



## Main

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                          | Linergy                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product name                   | HK                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product or Component Type      | Busbar                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Device Application             | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tap-offs (18 mm)               | 30                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Bar length                     | 26.30 in (668 mm)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Enclosure/cubicle width        | 800 mm                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network type                   | AC                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| [Ie] rated operational current | 160 A 95 °F (35 °C)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| [Ue] rated operational voltage | 400 V off-load plugging-in and unplugging, with supply switched on)IEC 60439-1<br>480 V off-load plugging-in and unplugging, with supply switched on)CSA<br>480 V off-load plugging-in and unplugging, with supply switched on)UL<br>600 V plugging-in and unplugging, with supply switched off)CSA<br>600 V plugging-in and unplugging, with supply switched off)UL<br>690 V plugging-in and unplugging, with supply switched off)IEC 60439-1 |
| Number of conductors           | 4                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Complementary

|                                |                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bar width                      | 1.77 in (45 mm)                                                                                                                                                                                                                                                                                                            |
| Width                          | 3.19 in (81 mm)                                                                                                                                                                                                                                                                                                            |
| Depth                          | 3.23 in (82 mm)                                                                                                                                                                                                                                                                                                            |
| Network Frequency              | 50/60 Hz                                                                                                                                                                                                                                                                                                                   |
| [Ui] rated insulation voltage  | 600 V CSA<br>600 V UL<br>690 V IEC 60439-1                                                                                                                                                                                                                                                                                 |
| Peak current                   | 25 kA                                                                                                                                                                                                                                                                                                                      |
| I <sup>2</sup> t on activation | 10000000 A <sup>2</sup> .s                                                                                                                                                                                                                                                                                                 |
| Protection type                | AM fuses In = 160 A, I <sub>sc</sub> = 100 kA, I <sub>e</sub> = 160 A<br>GF fuses In = 160 A, I <sub>sc</sub> = 100 kA, I <sub>e</sub> = 160 A<br>NS160H circuit breaker In = 160 A, I <sub>sc</sub> = 36 kA, I <sub>e</sub> = 160 A<br>NS160H circuit breaker In = 160 A, I <sub>sc</sub> = 70 kA, I <sub>e</sub> = 160 A |
| Connections - terminals        | Connector 0.00...0.11 in <sup>2</sup> (2.5...70 mm <sup>2</sup> ) flexible with cable end<br>Connector 0.00...0.11 in <sup>2</sup> (2.5...70 mm <sup>2</sup> ) rigid                                                                                                                                                       |
| Tightening torque              | 88.51 lbf.in (10 N.m)                                                                                                                                                                                                                                                                                                      |
| Mounting position              | Vertical using side stop AK5BT01 on mounting plates AK5PA<br>Horizontal                                                                                                                                                                                                                                                    |
| Flame retardance               | V0 conforming to UL 94                                                                                                                                                                                                                                                                                                     |
| Net Weight                     | 2.87 lb(US) (1.3 kg)                                                                                                                                                                                                                                                                                                       |

## Environment

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Standards               | IEC 60439                                              |
| Product Certifications  | LROS (Lloyds register of shipping)<br>DNV<br>UL<br>CSA |
| IP degree of protection | IPxx B conforming to IEC 60529                         |
| Fire resistance         | 1562 °F (850 °C) IEC 60695                             |

## Ordering and shipping details

|                       |                       |
|-----------------------|-----------------------|
| Category              | 22623-PANEL BUS (AK5) |
| Discount Schedule     | I11                   |
| GTIN                  | 3389110588989         |
| Nbr. of units in pkg. | 1                     |
| Package weight(Lbs)   | 3.55 lb(US) (1.61 kg) |
| Returnability         | No                    |
| Country of origin     | FR                    |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Package 1 Height             | 4.25 in (10.8 cm)        |
| Package 1 width              | 4.33 in (11 cm)          |
| Package 1 Length             | 29.13 in (74 cm)         |
| Unit Type of Package 2       | P06                      |
| Number of Units in Package 2 | 20                       |
| Package 2 Weight             | 101.94 lb(US) (46.24 kg) |
| Package 2 Height             | 28.94 in (73.5 cm)       |
| Package 2 width              | 23.62 in (60 cm)         |
| Package 2 Length             | 31.50 in (80 cm)         |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                                                                                                                       |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a>                                                                                                                                                           |
| Toxic heavy metal free     | Yes                                                                                                                                                                                                                                                                                         |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information |  <a href="#">Yes</a>                                                                                                                                                                                     |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>                                                                                                                                                                  |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>                                                                                                                                                           |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

# Mouser Electronics

Authorized Distributor

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