

FIXBLOCK Terminals

Screw Connection Terminals



Part No.

Rated Cross Section

Electrical Data

CE EN60947-7-1

UL / CSA

Operating Temperature

Mechanical Data

Thermoplastic Flammability

Thermal Width

Tightening Torque

Polyamide Temp. Range

End Clamp Bracket

End Section

Jumpers

2 Pole

3 Pole

12 Pole

Connecting Straps

2 Pole

3 Pole

Identification Labels



Quick-assembly Terminal Blocks

GS2 IK5

4 mm²

750 V / 32 A

600 V / 40 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

6 mm

0.8 Nm

-30°C ... +100°C

SK35

IW4

VB4-2

VB4-3

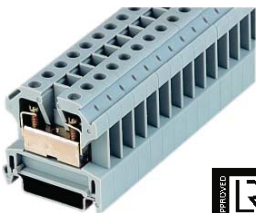
VB4-12

VL4-2

VL4-3

HSKM60U BLANK (100 pcs/card)

**Markings available on request*



Quick-assembly Terminal Blocks

GS2 IK10

10 mm²

830 V / 57 A

600 V / 50 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

8 mm

0.8 Nm

-30°C ... +100°C

SK35

IW16

VB6-2

VB6-3

VB6-12

VL6-2

HSKM80U BLANK (50 pcs/card)

**Markings available on request*



Quick-assembly Terminal Blocks

GS2 IK16

16 mm²

1000 V / 76 A

600 V / 65 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

10 mm

1.2 Nm

-30°C ... +100°C

SK35

IW16

VB16-2

VB16-3

VB16-12

VL16-2

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2 Pole

3 Pole

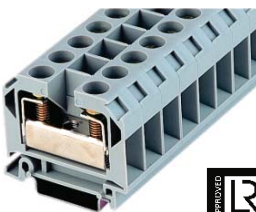
12 Pole

Connecting Straps

2 Pole

3 Pole

Identification Labels



Quick-assembly Terminal Blocks

GS2 IK25

25 mm²

1000 V / 101 A

600 V / 85 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

12 mm

2.5 Nm

-30°C ... +100°C

SK35

IW50

VB25

VL25-3

HSKM100U BLANK (50 pcs/card)

**Markings available on request*



Quick-assembly Terminal Blocks

GS2 IK51

50 mm²

1000 V / 150 A

600 V / 150 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

16 mm

5.6 Nm

-30°C ... +100°C

SK35

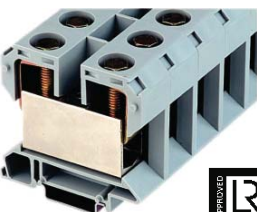
IW51

VB35

VL35-3

HSKM60U BLANK (100 pcs/card)

**Markings available on request*



Quick-assembly Terminal Blocks

GS2 IK70

70 mm²

1000 V / 192 A

600 V / 250 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

23 mm

10 Nm

-30°C ... +100°C

SK35

IW70

HSKM60U BLANK (100 pcs/card)

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End Clamp Bracket

End Section

Jumpers

2 Pole

3 Pole

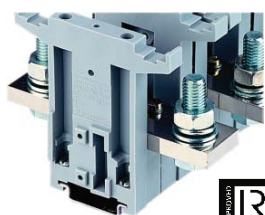
12 Pole

Connecting Straps

2 Pole

3 Pole

Identification Labels



Quick-assembly Terminal Blocks

GS2 IK120

120 mm²

750 V / 269 A

600 V / 200 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

48 mm

10 Nm

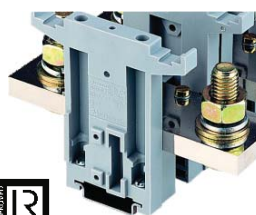
-30°C ... +100°C

SK35

IW120

HSKM100U BLANK (50 pcs/card)

*Markings available on request



Quick-assembly Terminal Blocks

GS2 IK240

240 mm²

750 V / 415 A

600 V / 285 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

58 mm

14 Nm

-30°C ... +100°C

SK35

HSKM100U BLANK (50 pcs/card)

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End Clamp Bracket

End Section

Jumpers

2 Pole

3 Pole

12 Pole

Connecting Straps

2 Pole

3 Pole

Identification Labels



Separator Terminal

GS2 IKTS4

4 mm²

500 V / 16 A

300 V / 20 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

6 mm

0.8 Nm

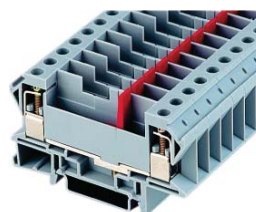
-30°C ... +100°C

SK35

IW16

HSKM60U BLANK (100 pcs/card)

