT 2 terminals. Application of short circuit through cross connecting link QVS 2. Test facility using Test Plug.

A



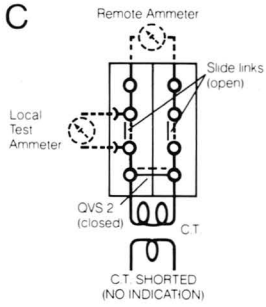
Circuit Normal — Remote Ammeter in service, Local Test Ammeter connected but shorted out.

B

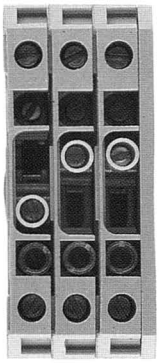


Circuit Normal — Both Remote Ammeter and Local Test Ammeter in service.

C

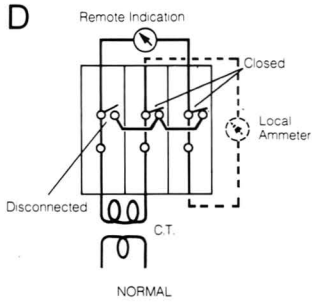


C.T. shorted out by QVS 2. No remote or local indication.



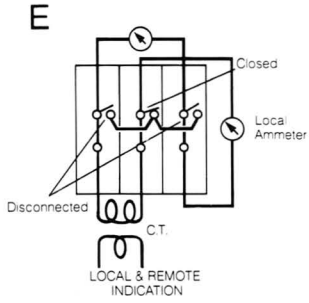
Simple load testing circuit using 3 feed through SAK terminals or 3 disconnecting SAKT 1 Terminals. Test equipment connected at three clamping points.

D



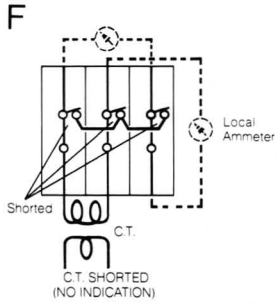
Circuit Normal — Remote Ammeter in service, Local Ammeter connected but shorted out.

E

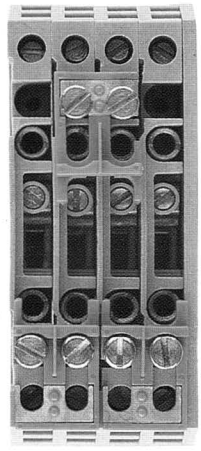


Circuit Normal — Both Remote and Local Ammeters in service.

F

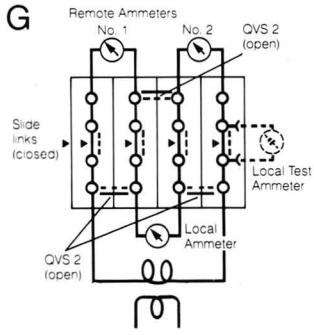


C.T. shorted, no Remote or Local indication.



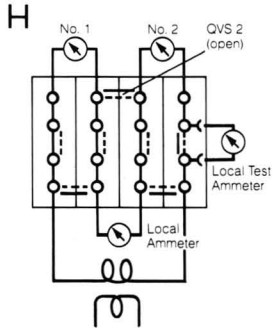
Load testing circuit using various configurations of four SAKT 2 terminals and normal movement of the cross connecting links. Test facility using Test Plug.

G



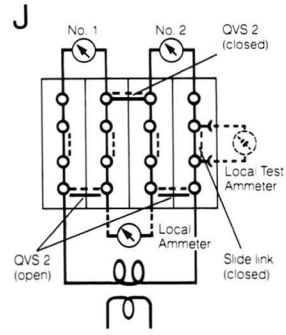
Circuit Normal — Remote No. 1 and 2 Ammeters and Local Ammeter in service, and with Test Ammeter connected but shorted out.

H

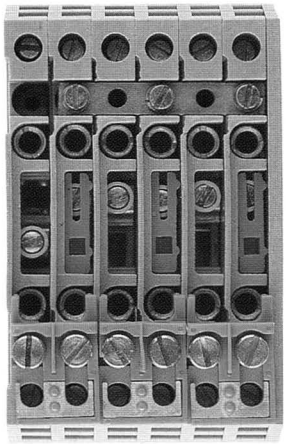


Circuit Normal — All ammeters in service.

J

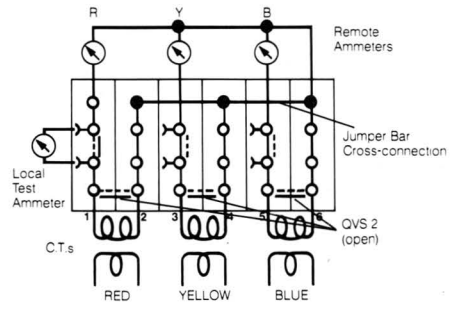


Remote No. 1 and 2 Ammeters in service, but Local Ammeter shorted out as well as Test Ammeter.



Load testing circuit linking 6 SAKT 2 terminals, with clamping points of alternate terminals cross connected. Disconnecting links in terminals 2, 4 & 6 are accessible through barrier. Test facility using Test Plug.

K

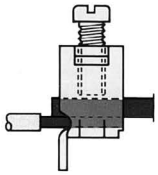


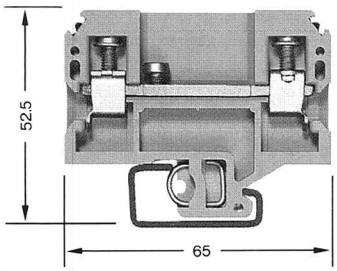
3 Phase Circuit — Remote Ammeters in Service as well as Local Test Ammeter. Closure of QVS 2 links will individually short out C.T.s.

