

Brief Instructions

Terminal Boxes SR.T* Stainless Steel

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Validity

Specific processes and instructions in this instruction manual require special provisions to guarantee the safety of the operating personnel.

Target Group, Personnel

Responsibility for planning, assembly, commissioning, operation, maintenance, and dismantling lies with the plant operator.

The personnel must be appropriately trained and qualified in order to carry out mounting, installation, commissioning, operation, maintenance, and dismantling of the device. The trained and qualified personnel must have read and understood the instruction manual.

Reference to Further Documentation

Observe laws, standards, and directives applicable to the intended use and the operating location. Observe Directive 1999/92/EC in relation to hazardous areas.

The corresponding datasheets, manuals, declarations of conformity, EC-type-examination certificates, certificates, and control drawings if applicable (see datasheet) are an integral part of this document. You can find this information under www.pepperl-fuchs.com.

Intended Use

The terminal boxes are used to distribute electrical energy and electrical signals in hazardous areas. They must be installed in fixed installations. Intended use includes observing these operating instructions and the other applicable documents, e.g. the data sheet. Any other use of the terminal boxes is not allowed.

Mounting and Installation

Observe the installation instructions according to IEC/EN 60079-14.

Local / national or plant specific electrical, grounding, H&S or installation rules and regulations shall be taken into account during installation.

If you intend to install the device or enclosure in areas that may be exposed to aggressive substances, ensure that the stated surface materials are compatible with these substances. If required, contact Pepperl+Fuchs for further information.

The requirements of the IEC/EN 60079-31 regarding excessive dust deposits must be considered by the user.

Ensure that adequate free air exists around the enclosure, and that it is not subjected to external sources of heating that could affect the stated temperature class.

Safety-relevant markings are found on the enclosure. Additional warnings may be on separate labels besides the main nameplate. Ensure that all labels are present and legible. Take the ambient conditions into account.

The permitted ambient temperatures of the built-in components must not be exceeded.

Ensure that the enclosure is not damaged, distorted, or corroded.

Ensure that all seals are clean, undamaged, and correctly fitted.

Tighten all screws of the enclosure/enclosure cover with the appropriate torque.

Cover screws are designed to be self-captive and they should remain in the cover at all times. If they ever need to be replaced, they have to be screwed

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through the enclosure cover into the associated spacer.

For cable glands only use incoming cable diameters of the appropriate size.

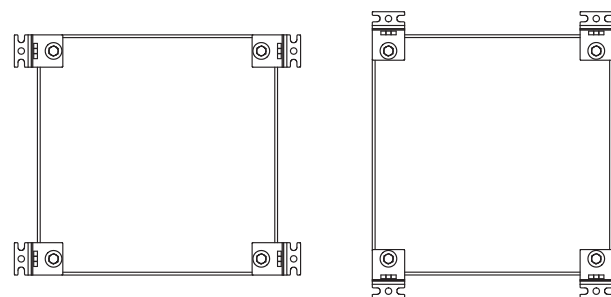
Tighten all cable glands with the appropriate torque.

Close all unused cable glands with the appropriate sealing plugs.

Close all unused enclosure holes with the appropriate stopping plugs.

Only use stopping plugs that are suitably certified for the application.

Only use sealing plugs that are suitably certified for the application.

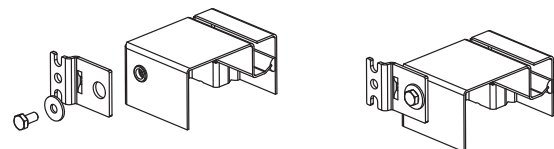


Enclosures can be installed either by means of separate mounting brackets or directly by using the screw holes in the enclosure rear.

Use all existing screw holes for mounting the enclosure.

It is recommended to use screws according to ISO 4762 or equivalent

Follow below instructions when using the optional mounting brackets in horizontal position.



