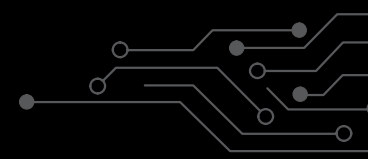
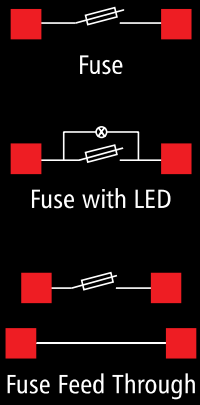


FUSE TERMINALS



Applications in Control & Automation require fuse protection facility. 'elmex' offers Terminal Blocks with built-in safety fuse levers. These Terminal Blocks accommodate a glass cartridge fuse of 5mm x 20mm, 5mm x 25mm or 6mm x 32mm size. The fuse holder is made of special grade Phosphor-Bronze and hence offers low contact resistance. A solid brass link type DL4 in place of the fuse, makes it possible to use it as a Disconnecting type Terminal Block.

KUDDF 4 is a Fuse Terminal and a Standard Terminal Block (Feed Through) combined in one housing, giving cost, time and space economy. It occupies the space of one terminal block and works as a pair of Terminal Blocks - the upper tier with Fuse Protection. One Terminal can be assigned to one pair of signals. An LED is provided for blown fuse indication. Standard operating voltages can be selected from a range of 12 VDC, 24 VDC, 48 VDC, 110 VDC, 220 VDC, 110 VAC and 240 VAC.



FUSE TERMINALS



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DESCRIPTION
TERMINAL PITCH (Thickness)
WIDTH in mm (Inch)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)
RATED CROSS SECTION
CONNECTION Flexible
POSSIBILITY Rigid
WIRE STRIPPING LENGTH
TYPE OF CONNECTION
RATINGS IEC 60947-7-1
SCREW SIZE

KUDF 4NV#
8 mm (0.31 Inch)
54.5(2.14)
48.8(1.92)/ 56.3(2.21)/ 53.2(2.10)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 4 sq mm
9 mm
2 screw clamp
800 V/6.3 A/4 sq mm/0.4 Nm
..
M3

KUDF 4AD*
8 mm (0.31 Inch)
54.5(2.14)
48.8(1.92)/ 56.3(2.21)/ 53.2(2.10)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 4 sq mm
9 mm
2 screw clamp
800 V/6.3 A/4 sq mm/0.4 Nm
600 V/7A/12-20 AWG/6 Lbln
M3

KUDDF 4
8 mm (0.31 Inch)
74(2.91)
59.5(2.34)/ 67.0(2.64)/ 63.9(2.51)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
9 mm
4 screw clamp
630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm
300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln
M3

TERMINAL TYPE
END PLATE
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS
COMB TYPE SHORTING LINK
-2 WAY
-3 WAY
-4 WAY
-5 WAY
-10 WAY
MARKING LABEL
TOP SIDE
ON SIDE
GROUP MARKING CARRIER
COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE
MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDF 4NV	100	1.39
Not Required	..	..
KBZF	100	0.72
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
UFSL-2W	100	0.14
UFSL-3W	100	0.20
UFSL-4W	100	0.28
UFSL-5W	50	0.17
UFSL-10W	50	0.33
Label KN 5.5	100 strips	0.08
Label KN 8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDF4NV GREY		KUDF4NV KHAKHI
KUDF4NV RED		KUDF4NV YELLOW
KUDF4NV BLUE		KUDF4NV BLACK
KUDF4NV GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDF 4AD	100	1.39
Not Required	..	..
KBZF	100	0.72
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
UFSL-2W	100	0.14
UFSL-3W	100	0.20
UFSL-4W	100	0.28
UFSL-5W	50	0.17
UFSL-10W	50	0.33
Label KN 5.5	100 strips	0.08
Label KN 8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDF4AD GREY		KUDF4AD KHAKHI
KUDF4AD RED		KUDF4AD YELLOW
KUDF4AD BLUE		KUDF4AD BLACK
KUDF4AD GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDDF 4	50	1.16
Not Required	..	..
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
UFSL-2W	100	0.14
UFSL-3W	100	0.20
UFSL-4W	100	0.28
UFSL-5W	50	0.17
UFSL-10W	50	0.33
Label KN 5.5	100 strips	0.08
Label KN 8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDDF4 GREY		KUDDF4 KHAKHI
KUDDF4 RED		KUDDF4 YELLOW
KUDDF4 BLUE		KUDDF4 BLACK
KUDDF4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*With spare fuse provision in lever.

