

Feature

- Spring lifted ground terminal.
- Terminal screw is fixed and spring lifted to prevent loss.
- Can be mounted on DIN 15mm rail or DIN 35mm rail.
- UL, CSA, EN listed.

Specifications

Withstand Voltage	AC2500V / 1min
Insulation Resistance	>1000MΩ
Operating Temperature	-20 ~ +55°C (500VDC Meggar)
Material	m P.P.E

Compliance

JIS C2811 Industrial Terminal Block

How To Order

UKE80 - 10 CU (EN)
 ① ② ③ ④

① Product Name

② Position No.

③ Rail : CU ... 35mm DIN Rail
 CH ... 35mm DIN Rail (Higher-profile)
 C ... 15mm DIN Rail (UKE25 Only)

④ Compliance : Blank ... No Label

(UL) ... UL Label

(CSA)... CSA Label

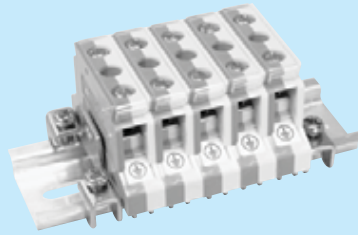
(EN) ... EN Label

Note: Individual components for sale. Label is required to show proof of regulation compliance.

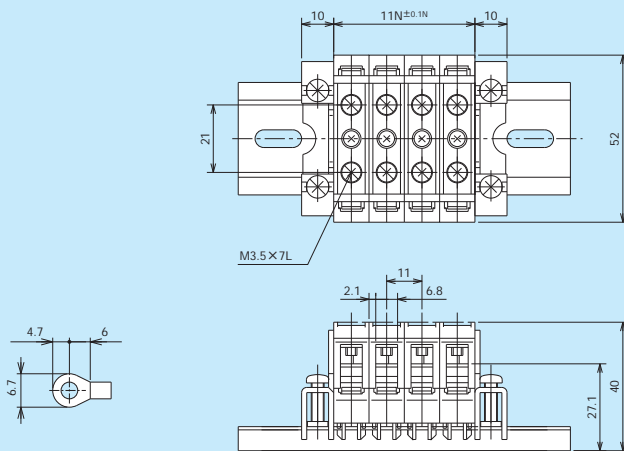
Please specify when ordering.

Standard product and parts are not included in compliance label.

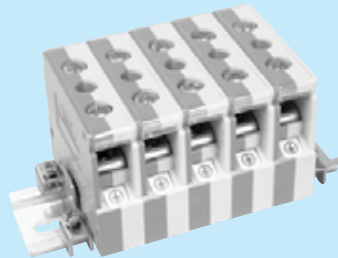
UKE25



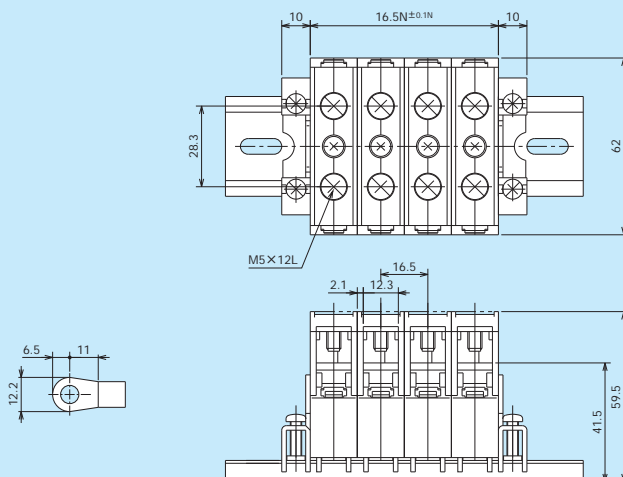
Voltage Rating	—	
Maximum Current	25A	
Recommended Wire	2mm ²	
Tightening Torque	0.8 ~ 1.2N·m	
Packaging	10	
Accessories	Rail	UK-c,EK-ch,SK-c
	End Bracket	UK-b,UK-bh2,SK-b1
	Name Plate	KT-1e,EK-6e
	Protection Cover	KT25-d