1. Screw the brackets to the screw holes in the enclosure rear
2. Mark the upper screw positions on the mounting surface
3. Fix all upper screws to the mounting surface
4. Hang the enclosure onto the screws by using the bottom notches of the upper brackets
5. Mark the lower screw positions using the central holes of the lower brackets
6. Drill the appropriate screw holes into the mounting surface
7. Fix the lower mounting brackets to the mounting surface by using the central holes
8. Tighten all mounting screws with the appropriate torque

Torque moments depend on the used screws and the material where they are screwed into.

If using the mounting brackets in vertical position always use the central bracket holes.

If mounting the enclosure on concrete use expansion anchors. When mounting the enclosure to a steel framework use vibration resistant mounting material.

Make sure that the enclosure is mounted on a flat surface to avoid distortion of the enclosure and ensure proper sealing function of the cover gasket.

If external ground connections exist, ensure they are in good condition, and are not damaged or corroded.

In order to prevent condensation in the enclosure, use suitably certified breather drains.

Requirements for cable glands:

Only use cable glands that are suitably certified for the application.

Only use cable glands with a temperature range appropriate to the application.

Only use cable glands with an ingress protection appropriate to the application.

Ground metal cable glands.

Requirements regarding temperature:

In order to guarantee the temperature classes, ensure that power dissipation is lower than the figure stated in the certificate. Most of the power dissipation arises from current flowing in the cables.

For terminal boxes installed in ambient temperatures above +40 °C, the cable entry point temperature may rise 40 degrees above the ambient temperature when the maximum allowed power is dissipated. Cable with a suitable temperature rating must be selected.

In case of mixed Ex e / Ex i arrangements, ensure the required minimum distances according to IEC/EN 60079-11.

Requirements for conductors and terminals:

Ensure that the terminals are in good condition and are not damaged or corroded.

Use only one conductor per terminal conductor entry point.

Observe the tightening torque of the terminal screws.

Avoid excessive cable lengths.

Observe the minimum bending radius of the conductors.

When installing the conductors the insulation must reach up to the terminal.

When using stranded conductors, crimp wire end ferrules on the conductor ends.

Unused cables and connection lines must be connected to terminals.

Insulation by tape alone is not permitted.

The use of jumpers may reduce the maximum allowed voltage of the terminal box. Only suitably 'Ex e' certified jumpers which are listed in the certificate of the respective terminal manufacturer are allowed to be fitted.

Observe the special conditions for safe use listed in the manufacturer's documentation.

Do not bunch more than 6 conductors in order to avoid hot spots.

Arrange ground connections for incoming and outgoing cables so that the earth fault current is not carried between separate grounding plates.

When installing additional components, make sure that these components are listed in the relevant certificates.

Only use suitably certified terminals.

Rules for installing additional terminals:

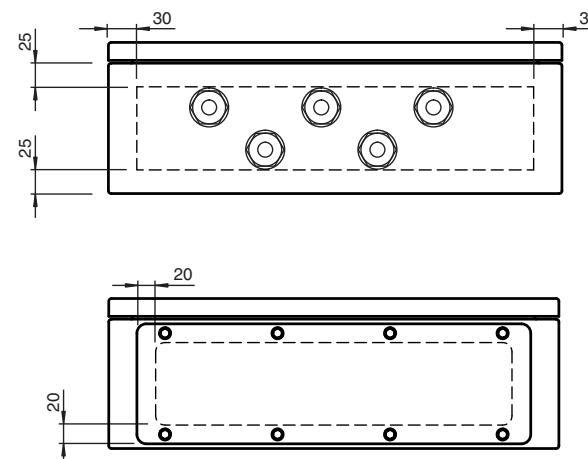
It is allowed to add terminals in accordance with the maximum permitted power dissipation. For calculation and terminal capacity tables please refer to below section 'Maximum Terminal Capacity'.

Rules for bringing in additional thru-holes for glands:

Determine if the space needed for the additional holes does not affect the stability of the enclosure wall and therefore the effectiveness of the gasket system.

In case of doubts consult Pepperl+Fuchs.

Maintain the minimum distances to enclosure rims and bottom as shown in the drawings below.