Feed-through Test Terminal Type SAKB

Screw Clamp Connection

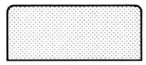
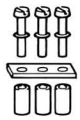
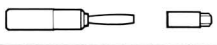
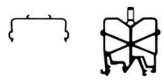
SAKB 10
600V 47A





Thickness 10mm

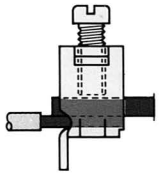
SAKB is supplied as a basic Feed-through terminal with tapped current bar which will accept test plug bolts. The terminal is so designed to enable individual customer test/measurement requirements to be easily achieved by the use of standard test plugs and cross-connection links. Instruments can be plugged into the circuit and readings taken without disturbing permanent wiring.

Technical Data			
Conductor size	Solid (mm²)	0.75–16	
	Stranded (mm²)	0.75–10	
Insulation stripping length	(mm)	12	
Ordering Data			**Cat. No.**
Moulding material	Melamine ●		013492
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**	
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)			
		EWK 2 (15)	019936
End Plate (thickness mm)			
		AP (3)	014672
Partition (thickness mm)			
	Polyamide ●	TW (1.5)	024296
	Melamine ●	TW (3)	024292
	Resin bonded paper	TW (0.5)	047470
Cross Connections			
	2 way	QL 2	011410
	3 way	QL 3	011420
	4 way	QL 4	011430
	10 way	QL 10	033840
	Screw	BS (M4 x 6)	013630
	Bi-pole plug	QS 2 (fits into StB 16 014020)	027086
Test Plug			
	Plug	PS (4Ø)	029960
	Plug bolt	StB 16	014020
Cover (1m)			
	Transparent cover		
	Support bracket	ADP 3	048540
		HP 4	048586
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

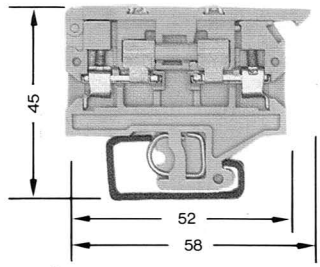
Fuse Terminals Type ASK 1 SAKS 1 KSK

Screw Clamp Connections



ASK 1 With hinged Cartridge Fuse Housing

250V 6.3A (max. fuse size available)



Thickness 8mm

In accordance with the appropriate regulations, all electrical equipment needs to be protected against overload and short circuits. In general, fuses are placed at the input of a circuit, at each point where current ratings are reduced, or where short circuit capability is reduced in order to protect against short-circuit or overload. The fuse terminal range has been designed to accommodate high-rupturing capacity fuses in the G-type, Diazed and Neozed ranges, as follows:-

ASK 1, SAKS 1, KSK
G-type fuses with or without indicator to DIN 41660 (5 x 20mm). Fuse range 0.08 Amps to 6.3 Amps (250V).

SAKS 2
D-fuse inserts E16 to DIN 49360 Diazed System fuse range 2 Amps to 25 Amps (500V).

KSK 2, KSK 3
Fuses to BS1362 (1″ x ¼″) range from 1 Amp to 13 Amps (250V) Fuses to DEF 59-96 Size O (1¼″ x ¼″) range from 0.25 Amps to 10 Amps (440V). Bussman (1¼″ x ¼″) type ABC range from 0.25 Amps to 15 Amps (250V).

SAKS 4
D-fuse inserts D01 to DIN 49522, Neozed System, range from 6 Amps to 16 Amps (380/415V).

SAKS 5
D-fuse inserts D02 to DIN 49522, Neozed System, range from 20 Amps to 63 Amps (440V).

Cross Connection Links QL provide the facility to build fuse distribution assemblies. Ideally, input supply should be at the centre of the assembly with the highest fuse load adjacent to the input terminal.

Guage rings are available as an option for the SAKS 2, SAKS 4 and SAKS 5. When fitted into the fuse terminal these prevent a higher rated fuse being inserted than that originally selected for that circuit.

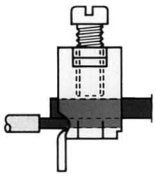
Characteristic curves for fuses are available on request.

NOTE: The removal or insertion of fuses should not be undertaken without the mains supply being isolated beforehand.

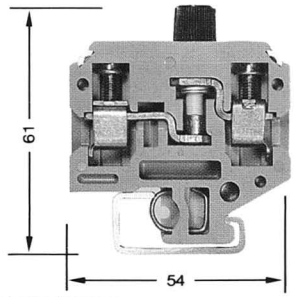
Suitability of fuses for the envisaged application must be checked with the fuse manufacturer.