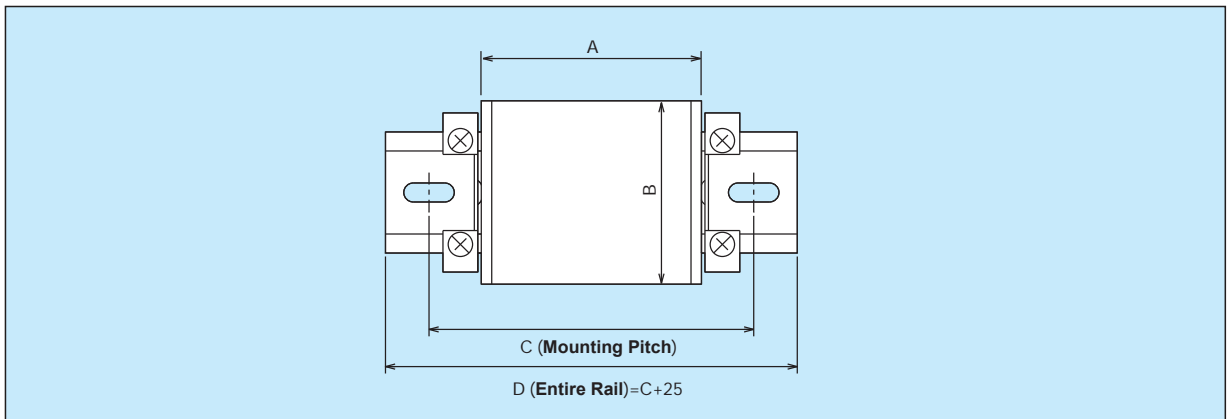


UKE80



Voltage Rating	—	
Maximum Current	80A	
Recommended Wire	22mm ²	
Tightening Torque	2.0 ~ 3.0N·m	
Packaging	10	
Accessories	Rail	UK-c,EK-ch
	End Bracket	UK-b,UK-bh2
	Name Plate	KT-1e,EK-6e
	Protection Cover	KT100-d





A, B Length

Product Name	A Length	B Length
UKE25	(11N) $\pm 0.1N$	52
UKE80	(16.5N) $\pm 0.1N$	62

(N=Number of position)

C Length

Position No.	UKE25	UKE80
1	50	50
2	75	75
3	75	100
4	75	100
5	100	125
6	100	150
7	125	150
8	125	175
9	150	200
10	150	200
11	175	225
12	175	250
13	175	250
14	200	275
15	200	300
16	225	300
17	225	325
18	250	350
19	250	350
20	275	375
21	275	400
22	275	400
23	300	425
24	300	450
25	325	450

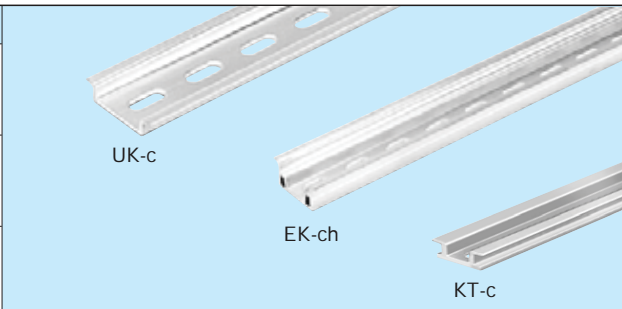
Position No.	UKE25	UKE80
26	325	475
27	350	500
28	350	500
29	375	525
30	375	550
31	375	550
32	400	575
33	400	600
34	425	600
35	425	625
36	450	650
37	450	650
38	475	675
39	475	700
40	475	700
41	500	725
42	500	750
43	525	750
44	525	775
45	550	800
46	550	800
47	575	825
48	575	850
49	575	850
50	600	875

- (Note)
1. C Length is A length + margin and rounded up at first decimal number.
 2. C Length is mounting pitch when using end bracket UK-b and mounting the middle of rail hole.
 3. When C length is greater than 300mm, Please mount at 3 positions. Mounting pitch must be under 300mm.