Calculate the minimum distance from the center of the additional thru-hole to the center of an already existing adjacent thru-hole by means of one of the following formulas:

1. Calculation via diameters

HSN = diameter of adjacent thru-hole

HSA = diameter of additional thru-hole

Minimum distance between centers = $1.5 \times (HSN+HSA)/2$

2. Calculation via widths across corners

WCN = width across corners of adjacent cable gland

WCA = width across corners of additional cable gland

Minimum distance between centers = $1.2 \times (WCN+WCA)/2$

Thru-holes for plain entries must have a diameter of not more than 0.7 mm greater than the nominal diameter of the entry thread of cable gland or fitting. Fabricate the additional thru-holes with an appropriate tooling method.

Ensure the thru-hole diameters are fitting to the gaskets and cable glands to be installed.

Ensure the enclosure surfaces around the thru-holes are undamaged in order to maintain the IP-protection.

Operation, Maintenance, Repair

Observe IEC/EN 60079-14 during operation.

Observe IEC/EN 60079-17 for maintenance and inspection.

Observe IEC/EN 60079-19 for repair and overhaul.

Before opening the enclosure make sure that the built-in components are de-energized.

When energized, the enclosure may only be opened for maintenance, if only intrinsically safe circuits are used inside the enclosure.

The required maintenance intervals depend on the respective application, ambient conditions and national regulations and therefore have to be determined by the user.

Labels, windows and other surfaces which are not protected against electrostatic discharge may be a potential electrostatic charge hazard and shall therefore be cleaned only with a damp cloth.

Before reassembly, make sure both gasket and sealing faces are in good and clean condition to assure the degree of protection.

If there is a defect, the device must be repaired by Pepperl+Fuchs.

Alternatively the device can be repaired by a qualified electrician in compliance with IEC/EN 60079-19.

Delivery, Transport, Disposal

Disposing of device and packaging must be in compliance with the applicable laws and guidelines of the respective country.

Technical Specifications

| General | |
|---|---|
| Types and variants | SR.T* - see type code table |
| Electrical specifications | |
| Operating voltage | 1100 V AC / DC max. for ATEX / IECEx See certification label |
| Operating current | 350 A max. Dependent on terminals and equipment fitted, but must not exceed maximum. See certification label |
| Mechanical specifications | |
| Dimensions | see data table |
| Enclosure cover | fully detachable |
| Cover fixing, torque | see data table |
| Degree of protection | IP66 |
| Mass | see data table |
| Shock resistance | IK09, IK10 |
| Mounting | screws, optional mounting brackets enclosed |
| Cable entry | thru-holes or cable glands as per specification |
| Material | |
| Enclosure | 1.5 mm AISI 316L, (1.4404) stainless steel |
| Gland Plate | optional 3 mm or 6 mm AISI 316L (1.4404) stainless steel |
| Finish | brushed |
| Cover seal | silicone |
| Cover fixing | stainless steel A4 (V4A) hexagonal head screws, see data table |
| Grounding | M6 internal/external brass nickel-plated grounding bolt M6 internal stainless steel grounding bolt welded to lid M6 internal stainless steel grounding bolt welded to enclosure body |
| Ambient conditions | |
| Ambient temperature | -60 ... 120 °C (-76 ... 248 °F) depending on integrated components |
| Data for application in connection with hazardous areas | |
| EU-Type Examination Certificate | CML 20 ATEX 3118U CML 20 ATEX 3156X |
| Marking | Ex II 2 GD Ex eb IIC T* Gb, Ex tb IIIC T** Db or Ex ia IIC T* Gb T6/T80 °C @ Ta +40 °C T5/T95 °C @ Ta +55 °C T4/T130 °C @ Ta +60 °C T4/T130 °C @ Ta +90 °C |
| Maximum power dissipation | Dependent on enclosure size. See certification label |
| International approvals | |
| IECEX approval | IECEX CML 20.0076U IECEX CML 20.0094X |
| UKCA approval | CML 21 UKEX 3423U CML 21 UKEX 3892X |
| Conformity | |
| Degree of protection | EN 60529 |
| Shock resistance | EN IEC 62262 |
| CE marking | 0102 |
| Standards | EN IEC 60079-0:2018 EN IEC 60079-7:2015 / A1:2018 EN 60079-11:2012 EN 60079-28:2015 EN 60079-31:2014 |