Technical Data			
Conductor size	Solid (mm²)	0.5–4	
	Stranded (mm²)	0.5–4	
Insulation stripping length	(mm)	9	
Fuse size		20 x 5mm	
Ordering Data			**Cat. No.**
Moulding material			
When ordering EEx'e' and Ex'N' terminals, add suffix 'e' or 'N' to the catalogue number	Polyamide		037676
Approvals			
All Approvals are listed in Approvals Guide			
Terminal Rail (2m)		**Type**	**Cat. No.**
	Steel	TS 32	012280
	Steel (M6 Slots)	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270
End Bracket (thickness mm)			
		EWK 1 (8.5)	020616
End Plate (thickness mm)			
		AP (1.5)	038036
Partition (thickness mm)			
	Resin bonded paper	TW (0.5)	047470
Solid Brass Link			
		SBL (25 x 5)	044600
Cross Connections			
	2 way		
	3 way		
	4 way		
	10 way		
	Screw		
	Insulated comb 2 way	QB 2	046110
	Insulated comb 3 way	QB 3	046120
	Insulated comb 4 way	QB 4	046130
Fuse			
A list of all fuses stocked is shown at the end of this section			
Hinged Fuse Holder (Spare)			
		TH	037706
Cover (1m)			
	Transparent cover		
	Support bracket		
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

Fuse Terminals
Type ASK 1
SAKS 1
KSK
Screw Clamp Connection

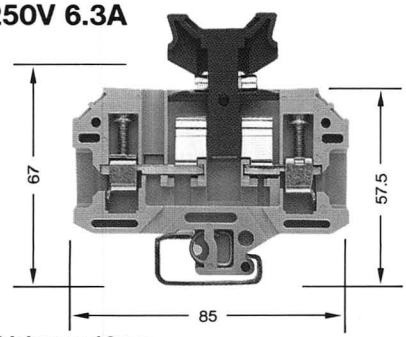


SAKS 1
250V 6.3 (max. fuse size available)



Thickness 13mm

KSK 1
250V 6.3A



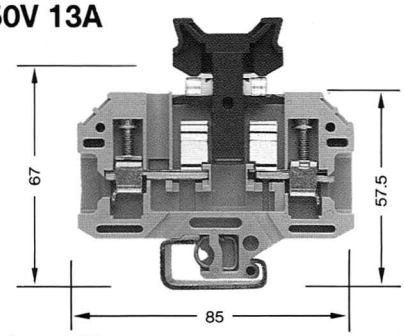
Thickness 13mm

Technical Data					
Conductor size	Solid (mm²)	0.5–10		0.5–16	
	Stranded (mm²)	0.5–10		0.5–10	
Insulation stripping length	(mm)	12		12	
Fuse size		25 x 5mm with indicator		20 x 5mm	
Ordering Data			**Cat. No.**		**Cat. No.**
Moulding material	Melamine ●		019112		389742
When ordering EEx'e' and Ex'N' terminals, add suffix 'e' or 'N' to the catalogue number	Polyamide ○				
Approvals					
All Approvals are listed in Approvals Guide		Ⓝ Ⓓ			
Terminal Rail (2m)		**Type**	**Cat. No.**	**Type**	**Cat. No.**
	Steel	TS 32	012280	TS 32	012280
	Steel (M6 Slots)	TS 32	067610	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270	SST 3	015270
End Bracket (thickness mm)					
		EWK 1 (8.5)	020616	EWK 1 (8.5)	020616
End Plate (thickness mm)					
		AP (3)	019132	AP (3)	389822
Partition (thickness mm)					
	Resin bonded paper	TW (0.5)	047470	TW (0.5)	047470
Solid Brass Link					
		SBL (25 x 5)	044600	SBL (20 x 5)	044610
Spare Fuse Cap					
		FC S	028201		
Cross Connections					
	2 way	QL 2	019140	QL 2	019140
	3 way	QL 3	019150	QL 3	019150
	4 way	QL 4	019160	QL 4	019160
	10 way	QL 10	033880	QL 10	033880
	Screw	BS (M3 x 7)	019970	BS (M3 x 7)	019970
Fuse					
A list of all fuses stocked is shown at the end of this section					
Cover (1m)					
	Transparent cover	ADP 3	048540		
	Support bracket	HP 4	048586		
Marking Tags					
All marking systems are shown in Section T6		DEKAFIX — Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

KSK 2

250V 13A



Thickness 13mm

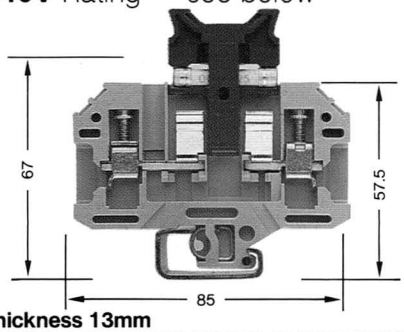
0.5–16	
0.5–10	
12	
1″ x ¼″	
	Cat. No.
	389752

Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (3)	389822
TW (0.5)	047470
SBL (1″ x ¼″)	044620
QL 2	019140
QL 3	019150
QL 4	019160
QL 10	033880
BS (M3 x 7)	019970

DEKAFIX — Section T6

KSK 3

440V Rating — see below*



Thickness 13mm

0.5–10	
0.5–10	
12	
1¼″ x ¼″	
	Cat. No.
	389762

Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (3)	389822
TW (0.5)	047470
SBL (1¼″ x ¼″)	044630
QL 2	019140
QL 3	019150
QL 4	019160
QL 10	033880
BS (M3 x 7)	019970

Rating*

Rating*

Bussman ABC 250V ¼″ x 1¼″ — 15 amps

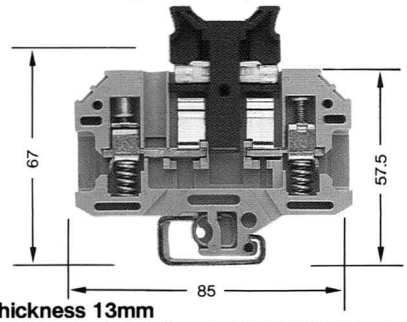
¼″ x 1¼″ DEF 59–06 Size "0" 440V — It is not recommended for these fuses to be "loaded" continuously to a current value approaching their specified maximum rating, i.e. 15 amp fuse "loaded to 14 or 15 amps", since deterioration of the fuse element could take place and the protection it affords to the equipment will be affected.