Accessories

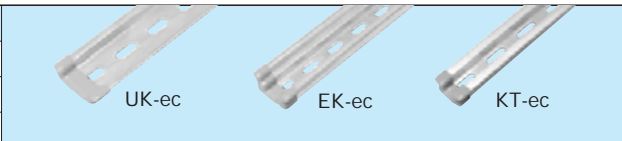
Rail

Product No.	Length (mm)	Packaging
UK-c	1000	10
	1500	
	2000	
EK-ch	1000	10
	1500	
	2000	
KT-c	1000	10
	1500	
	2000	



Rail End Cap

Product No.	Rail	Packaging
UK-ec	UK-c	100
KT-ec	KT-c	100
EK-ec	EK-ch	100



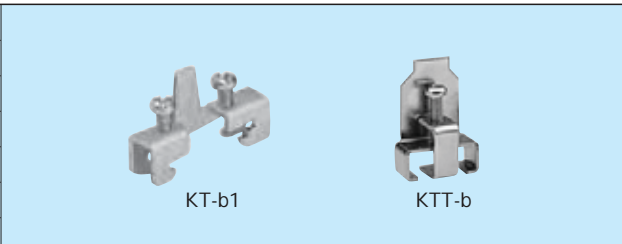
End Plate

Product No.	Terminal Block	Direction	Packaging
UK151/251-a,UK152/252-a	UK10,UK15,UK25	Irreversible	50
UK351-a,UK352-a	UK35	Irreversible	50
UK60/80/100-a	UK60,UK61,UK80,UK81,UK100,UKT60,UKT61,UKT80,UKT81,UKT100	Reversible	50
*UK210-1a,UK210-2a	UK210	Irreversible	50
*UK215-A,UK215-B	UK215,UKT215	Irreversible	50
*UK225-A,UK225-B	UK225,UKT225	Irreversible	50
*UK235-A,UK235-B	UK235,UKT235	Irreversible	50
UK15HO-a	UK15HO	Reversible	50
UK25HO-a	UK25HO	Reversible	50
UK35HO-a	UK35HO	Reversible	50
*UK225HO-1a,UK225HO-2a	UK225HO	Irreversible	50
UKN151/251-a,UKN152/252-a	UKN10,UKN15,UKN25	Irreversible	50
UKN351-a,UKN352-a	UKN35	Irreversible	50
*UKN210-1a,UKN210-2a	UKN210	Irreversible	50
*UKN225-1a,UKN225-2a	UKN225W,UKN225NW,UKN225SW	Irreversible	50
UKN225-2a	UKN250	Reversible	50
UKP25-a	UKP25	Reversible	50
UKP35-a	UKP35	Reversible	50
UKP60/61-a	UKP60/61	Reversible	50

*Please use a pair of A and B end plates for right direction.

End Bracket

Product No.	Rail	Packaging
UK-b	UK-c,EK-ch	100
UK-bh2	UK-c,EK-ch	100
KT-b	KT-c	100
KT-b1	KT-c	100
KTT-b	KT-c	100
SK-b1	SK-c	100



■ Shaft Rod

Product No.	Terminal Block	Length (mm)
UK-f	UK10,UK15,UK25,UK35,UK60,UK61,UK80,UK81,UK100,UKT60,UKT61,UKT80,UKT81,UKT100	1000
UK215-()f	UK215,UKT215	
UK225-()f	UK225,UKT225	
UK235-()f	UK235,UKT235	
UK125-()f	UK125	
UK150-()f	UK150	
UK200-()f	UK200	
UK300-()f	UK300	
UK400-()f	UK400	
UK600-()f	UK600	
UKN225-()f	UKN225W,UKN225NW,UKN225SW	
UKN250-()f	UKN250	
UKT15S-()f	UKT15S,UKT25W	
UKT50-()f	UKT50	

【Note】 () is number of terminal.