Type Code / Model Number

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|----|-----|----|----|----|---|---|---|------|
| SR | *** | ** | ** | ** | * | * | * | **** |
| SR | TBI | 38 | 48 | 16 | B | 1 | S | 0001 |

Example: SR.TBI.38.48.16.B.1-S0001
Terminal box stainless steel for intrinsically safe circuits, size 38x48x16 cm, landscape orientation with face B at bottom, gland plate at bottom face, standard product

| 1 | Enclosure type |
|-----|---|
| SR | stainless steel |
| 2 | Type of solution |
| TJE | junction box (Ex e) |
| TJI | junction box (Ex i) |
| TBE | terminal box (Ex e) |
| TBI | terminal box (Ex i) |
| TBM | terminal box, various types of explosion protection, e.g. (Ex e, Ex i) or (Ex e, Ex op pr) |
| TB1 | terminal box with one terminal |
| TFO | fiber optic splice box (Ex op pr) |
| | empty enclosure (U-certified) |
| 3 | Height [cm] |
| n | see dimensions data table |
| 4 | Width [cm] |
| n | see dimensions data table |
| 5 | Depth [cm] |
| n | see dimensions data table |
| 6 | Cable entry face orientation |
| B | face [B] at bottom |
| D | face [D] at bottom |
| 7 | Gland plates |
| 0 | none |
| 1 | one gland plate at bottom face |
| 2 | two gland plates |
| 3 | three gland plates |
| 4 | four gland plates |
| 8 | Variant type |
| S | standard product |
| C | configured product |
| CA | configured and adapted product |
| Y | engineered product |
| U | empty enclosure |
| 9 | Variant number |
| xxx | consecutive item number |

Maximum Terminal Capacity

Maximum number of terminals in relation to the cross-section and the permissible continuous current, based on terminal type WDU.

Calculation of terminals quantities:

$$\sum_{k=0}^n \frac{\text{installed terminals quantity}}{\text{permitted terminals quantity}} < 1$$

Example:

- enclosure type GR.T*.36.36.10
- 10 x 6 mm² terminals with an application current of 24 A consume 45% of the rated power dissipation [10 (installed terminal quantity) / 22 (permitted terminal quantity)]
- 20 x 2.5 mm² terminals with an application current of 10 A consume 25% of the rated power dissipation [20 (installed terminal quantity) / 79 (permitted terminal quantity)]
- installation of additional 5 terminals with 2.5 mm² and an application current of 10 A will consume 6% of the rated power dissipation
- 45% + 25% + 6% = 76% < 100%
- result: installation of the additional terminals is permissible

The values shown below are those which result in a maximum 40 degrees rise within the enclosure. Please consult with Pepperl+Fuchs for different temperature rises.

When using below tables, the simultaneous factor or the rated load factor in accordance with IEC 60439 must be taken into consideration.

Terminals carrying only intrinsically safe circuits or earth terminals may be added in any number within the physical capacity of the enclosure.

Terminals shall not be installed within the upper 25% of the height of the enclosure.

| Enclosure type: | | SRS.10.11.09 | | | | | |
|---|--------------------------------------|--------------|----|---|----|----|--|
| Maximum permitted power dissipation [W]: | | 5.5 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 14 | 14 | 12 | 9 | 7 | 6 | |
| 5 | 14 | 14 | 12 | 9 | 7 | 6 | |
| 10 | 14 | 14 | 12 | 9 | 7 | 6 | |
| 16 | 5 | 8 | 12 | 9 | 7 | 6 | |
| 20 | 0 | 0 | 12 | 9 | 7 | 6 | |
| 24 | 0 | 0 | 4 | 9 | 7 | 6 | |
| 35 | 0 | 0 | 0 | 2 | 4 | 6 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 5 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 1 | |