Current values not exceeding 70% of the fuse rating will ensure that a satisfactory performance is achieved.

DEKAFIX — Section T6

KSK 3F

440V Rating — see previous column*



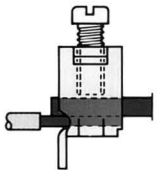
Thickness 13mm

0.5–10	
0.5–10	
12	
1¼″ x ¼″	
	Cat. No.
	389772

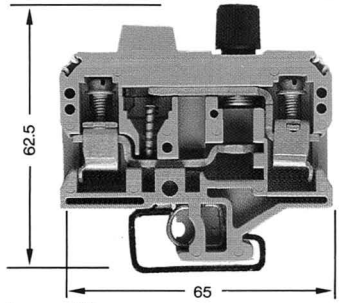
Type	**Cat. No.**
TS 32	012280
TS 32	067610
SST 3	015270
EWK 1 (8.5)	020616
AP (3)	389822
TW (0.5)	047470
SBL (1¼″ x ¼″)	044630
QL 2	019140
QL 3	019150
QL 4	019160
QL 10	033880
BS (M3 x 7)	019970

DEKAFIX — Section T6

Fuse Terminals
Type ASK 1
SAKS 1
KSK

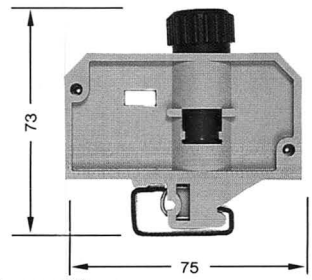


SAKS 6
440V 15A (max. fuse size available)



Thickness 13mm

SAKS 4
380/415V 16A (max. fuse size available)



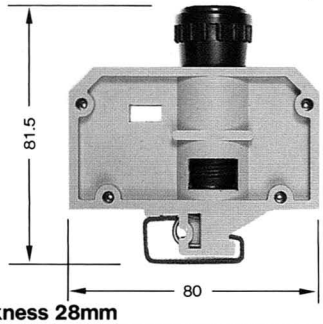
Thickness 24mm

Technical Data					
Conductor size	Solid (mm²)	2.5–10		0.5–16	
	Stranded (mm²)	2.5–10		0.5–10	
Insulation stripping length	(mm)	12		12	
Fuse size		1¼" x ¼"		See following page	
Ordering Data			**Cat. No.**		**Cat. No.**
Moulding material	Melamine		053182		032132
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					
Terminal Rail (2m)					
	Steel	TS 32	012280	TS 32	012280
	Steel (M6 Slots)	TS 32	067610	TS 32	067610
Locking pin (1m) — optional	Steel	SST 3	015270	SST 3	015270
End Bracket (thickness mm)					
		EWK 1 (8.5)	020616	EWK 2 (15)	019936
End Plate					
	Melamine	AP (3)	014672		
Partition					
	Resin bonded paper			TW (0.5)	019710
Solid Brass Link					
		SBL (1¼" x ¼")	044630		
Spare Fuse Cap					
		FCS	042891	FCS	033941
Fuses					
A list of all fuses stocked is shown on page no. T1/72.					
Cross-Connections					
	2 way	QL 2	019140	QL 2	032800
	3 way	QL 3	019150	QL 3	032810
	4 way	QL 4	019160	QL 4	032820
	10 way	QL 10	033880	QL 10	033900
	Screw	BS (M3 x 7)	019970	BS (M4 x 9)	010330
Gauge Rings					
				P 14/6 6A	032860
				P 14/10 10A	032870
Spare Lamps (Neon)					
		Neon 120V	055020		
		Neon 250V	055030		
		Neon 440V	381910		
Cover (1m)					
	Transparent cover (1m)				
	Support bracket				
Marking Tags					
All marking systems are shown in Section T6		DEKAFIX — Section T6		DEKAFIX — Section T6	

For additional accessories see Section T6

SAKS 2

500V 25A (max. fuse size available)

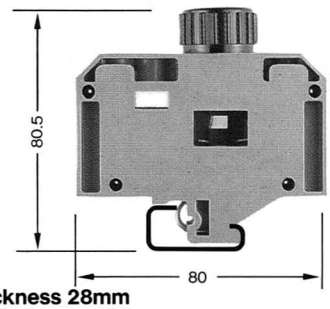


Thickness 28mm

0.5–16	
0.5–10	
12	
See following page	
	Cat. No.
	020682
Ⓓ	
TS 32	012280
TS 32	067610
SST 3	015270
EWK 2 (15)	019936
TW (2.5)	060700
SBL	044640
FCS	028411
QL 2	020780
QL 3	020790
QL 4	020800
QL 10	033890
BS (M4 x 9)	010330
P 16/2 2A	031770
P 16/4 4A	031780
P 16/6 6A	031790
P 16/10 10A	020890
P 16/16 16A	020900
P 16/20 20A	020910
DEKAFIX — Section T6	

SAKS 5

440V 63A (max. fuse size available)



Thickness 28mm

1.5–16	
1.5–10	
12	
See following page	
	Cat. No.
	035942
Ⓖ	
TS 32	012280
TS 32	067610
SST 3	015270
EWK 2 (15)	019936
TW	019710
FCS	035931
QL 2	020780
QL 3	020790
QL 4	020800
QL 10	033890
BS (M4 x 9)	010330
P 18/20 20A	036180
P 18/25 25A	036190
P 18/35 35A	036200
P 18/50 50A	036210
DEKAFIX — Section T6	

