

SWITCH DISCONNECTOR NEW DESIGN IU=80A,
UE=690V,
3-POLE BASIC VERSION WITHOUT 8UC6 HANDLE AND
SHAFT



Similar to image

General technical details:

| | | |
|--|---|----------------------------|
| product brand name | | SENTRON |
| product designation | | Switch Disconnecter 3KA |
| Number of poles | | 3 |
| Acceptability for application | | |
| • main switch | | Yes |
| • switch disconnecter | | Yes |
| • emergency stop switch | | Yes |
| • safety cut-out switch | | Yes |
| • maintenance/repair switch | | Yes |
| Product extension | | |
| • optional / motor drive | | No |
| • optional / voltage trigger | | No |
| Design of the operating mechanism | | manual operating mechanism |
| Product equipment / interlock | | Yes |
| Type from device | | fixed mounting |
| type of voltage | | AC/DC |
| Continuous current / rated value | A | 80 |

| | | |
|--|----|-------|
| Breaking capacity limit short-circuit current (I_{cu}) / at 400 V / rated value | kA | 100 |
| • optional / interlock | | Yes |
| • auxiliary switch | | Yes |
| Active power loss | | |
| • maximum | W | 12 |
| • per conductor / typical | W | 4 |
| Insulation voltage / rated value | V | 690 |
| Impulse voltage resistance / rated value | V | 6,000 |
| Item designation | | |
| • according to DIN EN 61346-2 | | Q |
| • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 | | Q |

Main circuit:

| | | |
|---|---|----------------|
| Design of the electrical connection | | |
| • for main current circuit | | flat connector |
| Number of poles / for main current circuit | | 3 |
| Operating current | | |
| • at AC-21 | | |
| • at 500 V / rated value | A | 80 |
| • at 690 V / rated value | A | 80 |
| • rated value | A | 80 |
| • at AC-22 A | | |
| • at 400 V / rated value | A | 80 |
| • at 500 V / rated value | A | 80 |
| • at 690 V / rated value | A | 80 |
| • at AC-23 A | | |
| • at 400 V / rated value | A | 80 |
| • at 500 V / rated value | A | 80 |
| • at 690 V / rated value | A | 80 |
| • at AC-3 / at 400 V | | |
| • rated value | A | 80 |
| • at DC-23 A | | |
| • at 400 V / rated value | A | 63 |
| Operating power | | |
| • at AC-23 A | | |
| • at 400 V / at 50/60 Hz / rated value | W | 40,000 |
| • at 500 V / at 50/60 Hz / rated value | W | 40,000 |
| • at 690 V / at 50/60 Hz / rated value | W | 50,000 |
| Operating voltage / for DC / rated value | V | 440 |


| | | |
|--|---|-----|
| Operating voltage / at 50/60 Hz / for AC / rated value | V | 690 |
|--|---|-----|

| Auxiliary circuit: | | |
|--|--|---|
| Number of NC contacts / for auxiliary contacts | | 0 |
| Number of NO contacts / for auxiliary contacts | | 0 |
| Number of changeover contacts / for auxiliary contacts | | 0 |

| Installation/mounting/dimensions: | | |
|---|----|----------------------------------|
| mounting position | | any |
| Protection against electrical shock | | finger-safe |
| Design of the load switch <ul style="list-style-type: none"> Strip form | | No |
| Type of the driving mechanism <ul style="list-style-type: none"> motor drive | | No |
| Type of mounting <ul style="list-style-type: none"> Rail installation front mounting with central fixation front mounting with 4-hole fixation | | floor mounting No No No |
| Width | mm | 120 |
| Height | mm | 105 |
| Depth | mm | 150 |

| Connections: | | |
|---|-------|----|
| Conductor cross section that can be connected <ul style="list-style-type: none"> for main contacts stranded | / mm² | 35 |

| Ambient conditions: | | |
|--|----------|----------------------------|
| Ambient temperature <ul style="list-style-type: none"> during operating during storage | °C °C | -25 ... +55 -50 ... +80 |
| Protection class IP | | IP00 |
| Verification of suitability | | CE |

| Certificates/approvals: | | |
|---|--|---|
| General Product Approval | Test Certificates | other |
|  | Special Test Certificate | Declaration of Conformity |

| Further information: |
|----------------------|
|----------------------|

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

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

Industry Mall (Online ordering system)

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

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

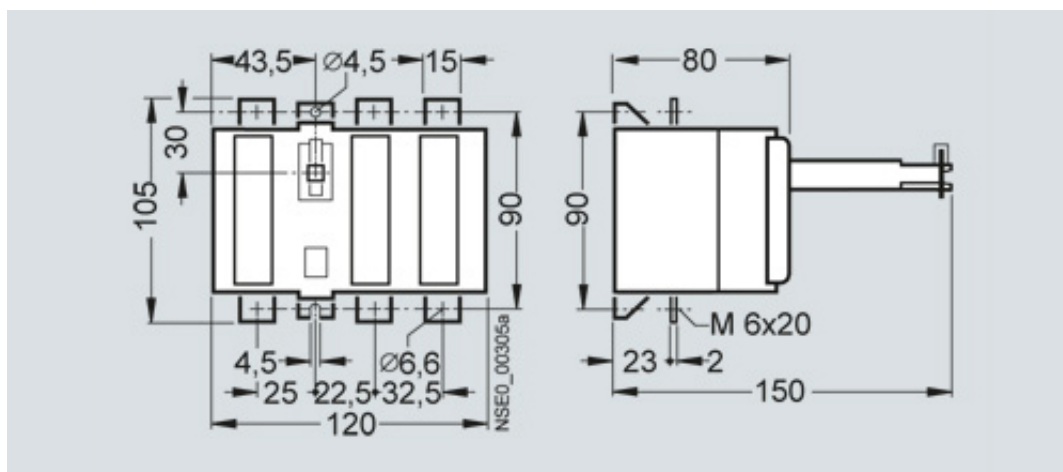
<http://support.automation.siemens.com/WW/view/en/3KA5130-1AE01/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3KA5130-1AE01

CAX-Online-Generator

<http://www.siemens.com/cax>



last change:

Jun 24, 2013