| Enclosure type: | | SRS.11.14.09 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 6.3 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 19 | 19 | 16 | 12 | 9 | 8 | |
| 5 | 19 | 19 | 16 | 12 | 9 | 8 | |
| 10 | 19 | 19 | 16 | 12 | 9 | 8 | |
| 16 | 5 | 8 | 16 | 12 | 9 | 8 | |
| 20 | 0 | 0 | 12 | 12 | 9 | 8 | |
| 24 | 0 | 0 | 5 | 12 | 9 | 8 | |
| 35 | 0 | 0 | 0 | 2 | 4 | 8 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 1 | |

| Enclosure type: | | SRS.11.18.09 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 7.0 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 27 | 27 | 22 | 17 | 13 | 11 | |
| 5 | 27 | 27 | 22 | 17 | 13 | 11 | |
| 10 | 27 | 27 | 22 | 17 | 13 | 11 | |
| 16 | 5 | 8 | 22 | 17 | 13 | 11 | |
| 20 | 0 | 0 | 12 | 17 | 13 | 11 | |
| 24 | 0 | 0 | 4 | 15 | 13 | 11 | |
| 35 | 0 | 0 | 0 | 2 | 4 | 11 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SRS.11.22.09 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 7.7 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 34 | 34 | 29 | 22 | 17 | 14 | |
| 5 | 34 | 34 | 29 | 22 | 17 | 14 | |
| 10 | 31 | 34 | 29 | 22 | 17 | 14 | |
| 16 | 5 | 8 | 27 | 22 | 17 | 14 | |
| 20 | 0 | 0 | 12 | 22 | 17 | 14 | |
| 24 | 0 | 0 | 4 | 15 | 17 | 14 | |
| 35 | 0 | 0 | 0 | 2 | 4 | 14 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SRS.15.15.09 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 7.7 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 22 | 22 | 18 | 14 | 11 | 9 | |
| 5 | 22 | 22 | 18 | 14 | 11 | 9 | |
| 10 | 22 | 22 | 18 | 14 | 11 | 9 | |
| 16 | 5 | 8 | 18 | 14 | 11 | 9 | |
| 20 | 0 | 0 | 13 | 14 | 11 | 9 | |
| 24 | 0 | 0 | 5 | 14 | 11 | 9 | |
| 35 | 0 | 0 | 0 | 2 | 5 | 9 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SRS.15.19.09 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 8.6 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 5 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 10 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 16 | 5 | 9 | 25 | 18 | 15 | 12 | |
| 20 | 0 | 0 | 13 | 18 | 15 | 12 | |
| 24 | 0 | 0 | 5 | 17 | 15 | 12 | |
| 35 | 0 | 0 | 0 | 2 | 5 | 12 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 7 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SRS.19.19.10 | | | | | |
|---|--------------------------------------|--------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 10.2 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 5 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 10 | 29 | 29 | 25 | 18 | 15 | 12 | |
| 16 | 6 | 9 | 25 | 18 | 15 | 12 | |
| 20 | 0 | 0 | 14 | 18 | 15 | 12 | |
| 24 | 0 | 0 | 5 | 18 | 15 | 12 | |
| 35 | 0 | 0 | 0 | 2 | 5 | 12 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 7 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.26.26.16 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 17.7 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 5 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 10 | 49 | 75 | 63 | 47 | 38 | 32 | |
| 16 | 7 | 12 | 43 | 47 | 38 | 32 | |
| 20 | 0 | 0 | 19 | 44 | 38 | 32 | |
| 24 | 0 | 0 | 7 | 24 | 38 | 32 | |
| 35 | 0 | 0 | 0 | 2 | 7 | 32 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 10 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.31.31.22 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 18.5 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 5 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 10 | 42 | 69 | 79 | 59 | 48 | 40 | |
| 16 | 6 | 11 | 38 | 59 | 48 | 40 | |
| 20 | 0 | 0 | 16 | 39 | 48 | 40 | |
| 24 | 0 | 0 | 6 | 21 | 37 | 40 | |
| 35 | 0 | 0 | 0 | 2 | 6 | 31 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 9 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.48.16 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 27.1 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 5 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 10 | 49 | 80 | 167 | 152 | 122 | 102 | |
| 16 | 7 | 12 | 44 | 86 | 122 | 102 | |
| 20 | 0 | 0 | 19 | 45 | 78 | 102 | |
| 24 | 0 | 0 | 7 | 24 | 44 | 102 | |
| 35 | 0 | 0 | 0 | 2 | 7 | 37 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 10 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.19.38.16 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 18 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 60 | 60 | 50 | 38 | 30 | 25 | |
| 5 | 60 | 60 | 50 | 38 | 30 | 25 | |
| 10 | 44 | 60 | 50 | 38 | 30 | 25 | |
| 16 | 6 | 11 | 39 | 38 | 30 | 25 | |
| 20 | 0 | 0 | 17 | 38 | 30 | 25 | |
| 24 | 0 | 0 | 6 | 22 | 30 | 25 | |
| 35 | 0 | 0 | 0 | 2 | 6 | 25 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 9 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.26.26.22 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 20.4 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 5 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 10 | 53 | 75 | 63 | 47 | 38 | 32 | |