List of Preferred Cartridge Fuses

For use with

Terminal Type	Cat. No.
KSK 1	389742
ASK 1	037676

Non-indicator cartridge fuse 20 x 5mm to IEC 127 CEE 4 Type 1 DIN 41660
250 Volts

Rating	Cat. No.
0.10	043030
0.20	043040
0.25	043050
0.50	043060
1.00	043070
1.60	043080
2.00	043090
2.50	043100
3.15	043110
4.00	043120
5.00	043130
6.30	043140

SAKS 1 019112

Indicator cartridge fuse 25 x 5mm to DIN 41576/CEE 250 Volts

Rating	Cat. No.
0.08	042900
0.10	042910
0.125	042920
0.16	042930
0.20	042940
0.25	042950
0.40	042960
0.50	042970
0.80	042980
1.00	068020
1.25	042990
1.60	051740
2.00	068030
4.00	068040
6.30	068050

KSK 2 389752

Cartridge fuse 1″ x ¼″ to BS 1362 250 Volts

Rating	Cat. No.
1	043420
2	024510
3	043250
5	024520
7	045860
10	024530
13	024540

KSK 3, KSK 3 389762, 389772

SAKS 6 053182

Cartridge fuse 1¼″ x ¼″ to DEF59-96 Size 'O' 440 Volts
— characteristic curves are shown on opposite page

Rating	Cat. No.
0.25	043180
0.50	043190
1	043200
2	029450
3	029470
5	029460
7	029580
10	029390

SAKS 4 032132

Indicating neozed fuse suitable for 380/415 Volts applications

Rating	Type	Cat. No.
6	E 14/6	032830
10	E 14/10	032840
16	E 14/16	032850

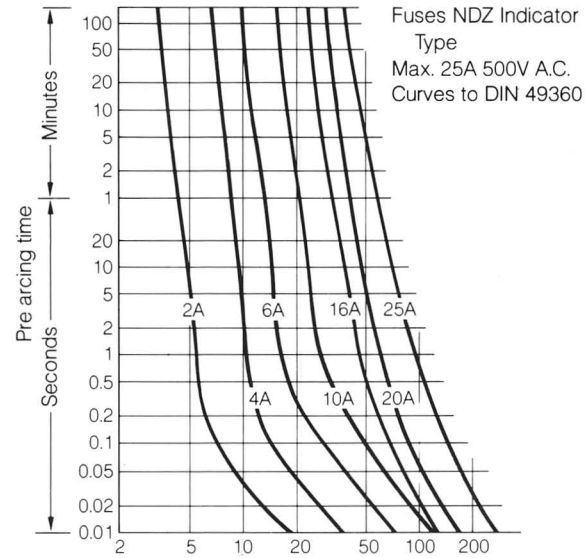
The fitting of gauge rings is recommended when using fuses of a low rating

SAKS 2 020682

HRC fuse cartridge 500 Volts

Rating	Type	NDZ Cat. No.	TNDZ Cat. No.
2	E 16/2	031740	046560
4	E 16/4	031750	046570
6	E 16/6	031760	046580
10	E 16/10	020850	046590
16	E 16/16	020860	045140
20	E 16/20	020870	045150
25	E 16/25	020880	045160

The fitting of gauge rings is recommended when using fuses of a low rating.



Mean current/time characteristics of 500 V quick response fuse
Timelag TNDZ types also available

SAKS 5 035942

Neozed fuse suitable for 440 Volts application

Rating	Type	Cat. No.
20	E 18/20	036130
25	E 18/25	036140
35	E 18/35	036150
50	E 18/50	036160
63	E 18/63	036170

The fitting of gauge rings is recommended when using fuses of a low rating.

Fuse characteristic curves are not included but you are invited to ask our Technical Dept. for any assistance.

Gauge Rings	Type	Cat. No.
for E 14 fuses	P 14/6 6A	032860
	P 14/10 10A	032870
for E 16 fuses	P 16/2 2A	031770
	P 16/4 4A	031780
	P 16/6 6A	031790
	P 16/10 10A	020890
	P 16/16 16A	020900
	P 16/20 20A	020910
for E 18 fuses	P 18/20 20A	036180
	P 18/25 25A	036190
	P 18/35 35A	036200
	P 18/50 50A	036210

