

Switch disconnecter with fuse for LV HRC fuses Sz. 3/2 Iu=630 A, Ue = 690 V, 3-pole, UR



Figure similar

| Model | |
|---|-------------------------------|
| Product brand name | SETRON |
| version | Basic version without handle |
| Design type | For mounting and installation |
| Design of the operating mechanism | manual operating mechanism |
| Design of the load switch / Strip form | No |
| Type of the driving mechanism / motor drive | No |
| Number of poles | 3 |
| Size of disconnecting link | 3 and 2 |
| Fuse system | LV HRC fuse |
| Insulation voltage / rated value | 1 000 V |
| Surge voltage resistance / rated value | 8 000 V |
| Protection class | |
| Protection class IP | IP00 |
| Dissipation | |
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 46.7 W |

| Electricity | |
|--|-----------------------------|
| Operating current / at AC-21 / rated value | 630 A |
| Continuous current / rated value | 630 A |
| Let-through current / I _{2t} / maximum permissible / in utilization category / AC-22 B / at 400 V | 5 400 000 A ² ·s |

| Main circuit | |
|---|--|
| Number of poles / for main current circuit | 3 |
| Operating power <ul style="list-style-type: none"> • at AC-23 A / at 400 V / at 50/60 Hz / rated value • at AC-23 A / at 500 V / at 50/60 Hz / rated value • at AC-23 A / at 690 V / at 50/60 Hz / rated value | 335 000 W 335 000 W 425 000 W |
| Operating voltage <ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value • at DC / rated value | 690 V 440 V |
| Rated current I _e / maximum / in utilization category <ul style="list-style-type: none"> • AC-21 A / at 400 V • AC-21 A / at 500 V • AC-21 B / at 400 V • AC-21 B / at 500 V • AC-22 A / at 400 V • AC-22 A / at 500 V • AC-22 B / at 400 V • AC-22 B / at 500 V | 630 A 630 A 630 A 630 A 630 A 630 A 630 A 630 A |

| Auxiliary circuit | |
|--|-----|
| Number of CO contacts / for auxiliary contacts | 0 |
| Number of NC contacts / for auxiliary contacts | 0 |
| Number of NO contacts / for auxiliary contacts | 0 |
| Product feature / interlock | Yes |

| Short circuit | |
|--|--|
| Conditional rated short-circuit current <ul style="list-style-type: none"> • 400V • 500V • in utilization category / AC-21 A / at 400 V • in utilization category / AC-21 A / at 500 V • in utilization category / AC-21 B / at 400 V • in utilization category / AC-21 B / at 500 V • in utilization category / AC-22 A / at 400 V • in utilization category / AC-22 A / at 500 V • in utilization category / AC-22 B / at 400 V • in utilization category / AC-22 B / at 500 V | 50 kA 50 kA 50 kA 50 kA 50 kA 50 kA 50 kA 50 kA 50 kA 50 kA |

Connections

| | |
|---|--------------------------|
| Connectable conductor cross-section | |
| <ul style="list-style-type: none"> • for main contacts <ul style="list-style-type: none"> — stranded / maximum | 480 mm ² |
| Type of connection, main circuit | flat pad connection, M12 |
| Type of electrical connection | |
| <ul style="list-style-type: none"> • for main current circuit | flat connector |

Mechanical Design







| | |
|--|-----------------------------------|
| Height | 270 mm |
| Width | 345 mm |
| Depth | 240 mm |
| Type of mounting | fixed mounted |
| Mounting position | any |
| Mounting type | Surface mounting and installation |
| Mounting type | |
| <ul style="list-style-type: none"> • front mounting with 4-hole attachment | No |
| <ul style="list-style-type: none"> • front mounting with central attachment | No |
| <ul style="list-style-type: none"> • rail mounting | No |

Environmental conditions

| | |
|--|--------|
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation / minimum | -25 °C |
| <ul style="list-style-type: none"> • during operation / maximum | 55 °C |
| <ul style="list-style-type: none"> • during storage / minimum | -50 °C |
| <ul style="list-style-type: none"> • during storage / maximum | 80 °C |

Certificates

| | |
|---|----|
| Certificate of suitability | UR |
| Reference code / acc. to DIN EN 61346-2 | Q |

| General Product Approval | Declaration of Conformity | Test Certificates | Shipping Approval | other |
|--|---|---|---|--|
|  CCC |  UR |  EG-Konf. |  Special Test Certificate |  LRS |
| | | | |  Environmental Confirmations |

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3KL6130-1AB02>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3KL6130-1AB02>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KL6130-1AB02

CAX-Online-Generator
<http://www.siemens.com/cax>

Tender specifications
<http://www.siemens.com/specifications>