| 16 | 7 | 13 | 47 | 47 | 38 | 32 | |
| 20 | 0 | 0 | 20 | 47 | 38 | 32 | |
| 24 | 0 | 0 | 7 | 26 | 38 | 32 | |
| 35 | 0 | 0 | 0 | 3 | 7 | 32 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 11 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.38.16 | | | | | |
|---|--------------------------------------|-------------|-----|-----|----|----|--|
| Maximum permitted power dissipation [W]: | | 22.3 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 182 | 182 | 152 | 115 | 92 | 77 | |
| 5 | 182 | 182 | 152 | 115 | 92 | 77 | |
| 10 | 45 | 74 | 152 | 115 | 92 | 77 | |
| 16 | 6 | 11 | 40 | 79 | 92 | 77 | |
| 20 | 0 | 0 | 18 | 41 | 71 | 77 | |
| 24 | 0 | 0 | 6 | 22 | 40 | 77 | |
| 35 | 0 | 0 | 0 | 2 | 6 | 34 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 10 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.48.22 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 30.9 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 5 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 10 | 54 | 89 | 186 | 152 | 122 | 102 | |
| 16 | 8 | 13 | 49 | 96 | 122 | 102 | |
| 20 | 0 | 0 | 21 | 50 | 87 | 102 | |
| 24 | 0 | 0 | 8 | 27 | 49 | 102 | |
| 35 | 0 | 0 | 0 | 3 | 8 | 41 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 12 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.23.30.16 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 17.7 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 45 | 45 | 38 | 28 | 23 | 19 | |
| 5 | 45 | 45 | 38 | 28 | 23 | 19 | |
| 10 | 45 | 45 | 38 | 28 | 23 | 19 | |
| 16 | 7 | 12 | 38 | 28 | 23 | 19 | |
| 20 | 0 | 0 | 18 | 28 | 23 | 19 | |
| 24 | 0 | 0 | 7 | 23 | 23 | 19 | |
| 35 | 0 | 0 | 0 | 2 | 7 | 19 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 10 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.31.31.09 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 12.1 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 5 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 10 | 30 | 49 | 79 | 59 | 48 | 40 | |
| 16 | 4 | 8 | 27 | 53 | 48 | 40 | |
| 20 | 0 | 0 | 12 | 28 | 47 | 40 | |
| 24 | 0 | 0 | 4 | 15 | 26 | 40 | |
| 35 | 0 | 0 | 0 | 2 | 4 | 22 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 6 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.38.22 | | | | | |
|---|--------------------------------------|-------------|-----|-----|----|----|--|
| Maximum permitted power dissipation [W]: | | 25.8 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 182 | 182 | 152 | 115 | 92 | 77 | |
| 5 | 182 | 182 | 152 | 115 | 92 | 77 | |
| 10 | 50 | 83 | 152 | 115 | 92 | 77 | |
| 16 | 7 | 13 | 45 | 89 | 92 | 77 | |
| 20 | 0 | 0 | 20 | 46 | 80 | 77 | |
| 24 | 0 | 0 | 7 | 25 | 45 | 77 | |
| 35 | 0 | 0 | 0 | 3 | 7 | 38 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 11 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.76.16 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 40.3 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 401 | 401 | 336 | 254 | 204 | 171 | |
| 5 | 330 | 401 | 336 | 254 | 204 | 171 | |
| 10 | 54 | 89 | 187 | 254 | 204 | 171 | |
| 16 | 8 | 13 | 49 | 96 | 165 | 171 | |
| 20 | 0 | 0 | 21 | 50 | 88 | 171 | |
| 24 | 0 | 0 | 8 | 27 | 49 | 120 | |
| 35 | 0 | 0 | 0 | 3 | 8 | 43 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 12 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.26.26.09 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 14.4 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 5 | 75 | 75 | 63 | 47 | 38 | 32 | |
| 10 | 42 | 67 | 63 | 47 | 38 | 32 | |
| 16 | 6 | 10 | 37 | 47 | 38 | 32 | |
| 20 | 0 | 0 | 16 | 38 | 38 | 32 | |
| 24 | 0 | 0 | 6 | 20 | 36 | 32 | |
| 35 | 0 | 0 | 0 | 2 | 6 | 29 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 8 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.31.31.16 | | | | | |
|---|--------------------------------------|-------------|----|----|----|----|--|
| Maximum permitted power dissipation [W]: | | 15.6 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 5 | 94 | 94 | 79 | 59 | 48 | 40 | |
| 10 | 37 | 61 | 79 | 59 | 48 | 40 | |
| 16 | 5 | 9 | 33 | 59 | 48 | 40 | |
| 20 | 0 | 0 | 15 | 34 | 48 | 40 | |
| 24 | 0 | 0 | 5 | 18 | 33 | 40 | |
| 35 | 0 | 0 | 0 | 2 | 5 | 27 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 8 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.38.48.09 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 22.4 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 5 | 239 | 239 | 201 | 152 | 122 | 102 | |
| 10 | 41 | 68 | 141 | 152 | 122 | 102 | |
| 16 | 6 | 10 | 37 | 73 | 122 | 102 | |
| 20 | 0 | 0 | 16 | 38 | 66 | 102 | |
| 24 | 0 | 0 | 6 | 21 | 37 | 88 | |
| 35 | 0 | 0 | 0 | 2 | 6 | 31 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 9 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 2 | |