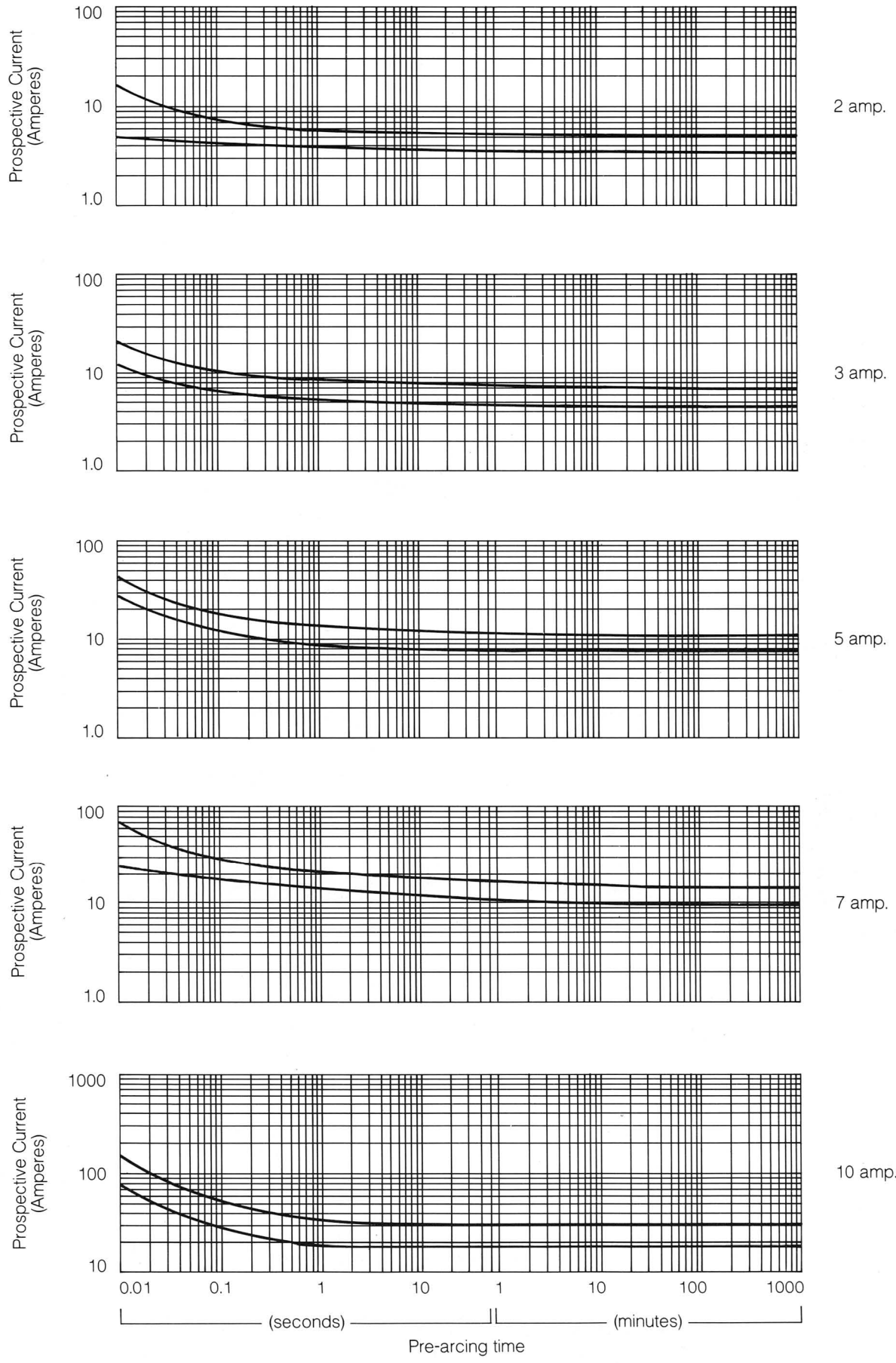
Please contact our Technical Department should you have any queries

Fuse Characteristic Curves — HRC DEF 59-96 Series Range

HRC Fuses DEF 59-96 Size 'O'. Elements to BS88

Rating: .25, .5, 1, 2, 3 ,5 ,7, 10 Amps

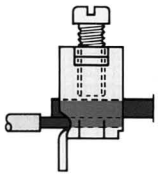
For use with KSK 3, KSK 3F

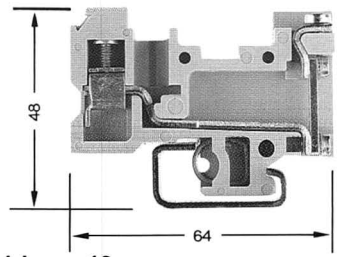


Alarm Fuse Terminal Type AFT

Screw Clamp Connections

AFT Common Input/Common Alarm 50V 9A





Thickness 12mm

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.

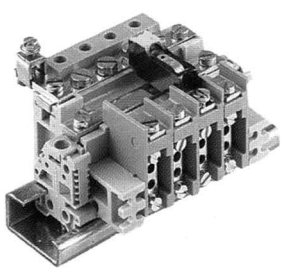
Combination of System

Common Inputs
Common Alarms
Individual Inputs
Individual Alarms etc.

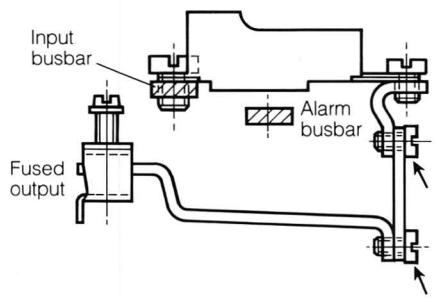
Extra ways can be added for future extension.

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.



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



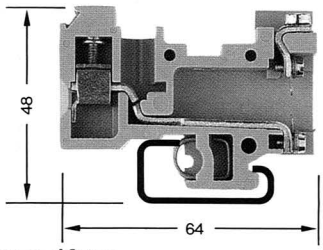
(↑ = spring washer fitted)

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

For additional accessories see Section T6

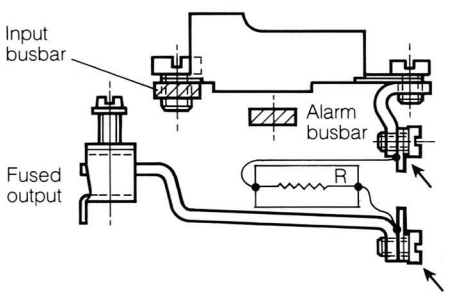
AFT 50V 9A

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

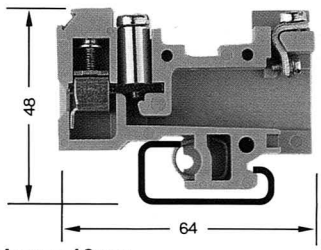


(↑ = spring washer fitted)

