



# Kraus & Naimer

BLUE LINE switchgear

since 1907

DataSheet

## PHOTOVOLTAIC SWITCH - DISCONNECTORS



DC Switch Disconnectors - Single & Two String



Including  
**NEW**  
KGD40

Enclosed Solar Switch

### PRODUCT INFORMATION

- IP66/67 protection
- Insulated enclosure, grey, RAL7035
- Range from 8A-50A @1000Vdc
- Rated for use in ambient temperatures up to 50°C
- Class II compliant
- Upon request the switch disconnectors are available with door clutch systems & padlock devices

#### KGD40 ONLY:

- Up to 50 amps @1000 Vdc
- Permanent magnets in the contact body used to reduce arcing time
- Non polarity sensitive

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## PHOTOVOLTAIC SWITCH - DISCONNECTORS



DC Switch Disconnectors - Single &amp; Two String

## PART NUMBERS &amp; PRICING INFORMATION

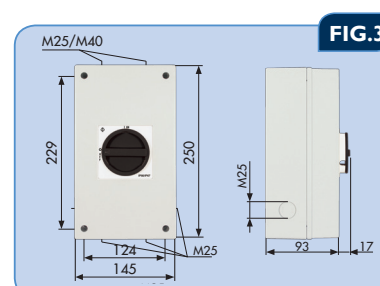
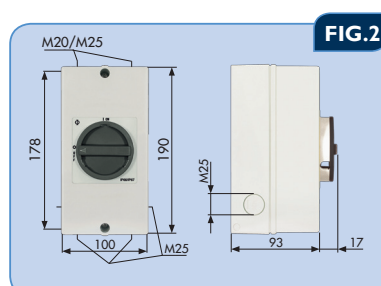
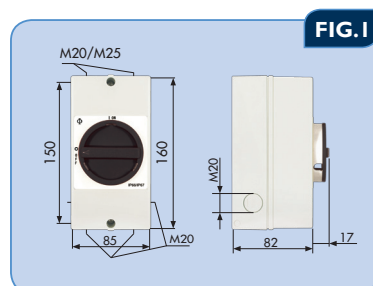
| Part No.<br>SINGLE STRING     | Voltage |      |      |      |      |      |      |      |      |      |      |      |       |  |
|-------------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|-------|--|
|                               | 250V    | 375V | 400V | 450V | 500V | 600V | 650V | 660V | 750V | 800V | 850V | 920V | 1000V |  |
| KG20 T104/D-P003 KL51V        | 25A     | 25A  | 25A  | 25A  | 21A  | 20A  | 20A  | 18A  | 18A  | 18A  | 11A  | 11A  |       |  |
| KG32 T104/D-P003 KL51V        |         |      |      |      |      | 25A  | 25A  | 23A  | 23A  | 23A  | 15A  | 15A  | 12A   |  |
| NEW KGD40 TD102/D-P003 KL11V  | 50A     | 40A  | 40A  | 30A  | 30A  |      |      |      |      |      |      |      |       |  |
| NEW KGD40 TD103/D-P003 KL11V  |         | 50A  |      | 40A  | 40A  | 40A  | 30A  | 30A  | 30A  |      | 20A  | 20A  | 20A   |  |
| NEW KGD40 TD104/D-P003 KL11V  |         |      | 50A  | 50A  | 50A  |      | 40A  | 40A  | 40A  | 40A  | 30A  | 30A  | 30A   |  |
| NEW KGD40B TD106/D-P003 KL11V |         |      |      |      |      | 50A  | 50A  | 50A  | 50A  |      | 40A  | 40A  | 40A   |  |
| NEW KGD40B TD108/D-P003 KL11V |         |      |      |      |      |      |      |      |      | 50A  | 50A  | 50A  | 50A   |  |

| Part No.<br>TWO STRING    | Voltage |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |  |
|---------------------------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--|
|                           | 220V    | 250V | 280V | 330V | 340V | 375V | 400V | 420V | 440V | 460V | 500V | 510V | 560V | 600V | 660V | 680V | 690V | 750V | 800V | 920V | 1000V |  |
| KG20 T104/GB-P103 KL51V   | 25A     | 21A  | 21A  | 20A  | 20A  | 18A  | 18A  | 11A  | 11A  | 11A  |      |      |      |      |      |      |      |      |      |      |       |  |
| KG32 T104/GB-P103 KL51V   | 28A     | 28A  | 28A  | 25A  | 25A  | 23A  | 23A  | 15A  | 15A  | 15A  | 12A  |      |      |      |      |      |      |      |      |      |       |  |
| KGD40 TD104/D-P004 KL11V  | 50A     | 50A  | 40A  | 40A  | 40A  | 40A  | 40A  | 30A  | 30A  | 30A  | 30A  | 20A  | 20A  | 20A  | 20A  | 12A  | 12A  | 12A  | 12A  | 8A   | 8A    |  |
| KG32B T106/GB-P103 KL11V  |         |      |      |      |      |      |      |      |      |      |      | 25A  | 23A  | 23A  |      | 15A  | 15A  |      |      |      |       |  |
| KG20B T108/GB-P103 KL11V  |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 20A  | 18A  | 18A  | 18A  | 11A  |       |  |
| KGD40B TD106/D-P004 KL11V |         |      | 50A  | 50A  | 50A  | 50A  |      | 40A  | 40A  | 40A  | 40A  | 40A  | 40A  | 40A  | 30A  | 30A  | 30A  | 30A  | 20A  | 20A  | 20A   |  |
| KGD40B TD108/D-P004 KL11V |         |      |      |      |      |      | 50A  | 50A  | 50A  | 50A  | 50A  |      |      |      | 40A  | 40A  | 40A  | 40A  | 40A  | 30A  | 30A   |  |

## DIMENSIONS

| Part No.<br>Single String | FIG  |
|---------------------------|------|
| KG20 T104/D-P003 KL51V    | FIG1 |
| KG32 T104/D-P003 KL51V    | FIG1 |
| KGD40 TD102/D-P003 KL11V  | FIG2 |
| KGD40 TD103/D-P003 KL11V  | FIG2 |
| KGD40 TD104/D-P003 KL11V  | FIG2 |
| KGD40B TD106/D-P003 KL11V | FIG3 |
| KGD40B TD108/D-P003 KL11V | FIG3 |

| Part No.<br>Double String | FIG  |
|---------------------------|------|
| KG20 T104/GB-P103 KL51V   | FIG1 |
| KG32 T104/GB-P103 KL51V   | FIG1 |
| KGD40 TD104/D-P004 KL11V  | FIG2 |
| KG32B T106/GB-P103 KL11V  | FIG2 |
| KG20B T108/GB-P103 KL11V  | FIG3 |
| KGD40B TD106/D-P004 KL11V | FIG3 |
| KGD40B TD108/D-P004 KL11V | FIG3 |



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