Suitable for both AC & DC Voltages

*Available Single Voltage

AD24V = 24 V (27KΩ)

AD48V = 48 V (56KΩ)

AD110V = 110 V (130KΩ)

AD220V = 220 V (270KΩ)

AD12V = 12 V (12KΩ)

Resistor Value Shown in Brackets



CE



CE



CE



CE

KUDDF 4AD*
8 mm (0.31 Inch)
74(2.91)
63.0(2.50)/ 70.9(2.79)/ 67.8(2.67)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
9 mm
4 screw clamp
630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm
300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln
M3

KUF 10
12 mm (0.47 Inch)
66(2.59)
66.7(2.63)/ 74.2(2.92)/ 71.1(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 screw clamp
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

KUF 10D*
12 mm (0.47 Inch)
66(2.59)
66.7(2.63)/ 74.2(2.92)/ 71.1(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 screw clamp
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

KUF 10A**
12 mm (0.47 Inch)
66(2.59)
66.7(2.63)/ 74.2(2.92)/ 71.1(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 screw clamps
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDDF 4AD	50	1.18
Not Required	..	..
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
UFSL-2W	100	0.14
UFSL-3W	100	0.20
UFSL-4W	100	0.28
UFSL-5W	50	0.17
UFSL-10W	50	0.33
Label KN 5.5	100 strips	0.08
Label KN 8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDDF4AD GREY	KUDDF4AD KHAKHI	
KUDDF4AD RED	KUDDF4AD YELLOW	
KUDDF4AD BLUE	KUDDF4AD BLACK	
KUDDF4AD GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF 10	50	2.06
EPF	50	0.40
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10 GREY	KUF10 KHAKHI	
KUF10 RED	KUF10 YELLOW	
KUF10 BLUE	KUF10 BLACK	
KUF10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF 10D	50	2.10
EPF	50	0.40
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10D GREY	KUF10D KHAKHI	
KUF10D RED	KUF10D YELLOW	
KUF10D BLUE	KUF10D BLACK	
KUF10D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/17/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF 10A	50	2.10
EPF	50	0.40
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10A GREY	KUF10A KHAKHI	
KUF10A RED	KUF10A YELLOW	
KUF10A BLUE	KUF10A BLACK	
KUF10A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

Suitable for both AC & DC Voltages
 *Available Single Voltage
 AD24V = 24 V (27KΩ)
 AD48V = 48 V (56KΩ)
 AD110V = 110 V (130KΩ)
 AD220V = 220 V (270KΩ)
 AD12V = 12 V (12KΩ)
 Resistor Value Shown in Brackets

*Available Single Voltage
 KUF 10D1 = 24 VDC (27KΩ)
 KUF 10D2 = 48 VDC (56 KΩ)
 KUF 10D3 = 110 VDC (130 KΩ)
 KUF 10D4 = 220 VDC (270 KΩ)
 KUF 10D5 = 12 VDC (12 KΩ)
 Resistor Value Shown in Brackets

**Available Single Voltage
 KUF 10A1 = 110 VAC (130 KΩ)
 KUF 10A2 = 220 VAC (270 KΩ)
 Resistor Value Shown in Brackets

FUSE TERMINALS



CE RoHS

CE RoHS

CE RoHS

DESCRIPTION
TERMINAL PITCH (Thickness)
WIDTH in mm (Inch)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)
RATED CROSS SECTION
CONNECTION Flexible
POSSIBILITY Rigid
WIRE STRIPPING LENGTH
TYPE OF CONNECTION
RATINGS IEC 60947-7-1
SCREW SIZE

KUFH 4
9 mm (0.35 Inch)
66(2.59)
55.5(2.18)/ 63.0(2.48)/ 59.9(2.36)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 6 sq mm
12 mm
2 screw clamps
800 V/12 A/4 sq mm/0.5 Nm
600 V/12 A/10-24 AWG/8 Lbln
M3

KUFH 4D*
9 mm (0.35 Inch)
77.75(3.06)
55.5(2.18)/ 63.0(2.48)/ 59.9(2.36)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 6 sq mm
12 mm
2 screw clamps
800 V/12 A/4 sq mm/0.5 Nm
600 V/12 A/10-24 AWG/8 Lbln
M3

KUFH 4A**
9 mm (0.35 Inch)
77.75(3.06)
55.5(2.18)/ 63.0(2.48)/ 59.9(2.36)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 6 sq mm
12 mm
2 screw clamp
800 V/12 A/4 sq mm/0.5 Nm
600 V/12 A/10-24 AWG/8 Lbln
M3

TERMINAL TYPE
END PLATE
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS
COMB TYPE SHORTING LINK
-2 WAY
-3 WAY
-4 WAY
-5 WAY
-10 WAY
MARKING LABEL
GROUP MARKING CARRIER
COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE
MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH 4	100	1.80
EPFH	100	0.52
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4 GREY		KUFH4 KHAKHI
KUFH4 RED		KUFH4 YELLOW
KUFH4 BLUE		KUFH4 BLACK
KUFH4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH 4D	100	1.90
EPFH	100	0.52
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4D GREY		KUFH4D KHAKHI
KUFH4D RED		KUFH4D YELLOW
KUFH4D BLUE		KUFH4D BLACK
KUFH4D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH 4A	100	1.90
EPFH	100	0.527
KBZF	100	0.72
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..
..
..
..
..
..
Label KN 9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4A GREY		KUFH4A KHAKHI
KUFH4A RED		KUFH4A YELLOW
KUFH4A BLUE		KUFH4A BLACK
KUFH4A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*Available Single Voltage
 KUFH 4D1 = 24 VDC (27KΩ)
 KUFH 4D2 = 48 VDC (56 KΩ)
 KUFH 4D3 = 110 VDC (130 KΩ)
 KUFH 4D4 = 220 VDC (270 KΩ)
 KUFH 4D5 = 12 VDC (12 KΩ)
 Resistor Value Shown in Brackets