DEKAFIX — Section T6

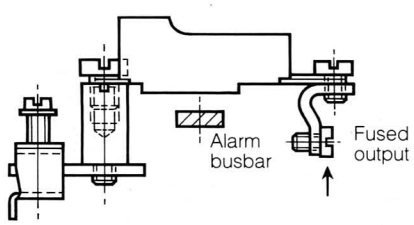
AFT 50V 9A

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

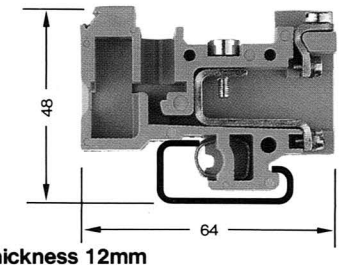


(↑ = spring washer fitted)

DEKAFIX — Section T6

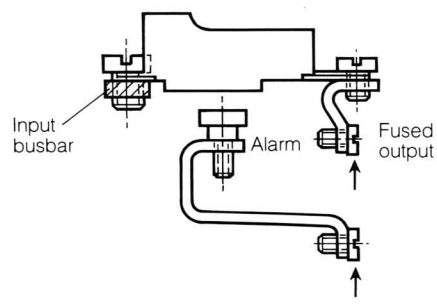
AFT 50V 9A

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



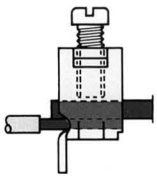
(↑ = spring washer fitted)

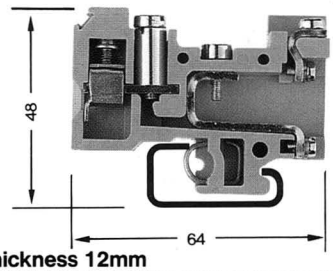
DEKAFIX — Section T6

Alarm Fuse Terminal Type AFT Screw Clamp Connections

AFT
Individual Input/Individual Alarm

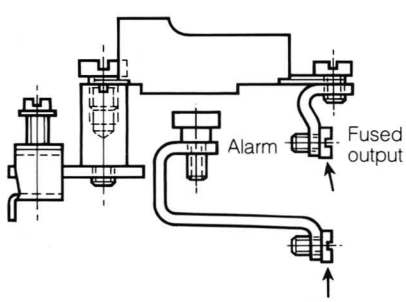
50V 9A





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 ●		035252
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**	
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)			
		EWK 1 (8.5)	020616
End Plate (thickness mm)			
	Melamine ●	AP (1.5)	033302
Support Bracket (thickness mm)			
Busbar Connection			
Includes current rail and yoke with screw			
Alarm Busbar			
Standard length 25 ways			
Available 1–50 ways on request			
Main Busbar			
Standard length 25 ways			
Available 1–50 ways on request			
Spare Screw			
For ABB location			
Marking Tags			
All marking systems are shown in Section T6		DEKAFIX — Section T6	

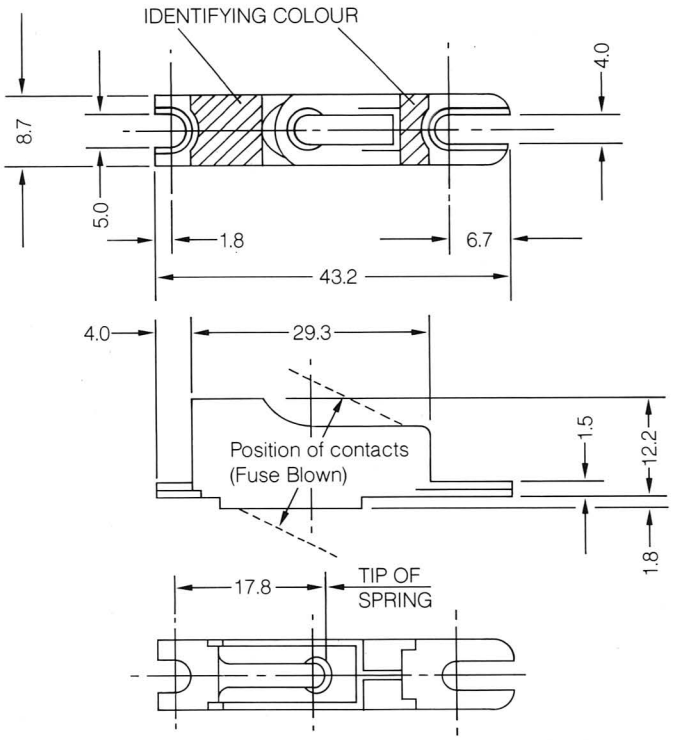


(↑ = spring washer fitted)

For additional accessories see Section T6

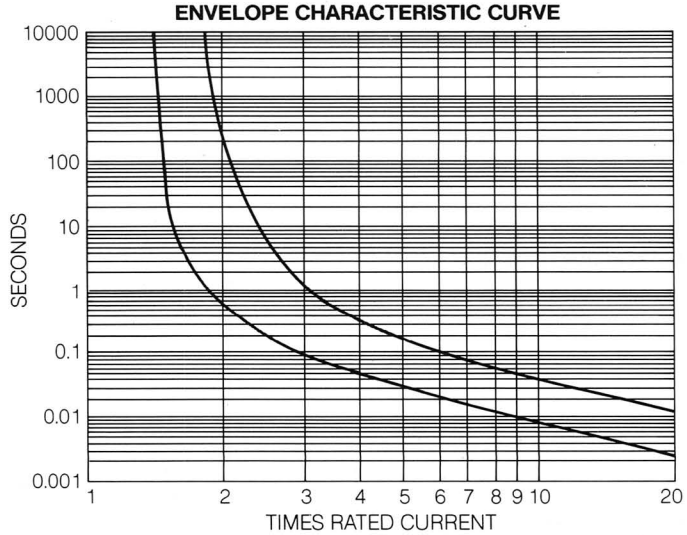
P044/A Fuses

Low voltage alarm and indicating mounting fuselink
Phenolic moulded body



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

ENVELOPE CHARACTERISTIC CURVE



With acknowledgement to Kenneth E. Beswick Ltd.