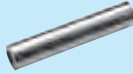
■ Mount Plate* *when mounting on a panel directly

Product No.	Terminal Block	Direction	Packaging
UK151/251-g,UK152/252-g	UK10,UK15,UK25	Irreversible	20
UK351-g,UK352-g	UK35	Irreversible	20
UK601/801/1001-g,UK602/802/1002-g	UK60,UK61,UK80,UK81,UK100,UKT60,UKT61,UKT80,UKT81,UKT100	Irreversible	10
*UK215/225-g	UK215,UK225,UK235,UKT215,UKT225,UKT235	Reversible	10
KT200N-g	UK125,UK150,UK200,UK300,UK400,UK600	Reversible	10
*UKN225-g	UKN225W,UKN225NW,UKN225SW,UKN250	Reversible	10
UKT15S-1g,UKT15S-2g	UKT15S,UKT25W,UKT50	Irreversible	—
UKP25-1g, UKP25-2g	UKP25	Irreversible	20
UKP35-1g, UKP35-2g	UKP35	Irreversible	20
UKP60/61-1g, UKP60/61-2g	UKP60/61	Irreversible	10

*Please use both end plate and mount plate.

Please use a pair of mount plates for correct direction when it is not reversible.

■ Shaft Rod

Product No.	Terminal Block	Length (mm)		Packaging
KT600Z-S	UK600	6.2×30		20

■ Name Plate

Product No.	Terminal Block	Width X Length	Packaging
KT-e(1000mm)	UK,UKN,UKT,UKE	8.5×1000	50
KT-e(25m)	UK,UKN,UKT,UKE	8.5×25m	2
KT-1we	UK10,UK210,UKN10,UKN210	15×1000	50
KT-we	UK15,UK25,UK35,UK215,UK225,UK235,UKN15,UKN25,UKN35,UKT215,UKT225,UKT235	17×1000	50
UK-HOe	UK15HO,UK25HO,UK35HO,UK225HO	10×1000	50
P9-e	UKN225W,UKN225NW,UKN225SW,UKN250	12.5×650	50
EK-6e	UKE25,UKE80	6.5mm(W)	50
SK-e(650mm)	UKT15S,UKT25W,UKT50	5.5×650	50
SK-e(25m)	UKT15S,UKT25W,UKT50	5.5×25m	2

Accessories


■ Protection Cover (Multiple Positions)

Product No.	Terminal Block	Width X Length	Packaging
KT15N-d	UK10,UK210,UKN10,UKN210	32×920	20
KT15-d	UKN15,UKN25	33×920	20
KT25-d	UK15,UK25,UK35,UK215,UK225,UK235, UK15HO,UKN35,UKT215,UKT225,UKT235,UKE25,UKP25,UKP35	36.5×920	20
KT35-d	UK25HO	40.3×920	20
KT60-d	UK60,UK61,UK80,UK81,UK100,UK35HO,UK225HO,UKN225W,UKN225NW, UKN225SW,UKN250,UKT60,UKT61,UKT80,UKT81,UKT100,UKP60,UKP61	45×920	20
KT100-d	UK125,UK150,UKE80	59×920	20
UK200-d	UK200,UK300	77×920	20
KT400Z-d	UK400	89×920	20
KG-d	UK210,UK215,UK225,UK235,UKT215,UKT225,UKT235,UKN210	9.8×920	10
UKT15S-()d	UKT15S,UKT25W	—	1
UKT50-()d	UKT50	—	1

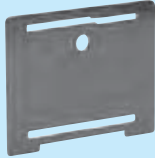
[Note] () is number of position.