**Available Single Voltage
 KUFH 4A1 = 110 VAC (130 KΩ)
 KUFH 4A2 = 220 VAC (270 KΩ)
 Resistor Value Shown in Brackets



CE RoHS

CE RoHS

CE RoHS

UBDF 4	
8.25 mm (0.32 Inch)	
72.5(2.85)	
56.8(2.24)/ 64.3(2.53)/ 61.2(2.41)	
4 sq mm	
0.5 sq mm - 4 sq mm	
0.5 sq mm - 6 sq mm	
8 mm	
2 screw clamp	
1000 V/6.3 A/4 sq mm/0.5 Nm	
600 V/10 A/10-24 AWG/5 Lbln	
M3	

UBDF 4D*	
8.25 mm (0.32 Inch)	
72.5(2.85)	
56.8(2.24)/ 64.3(2.53)/ 61.2(2.41)	
4 sq mm	
0.5 sq mm - 4 sq mm	
0.5 sq mm - 6 sq mm	
8 mm	
2 screw clamp	
1000 V/6.3 A/4 sq mm/0.5 Nm	
600 V/10 A/10-24 AWG/5 Lbln	
M3	

UBDF 4A**	
8.25 mm (0.32 Inch)	
72.5(2.85)	
56.8(2.24)/ 64.3(2.53)/ 61.2(2.41)	
4 sq mm	
0.5 sq mm - 4 sq mm	
0.5 sq mm - 6 sq mm	
8 mm	
2 screw clamp	
1000 V/6.3 A/4 sq mm/0.5 Nm	
600 V/10 A/10-24 AWG/5 Lbln	
M3	

LED KIT (For UBDF 4)

Special feature of UBDF 4 is "modular fitment" of LED kits that can be mounted in the hinged lever. These LED kits for different AC and DC voltage ratings are available and can be separately ordered and fixed into the hinged lever. This feature allows users to separately order fuse terminal UBDF 4 and LED kits as per actual application.

UBDF 4 with fuse blown indication for DC voltage ratings have two LEDs connected back to back in the 'blown fuse indication' circuitry, thus giving flexibility for mounting in either direction on the DIN rail irrespective of voltage polarity.

CAT#	STD.PKG.	WT/STD.PKG-KG
UBDF 4	100	1.90
Not Required	..	..
..
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CLUF-2W	100	0.20
CLUF-3W	100	0.28
CLUF-4W	100	0.36
CLUF-5W	100	0.44
CLUF-10W	100	0.86
Label U8.25	100 strips	0.12
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
UBDF4 GREY		UBDF4 KHAKHI
UBDF4 RED		UBDF4 YELLOW
UBDF4 BLUE		UBDF4 BLACK
UBDF4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
UBDF 4D	100	1.90
Not Required	..	..
..
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CLUF-2W	100	0.20
CLUF-3W	100	0.28
CLUF-4W	100	0.36
CLUF-5W	100	0.44
CLUF-10W	100	0.86
Label U8.25	100 strips	0.12
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
UBDF4D GREY		UBDF4D KHAKHI
UBDF4D RED		UBDF4D YELLOW
UBDF4D BLUE		UBDF4D BLACK
UBDF4D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
UBDF 4A	100	1.90
Not Required	..	..
..
..
..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CLUF-2W	100	0.20
CLUF-3W	100	0.28
CLUF-4W	100	0.36
CLUF-5W	100	0.44
CLUF-10W	100	0.86
Label U8.25	100 strips	0.12
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
UBDF4A GREY		UBDF4A KHAKHI
UBDF4A RED		UBDF4A YELLOW
UBDF4A BLUE		UBDF4A BLACK
UBDF4A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*Available Single Voltage
 UBDF 4D1 = 24 VDC (27KΩ)
 UBDF 4D2 = 48 VDC (56 KΩ)
 UBDF 4D3 = 110 VDC (130 KΩ)
 UBDF 4D4 = 220 VDC (270 KΩ)
 UBDF 4D5 = 12 VDC (12 KΩ)
 Resistor Value Shown in Brackets

**Available Single Voltage
 UBDF 4A1 = 110 VAC (130 KΩ)
 UBDF 4A2 = 220 VAC (270 KΩ)
 Resistor Value Shown in Brackets