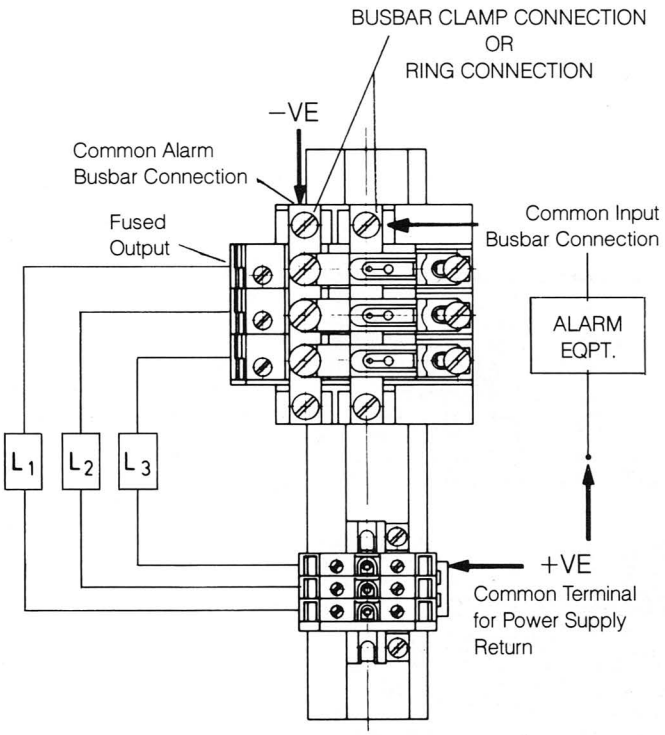
Standard Fuse		Cat. No.
.25A	Brown	043420
.5A	lt. French Blue	043430
1A	Lemon	043440
1.5A	Red	043450
2A	Violet	043460
3A	Black	043470
4A	Grey	043480
5A	Green	043490
6A	White	043500

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:-

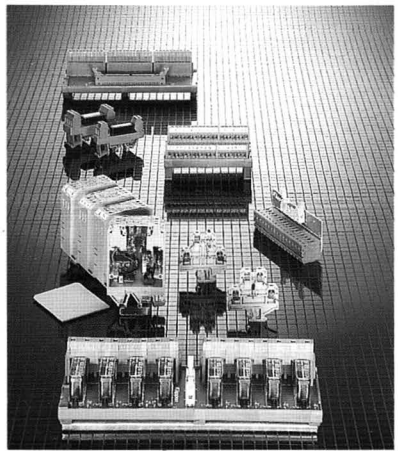
Standard SAK terminal blocks can also be mounted on the TS 32 assembly rail for the +VE terminations.

We suggest:-

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

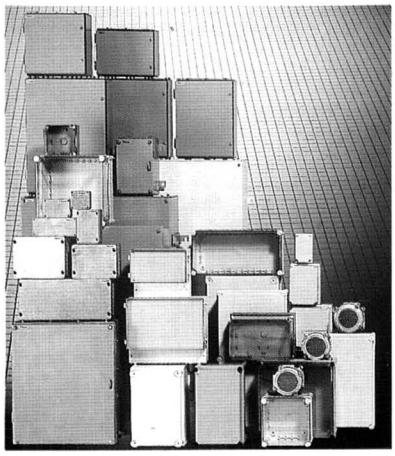
SAK 2.5 for feed-through connections (cross connect using the required length of QL as necessary).

Also available from *Klippon*



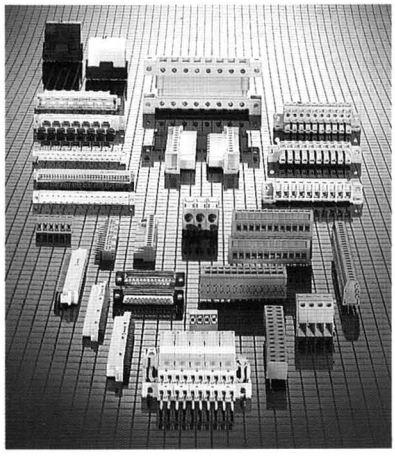
Electronic and Control Modules

- Rail Mounting Housings for Electronic Components
- Relays
- Timers
- Optocouplers
- Opto Isolated Analogue Couplers
- Interface Connectors for Ribbon Cable to Plant Wiring
- Customised Electronics Service



Enclosures

- Die-Cast Aluminium
- Cast Iron Galvanised
- Sheet Steel
- Glass Fibre Reinforced Polyester
- Glass Filled Polycarbonate
- Many with BASEEFA Approvals
- Comprehensive range of sizes
- Custom Assembly Services



P.C. Terminals and Connectors

- 'Connectel' Miniature 'D' and DIN 41612 2 part Connectors
- PCB Terminal Strips
- Modular P.C. Terminals
- Plug and Socket Connectors
- BL/SL PCB Connectors

Cable Preparation Tools

- Cutting
- Stripping
- Crimping
- Terminating
- Testing