*Markings available on request



Separator Terminal

GS2 IKT10

10 mm²

500 V / 57 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

8 mm

0.8 Nm

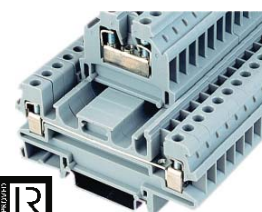
-30°C ... +100°C

SK35

IWT10

HSKM80U BLANK (50 pcs/card)

*Markings available on request



Pickaback Terminal

GS2 IKH4/IK5

4 mm²

750 V / 32 A

600 V / 30A ; 600 V / 40A

-30°C +40°C

Polyamide 6.6 UL94 V-2

6 mm

0.5 Nm

-30°C ... +100°C

SK35

IWH4 + IW4

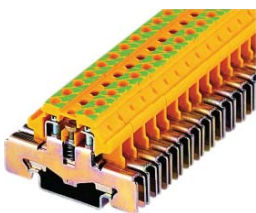
HSKM60U BLANK (100 pcs/card)

*Markings available on request

Screw Connection
EARTH Terminals

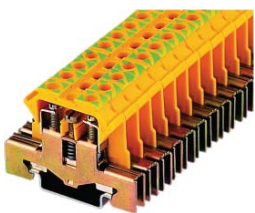


Part No.
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UL / CSA
Operating Temperature
Mechanical Data
Thermoplastic Flammability
Thermal Width
Tightening Torque
Polyamide Temp. Range
End Clamp Bracket
End Section
Jumpers
2 Pole
3 Pole
12 Pole
Connecting Straps
2 Pole
3 Pole
Identification Labels



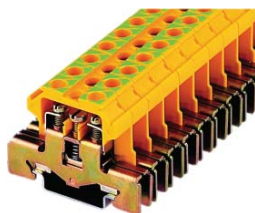
Earth Terminal

GS2 IKE4
4 mm ²
-30°C ... +40°C
Polyamide 6.6 UL94 V-2
7.5 mm
0.5 Nm
-30°C ... +100°C
SK35
HSKM80U BLANK (50 pcs/card)
<i>*Markings available on request</i>



Earth Terminal

GS2 IKE10
10 mm ²
-30°C +40°C
Polyamide 6.6 UL94 V-2
8.5 mm
0.8 Nm
-30°C ... +100°C
SK35
HSKM80U BLANK (50 pcs/card)
<i>*Markings available on request</i>



Earth Terminal

GS2 IKE16
16 mm ²
-30°C +40°C
Polyamide 6.6 UL94 V-2
10.5 mm
1.2 Nm
-30°C ... +100°C
SK35
HSKM100U BLANK (50 pcs/card)
<i>*Markings available on request</i>

Screw Connection
EARTH & FUSE Terminals

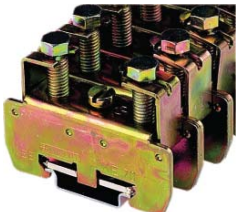


Part No.
Rated Cross Section
Electrical Data
CE EN60947-7-1
UL / CSA
Operating Temperature
Mechanical Data
Thermoplastic Flammability
Thermal Width
Tightening Torque
Polyamide Temp. Range
End Clamp Bracket
End Section
Jumpers
2 Pole
3 Pole
12 Pole
Connecting Straps
2 Pole
3 Pole
Identification Labels



Earth Terminal

GS2 IKE51
35 mm ²
-30°C +40°C
Polyamide 6.6 UL94 V-2
19 mm
5.6 Nm
-30°C ... +100°C
SK35
HSKM100U BLANK (50 pcs/card)
<i>*Markings available on request</i>



Earth Terminal

GS2 IKE70
70 mm ²
-30°C +40°C
Polyamide 6.6 UL94 V-2
20 mm
6 Nm
-30°C ... +100°C
SK35



Fuse Terminal

GS2 IKS15
4 mm ²
250 V / 6.3 A
300 V / 10 A
-30°C +40°C
Polyamide 6.6 UL94 V-2
8.1 mm
0.5 Nm
-30°C ... +100°C
Fuse Type DIN41571: G/5x20-25
HSKM100U BLANK (50pcs/card)
<i>*Markings available on request</i>

