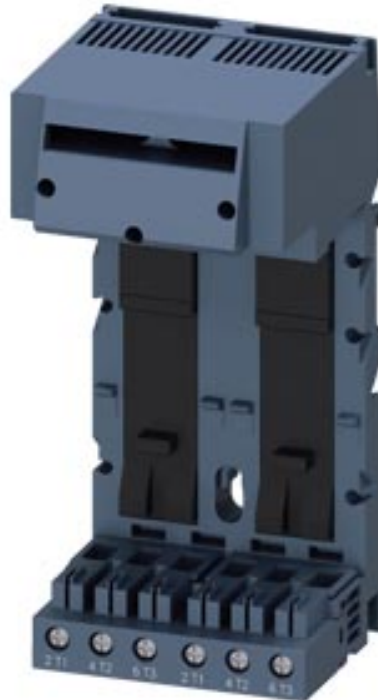


Twin extension block Connection main circuit: screw terminal 2 slots for compact load feeders



| General technical data | | |
|--|----|--|
| Product brand name | | SIRIUS |
| Product designation | | 2-expansion block |
| Protection class IP | | IP20 |
| Degree of pollution | | 3 |
| Number of slots for compact feeder | | 2 |
| Installation altitude at height above sea level maximum | m | 2 000 |
| Ambient temperature | | |
| • during transport | °C | -55 ... +80 |
| • during storage | °C | -55 ... +80 |
| • during operation | °C | -20 ... +60 |
| Vibration resistance | | f = 4 to 5.8 Hz; d = 15 mm; f = 5.8 to 500 Hz; a = 2 m / s ² 10 cycles |
| Shock resistance | | Semi-sinusoidal a = 6 m/s ² at 10 ms; 3 pos. and 3 neg. Shock in all axes |
| Reference code acc. to DIN EN 61346-2 | | K |
| Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | K |

| Main circuit | | |
|---|---|-----|
| Operating current at AC at 400 V rated value | A | 63 |
| Operating voltage at AC-3 rated value maximum | V | 690 |

| Installation/ mounting/ dimensions | | |
|------------------------------------|----|----------------------------|
| Mounting type | | screw and snap-on mounting |
| Width | mm | 90 |
| Height | mm | 197 |
| Depth | mm | 100 |

| Connections/ Terminals | | |
|--|-----------------|---|
| Type of electrical connection for main current circuit | | screw-type terminals |
| Design of screw-type connection for main contacts | | M3 |
| Wire stripping length for main contacts | mm | 10 |
| Tightening torque for main contacts with screw-type terminals | N·m | 2 ... 2.5 |
| Connectable conductor cross-section for main contacts for load-side outgoing feeder | | |
| • solid | mm ² | 1.5 ... 10 |
| • stranded | mm ² | 1.5 ... 10 |
| • finely stranded with core end processing | mm ² | 1.5 ... 6 |
| AWG number as coded connectable conductor cross section for main contacts for load-side outgoing feeder | | 14 ... 8 |
| Type of connectable conductor cross-sections for main contacts for load-side outgoing feeder | | |
| • solid | | 2x (1.5 ... 6 mm ²), 1x (1.5 ... 10 mm ²) |
| • stranded | | 2x (1.5 ... 6 mm ²), 1x (1.5 ... 10 mm ²) |
| • finely stranded with core end processing | | 2 x (1.5 ... 6) mm ² |
| Type of connectable conductor cross-sections at AWG conductors for main contacts for load-side outgoing feeder | | 2 x (16 ... 10), 1 x (16 ... 8) |

Certificates/ approvals

| | | |
|--------------------------|-----|---------------------------|
| General Product Approval | EMC | Declaration of Conformity |
|--------------------------|-----|---------------------------|



[Miscellaneous](#)

| | |
|-------------------|-------------------|
| Test Certificates | Shipping Approval |
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)



| | |
|-------------------|-------|
| Shipping Approval | other |
|-------------------|-------|



[Confirmation](#)

Safety related data

| | |
|-------------------------------------|-------------|
| Protection against electrical shock | finger-safe |
|-------------------------------------|-------------|

Further information

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA6822-0AB>

Cax online generator

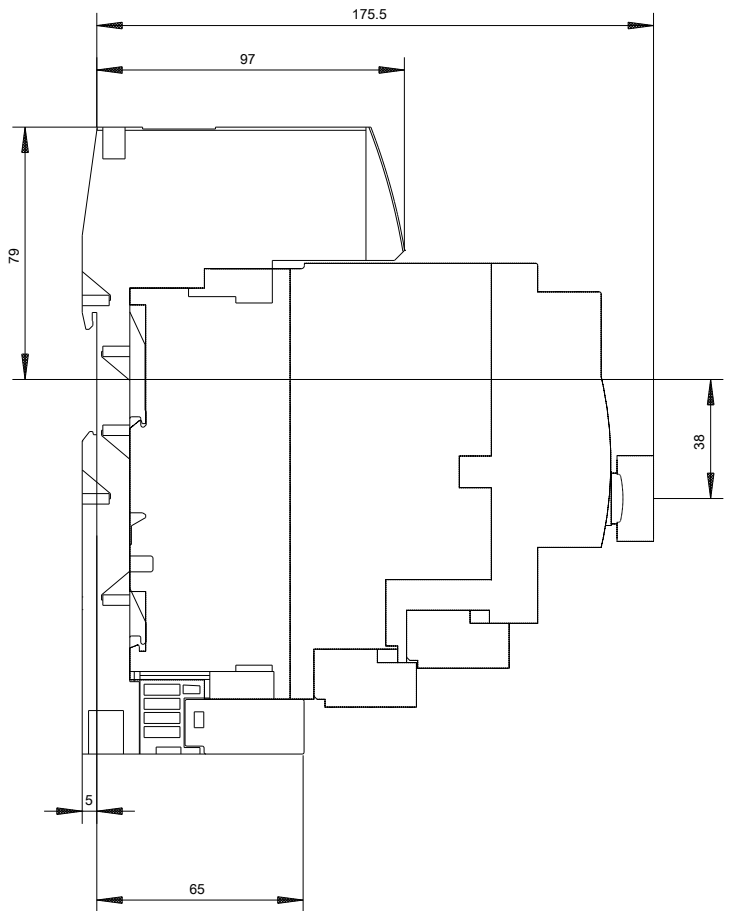
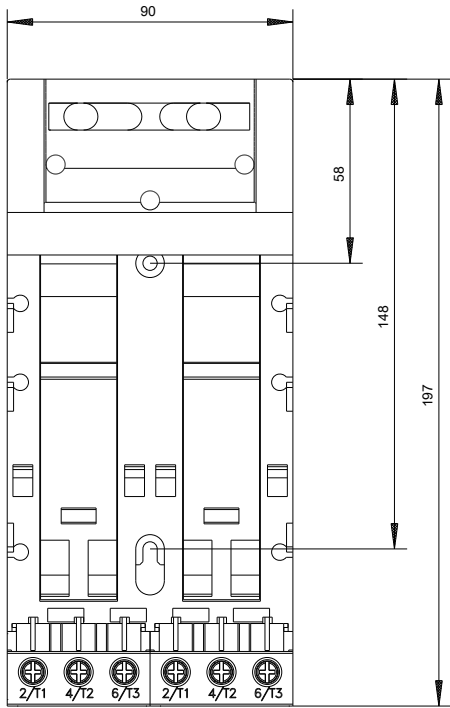
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6822-0AB>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA6822-0AB>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6822-0AB&lang=en



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03/25/2020