■ Protection Cover (Single Position)

Product No.	Terminal Block	Width X Length	Packaging
UK125-sd	UK125	58.5×23.5	30
UK150-sd	UK150	58.5×27	30
UK200-sd	UK200	77×38.5	50
UK300-sd	UK300	77×43.5	50
UK400-sd	UK400	83×54	4
KT600Z-d	UK600	260×70	10
UK-F15d	UK-F15	—	1
UK-F15dN	UK-F15N	—	1
UK-SD-d	UK-SD	—	1


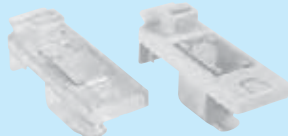




KT600Z-d



UK15/25-wa

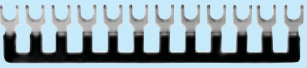
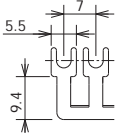

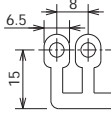

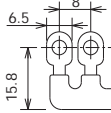

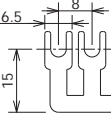

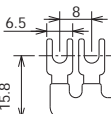

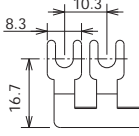

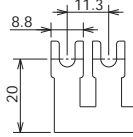

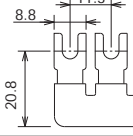

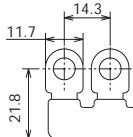

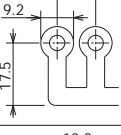

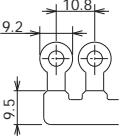
■ Protection Cover (Single Position)

Product No.	Image	Terminal Block	Material
FH-15d		FHN-15 FU-15	Polycarbonate (Clear)
FH-30dT		FH-30	Polycarbonate (Clear)
FH-30dW		FH-30	Polycarbonate (Ivory)
FH-32dT		FH-32	Polycarbonate (Clear)
FH-32dW		FH-32	Polycarbonate (Ivory)
FU-30d		FUN-30	Polycarbonate (Clear)

[Note] Protection cover is not allowed for UL compliant terminal blocks.

Accessories

Short Bar

Product No.	Image	Dimension	Products	Pitch(mm)	Positions	Packaging
UK10-()YC (Coated)			UK10 UK210	7	2,3,4,5,6,7, 8,9,10,11,12	100
KTM-()S			UK15 UK215 UKT215 UKN15	8	2,3,4,5	100
KTM-()SC (Coated)				8	2,3,4,5	100
KTM-()Y				8	2,3,4,5,6,7, 8,9,10,11,12	100
KTM-()YC (Coated)				8	2,3,4,5,6,7, 8,9,10,11,12	100
UK25-()YC (Coated)				UK25 UK225 UKT225 UKP25	10.3	2,3,4,5,6,7, 8,9,10,11,12
UK35-()Y			UK35 UK235 UKT235 UKP35	11.3	2,3,4,5,6,7, 8,9,10,11,12	100
UK35-()YC (Coated)				11.3	2,3,4,5,6,7, 8,9,10,11,12	100
UK60-()SC (Coated)			UK60 UKT60 UKP60	14.3	2,3,4,5	100
JTN25-6S			JTN25	10.8	6	100
JTN25-6SC (Coated)			JTN25	10.8	6	100

[Note] () is number of position.

Accessories



■ Suspension Board

Product No.	Terminal Block	Thickness (mm)	Packaging
UK15/25-wa	UK10,UK15,UK25	1	100
UK35-wa	UK35	1	100
UKN15/25-wa	UKN10,UKN15,UKN25	1	100