FIXBLOCK Terminals

Screw Connection FUSE Terminals



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Rated Cross Section

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CE EN60947-7-1

UL / CSA

Operating Temperature

Mechanical Data

Thermoplastic Flammability

Thermal Width

Tightening Torque

Polyamide Temp. Range

Fuse Type DIN41571

End Section

Jumpers

2 Pole

3 Pole

12 Pole

Connecting Straps

2 Pole

3 Pole

Identification Labels



Fuse Terminal

GS2_IKSI4/SH20

4 mm²

500 V / 6.3 A

150 V / 15 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

10 mm

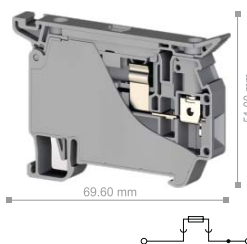
0.8 Nm

-30°C ... +100°C

G/5x20 or G/5x25

HSKM100U BLANK (50 pcs/card)

**Markings available on request*



Fuse Terminal

Klemsan KS2_ASK5

4 mm²

500 V / 10 A

300 V / 10 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

8 mm

0.5 Nm

-30°C ... +100°C

G/5x20 or G/5x25

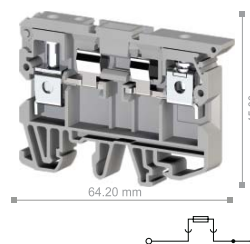
UK 6/2

UK 6/3

UK 6/10

D-NS 8x10 BLANK (50pcs/card)

**Markings available on request*



Fuse Terminal

Klemsan KS2_ASK2 S

6 mm²

500 V / 6.3 A

300 V / 6.3 A

-30°C +40°C

Polyamide 6.6 UL94 V-2

8 mm

0.8 - 1.2 Nm

-30°C ... +100°C

G/5x20 or G/5x25

NPP/ASK2

D-NS 8x10 BLANK (50pcs/card)

**Markings available on request*

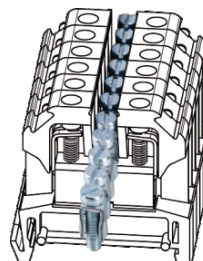
SCHLEGEL Terminal Block Accessories



End Clamp Bracket
SK35



End Section
IW4 ...120, IWT10,
IWH4 + IW4



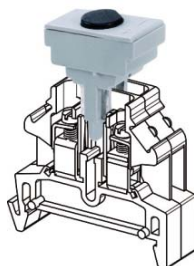
Jumper
VB4-2 to 12, VB6-2 to 12,
VB16-2 to 12, VB25, VB35



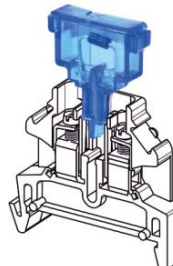
Identification Labels (Blank)
HSKM60U, HSKM80U,
HSKM100U



Klemsan End Bracket
KD3 Grey



Bridge Rectifier
BGS



Diode Plug (Blue/Red)
DS_BL / DS_RT



Printed Identification Labels
HSKM60U...100U

“OSK - Original Schlegel Clamping System”

On the screw-type terminals with wire protection bracket the conductors are pressed onto the basis of the conductive clamping body by the lower foot of the wire protection bracket which is fastened by a screw. This system is called the “OSK” system.

(Original Schlegel Clamping System), because it is unique in the terminal market. This construction ensures the so-called “Six Securities”:



Secure Wire Insertion due to:

1. insulating walls next to wire insertion opening of the metal body,
2. reliable opening of the clamp when loosening the screws (because wire protection bracket snap-fits below screw head) and
3. limitation of clamping space by the lower arm of the wire protection bracket, thus no slipping of single wires or strands.



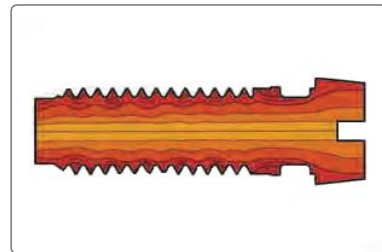
Direct clamping pressure transmission onto the wire at full bearing of the screw and protection of the wire (no damaging or piercing by the screw)



Security against tilting of the clamp (the solid metal clamping body prevents the connection “cages” from tilting when using thin wire)



Security against screw loosening under vibration by the resilient wire protection bracket that presses against the screw head (this makes the screws captive).



High Tightening Torque.

The Schlegel terminals have rolled screws which, contrary to turned screws, feature a high-compressed structure with unbroken fibres in the thread area. The very high mechanical strength properties are achieved by thread rolling and assure high tightening torques.



Security against wire loosening thanks to resilient wire protection brackets and elastic deformation properties of the clamping body.