■ Angle Bracket

Product No.	Rail	Packaging
KT-o	UK-c,EK-ch,KT-c	100

■ Fuse Plugging Tool

Product No.	Image	Products
FH-P		FH-30 FH-32 FH-60
FU-P		FUN-30

Compliance List



UL File No. : E70906

Product No.	Approved Product	Voltage Rating	Maximum Current	Recommended Wire	Tightening Torque	Wiring
UK15	UKU15B	600V	15A	22-14AWG.	0.8N·m	Factory
UK25	UKU25B	600V	25A	22-10AWG.	1.2N·m	Factory
UK35	UKU35B	600V	35A	22-8AWG.	1.2N·m	Factory
UK60	UKU60B	600V	60A	16-6AWG.	2.5N·m	Factory
UK61	UKU61	600V	60A	16-6AWG.	2.0N·m	Field and Factory
UK100	UKU100B	600V	100A	16-2AWG.	2.5N·m	Factory
UK215	UKU215	600V	15A	20-14AWG.	0.8N·m	Field and Factory
UK225	UKU225	600V	25A	22-10AWG.	1.2N·m	Field and Factory
UK125	UKU125	600V	125A	4-1AWG.	6.0N·m	Factory
UK150	UKU150	600V	150A	2-1/0AWG.	6.0N·m	Factory
UK200	UKU200	600V	200A	10-4/0AWG.	10.0N·m	Factory
UK300	UKU300	600V	300A	1AWG.-300MCM	10.0N·m	Factory
UK400	UK400	600V	400A	6AWG.-400MCM	14.0N·m	Factory
UK600	UK600	600V	600A	3/0AWG.-600MCM	25.0N·m	Factory
UK15HO	UKU15HO	600V	15A	22-10AWG.	1.2N·m	Field and Factory
UK25HO	UKU25HO	600V	25A	12-8AWG.	1.2N·m	Field and Factory
UK35HO	UKU35HO	600V	35A	16-6AWG.	2.0N·m	Field and Factory
UK225HO	UKU225HO	600V	25A	12-8AWG.	1.2N·m	Field and Factory
UKN225W	UKN225W	600V	25A	14-10AWG.	1.2N·m	Factory
UKN225NW	UKN225NW	600V	25A	14-10AWG.	1.2N·m	Factory
UKN225SW	UKN225SW	600V	25A	14-10AWG.	1.2N·m	Factory
UKN250	UKN250	600V	50A	Upper : 10-6AWG. Lower : 14-10AWG.	Upper : 2.0N·m Lower : 1.2N·m	Factory
UKT60	UKTU60B	600V	60A	16-6AWG.	2.5N·m	Factory
UKT61	UKTU61	600V	60A	16-6AWG.	2.0N·m	Field and Factory
UKT100	UKTU100B	600V	100A	16-2AWG.	2.5N·m	Factory
UKT215	UKTU215	600V	15A	20-14AWG.	0.8N·m	Field and Factory
UKT225	UKTU225	600V	25A	22-10AWG.	1.2N·m	Field and Factory
UKT15S	UKT15S	600V	15A	14-10AWG.	1.2N·m	Screw : Field and Factory Tab : Factory
UKT25W	UKT25W	600V	25A	14-10AWG.	1.2N·m	Screw : Field and Factory Tab : Factory
UKT50	UKT50	600V	50A	16-6AWG.	2.0N·m	Field and Factory
UKE25	UKE25	—	25A	22-14AWG.	0.8N·m	Factory
UKE80	UKE80	—	80A	10-4AWG.	2.0N·m	Factory

Field and Factory: Crimp terminal and stripped wire.

Factory: Crimp terminal only.



UL/C-UL Compliance

UL File No. : E70906

Product No.	Approved Product	Voltage Rating	Maximum Current	Recommended Wire	Tightening Torque	Wiring
UK10	UK10	300V	10A	20-16AWG.	0.5N·m	Factory
UK80	UK80	600V	80A	10-6AWG.	2.5N·m	Factory
UK81	UK81	600V	80A	10-6AWG.	2.0N·m	Factory
UK210	UK210	300V	10A	20-16AWG.	0.5N·m	Factory
UK235	UK235	600V	35A	22-10AWG.	1.2N·m	Factory
UKN10	UKN10	300V	10A	20-16AWG.	0.5N·m	Factory
UKN15	UKN15	300V	15A	18-14AWG.	0.8N·m	Factory
UKN25	UKN25	600V	25A	16-10AWG.	1.2N·m	Factory
UKN35	UKN35	600V	35A	14-10AWG.	1.2N·m	Factory
UKN210	UKN210	300V	10A	20-16AWG.	0.5N·m	Factory
UKT80	UKT80	600V	80A	10-6AWG.	2.5N·m	Factory
UKT81	UKT81	600V	80A	10-6AWG.	2.0N·m	Factory
UKT235	UKT235	600V	35A	22-10AWG.	1.2N·m	Factory

Field and Factory: Crimp terminal and stripped wire.

Factory: Crimp terminal only.

Compliance List



CSA Compliance

CSA File No. : LR67180

Product No.	Voltage Rating	Maximum Current	Recommended Wire	Tightening Torque	Spacing Group
UK15	300V/600V	15A	22-14AWG.	0.8N·m	300V : B,C 600V : D
UK25	300V/600V	25A	22-10AWG.	1.2N·m	300V : B,C 600V : D
UK35	300V/600V	35A	22-8AWG.	1.2N·m	300V : B,C 600V : D
UK60	600V	55A	16-6AWG.	2.5N·m	B,C,D
UK61	600V	55A	16-6AWG.	2.0N·m	B,C,D
UK100	600V	60A	16-4AWG.	2.5N·m	B,C,D
UK215	600V	15A	22-14AWG.	0.8N·m	B,C,D
UK225	600V	25A	22-10AWG.	1.2N·m	B,C,D
UK125	600V	125A	14-2AWG.	6.0N·m	B,C,D
UK150	600V	150A	2-10AWG.	6.0N·m	B,C,D
UK200	600V	200A	10-4/0AWG.	10.0N·m	B,C,D
UK300	600V	300A	8AWG.-300MCM	10.0N·m	B,C,D
UK400	600V	400A	6AWG.-350MCM	14.0N·m	B,C,D
UK600	300V/600V	490A	3/0AWG.-600MCM	25.0N·m	300V : A 600V : B,C,D
UK15HO	600V	15A	22-10AWG.	1.2N·m	B,C,D
UK25HO	600V	25A	22-8AWG.	1.2N·m	B,C,D
UK35HO	600V	35A	16-6AWG.	2.0N·m	B,C,D
UK225HO	600V	25A	22-8AWG.	1.2N·m	B,C,D
UKN15	600V	15A	16-14AWG.	0.8N·m	—
UKN25	600V	25A	14-10AWG.	1.2N·m	—
UKN35	600V	35A	14-10AWG.	1.2N·m	—
UKN225W	600V	25A	14-10AWG.	1.2N·m	B,C,D,E
UKN225NW	600V	25A	14-10AWG.	1.2N·m	B,C,D,E
UKN225SW	600V	25A	14-10AWG.	1.2N·m	B,C,D,E
UKN250	600V	50A	Upper : 10-6AWG. Lower : 14-10AWG.	Upper : 2.0N·m Lower : 1.2N·m	B,C,D,E
UKT60	600V	55A	16-6AWG.	2.5N·m	B,C,D
UKT61	600V	55A	16-6AWG.	2.0N·m	B,C,D
UKT100	600V	60A	16-4AWG.	2.5N·m	B,C,D
UKT215	600V	15A	22-14AWG.	0.8N·m	B,C,D
UKT225	600V	25A	22-10AWG.	1.2N·m	B,C,D
UKT15S	600V	15A	14-10AWG.	1.2N·m	B,C,D,E
UKT25W	600V	25A	14-10AWG.	1.2N·m	B,C,D,E
UKT50	600V	50A	16-6AWG.	2.0N·m	B,C,D,E
UKE25	—	25A	22-14AWG.	0.8N·m	—
UKE80	—	80A	10-4AWG.	2.0N·m	—

Compliance List



EN Compliance

Product No.	Voltage Rating	Maximum Current	Recommended Wire	Tightening Torque	Category	
					Licence	T.Report
UK10	600V	10A	20-16AWG.	0.5N·m	R9451484	—
UK15	600V	15A	18-14AWG.	0.8N·m	R9451484	—
UK25	600V	25A	16-10AWG.	1.2N·m	R9451484	—
UK35	600V	35A	14-10AWG.	1.2N·m	R9451484	—
UK60	Rail : 400V Panel : 600V	60A	10-6AWG.	2.5N·m	—	J9451496
UK61	Rail : 400V Panel : 600V	60A	10-6AWG.	2.0N·m	—	J9451496
UK80	Rail : 400V Panel : 600V	80A	10-4AWG.	2.5N·m	—	J9451496
UK81	Rail : 400V Panel : 600V	80A	10-4AWG.	2.0N·m	—	J9451496
UK100	Rail : 400V Panel : 600V	100A	8-2AWG.	2.5N·m	—	J9451496
UK210	380V	10A	20-16AWG.	0.5N·m	R9451484	—
UK215	600V	15A	18-14AWG.	0.8N·m	R9451484	—
UK225	600V	25A	16-10AWG.	1.2N·m	R9451484	—
UK235	600V	35A	16-10AWG.	1.2N·m	R9451484	—
UK125	600V	125A	6-2AWG.	6.0N·m	—	J9451496
UK150	600V	150A	4-1/0AWG.	6.0N·m	—	J9451496
UK200	600V	200A	2-4/0AWG.	10.0N·m	—	J9451496
UK300	600V	300A	1/0AWG.-300MCM	10.0N·m	—	J9451496
UK400	600V	400A	4/0AWG.-400MCM	14.0N·m	—	J9451496
UK600	600V	600A	500-600MCM	25.0N·m	—	J9451496
UK15HO	600V	15A	18-14AWG.	1.2N·m	R9451484	—
UK25HO	600V	25A	14-10AWG.	1.2N·m	R9451484	—
UK35HO	600V	35A	14-10AWG.	2.0N·m	R9451484	—
UK225HO	600V	25A	14-10AWG.	1.2N·m	R9451484	—
UKN10	600V	10A	20-16AWG.	0.5N·m	R9451486	—
UKN15	600V	15A	18-14AWG.	0.8N·m	R9451486	—
UKN25	600V	25A	16-10AWG.	1.2N·m	R9451486	—
UKN35	600V	35A	14-10AWG.	1.2N·m	R9451486	—
UKN210	380V	10A	20-16AWG.	0.5N·m	R9451486	—
UKN225W	500V	25A	14-10AWG.	1.2N·m	R9551421	—
UKN225NW	500V	25A	14-10AWG.	1.2N·m	R9551421	—
UKN225SW	500V	25A	14-10AWG.	1.2N·m	R9551421	—
UKN250	600V	50A	Upper : 10-6AWG. Lower : 14-10AWG.	Upper : 2.0N·m Lower : 1.2N·m	R9551423	—
UKT60	600V	60A	10-6AWG.	2.5N·m	—	J9451497
UKT61	600V	60A	10-6AWG.	2.0N·m	—	J9451497
UKT80	600V	80A	10-4AWG.	2.5N·m	—	J9451497
UKT81	600V	80A	10-4AWG.	2.0N·m	—	J9451497
UKT100	600V	100A	8-2AWG.	2.5N·m	—	J9451497
UKT215	600V	15A	18-14AWG.	0.8N·m	R9451485	—
UKT225	600V	25A	16-10AWG.	1.2N·m	R9451485	—
UKT235	600V	35A	16-10AWG.	1.2N·m	R9451485	—
—	—	—	0.5-2.5mm ²	Fixed Screw : 0.5N·m Terminal Screw : 0.8N·m	R9650366	—
UKE80	—	—	6-16mm ²	Fixed Screw : 1.2N·m Terminal Screw : 2.0N·m	—	J9650656
JTN25	600V	25A	14-10AWG.	1.2N·m	R9551101	—

[Note] It is necessary to use insulation coating crimp terminal or insulation cap.

Product No.	Voltage Rating	Maximum Current	Recommended Wire	Fuse Size (mm)	Tightening Torque	Category	
						Licence	T.Report
FU-15	250V	10A	1.5-6mm ²	φ 6.3 × 32	1.2N·m	R9750812	—

[Note] It is necessary to use insulation coating crimp terminal or insulation cap.