| Enclosure type: | | SR.40.60.22 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 38.6 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 309 | 309 | 259 | 196 | 157 | 131 | |
| 5 | 309 | 309 | 259 | | | | |

| Enclosure type: | | SR.48.48.16 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 33.6 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 319 | 319 | 268 | 202 | 163 | 136 | |
| 5 | 319 | 319 | 268 | 202 | 163 | 136 | |
| 10 | 55 | 91 | 190 | 202 | 163 | 136 | |
| 16 | 8 | 14 | 50 | 98 | 163 | 136 | |
| 20 | 0 | 0 | 22 | 51 | 89 | 136 | |
| 24 | 0 | 0 | 8 | 28 | 50 | 119 | |
| 35 | 0 | 0 | 0 | 3 | 8 | 43 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 12 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.60.60.26 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 59.2 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 515 | 515 | 432 | 326 | 262 | 219 | |
| 5 | 473 | 515 | 432 | 326 | 262 | 219 | |
| 10 | 77 | 128 | 267 | 326 | 262 | 219 | |
| 16 | 11 | 19 | 70 | 138 | 236 | 219 | |
| 20 | 0 | 0 | 30 | 72 | 126 | 219 | |
| 24 | 0 | 0 | 11 | 39 | 70 | 172 | |
| 35 | 0 | 0 | 0 | 4 | 11 | 61 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 17 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 4 | |

| Enclosure type: | | SR.120.120.30 | | | | | |
|---|--------------------------------------|---------------|------|------|------|-----|--|
| Maximum permitted power dissipation [W]: | | 201.7 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 2184 | 2184 | 1831 | 1385 | 1113 | 930 | |
| 5 | 847 | 1403 | 1831 | 1385 | 1113 | 930 | |
| 10 | 137 | 231 | 484 | 823 | 1113 | 930 | |
| 16 | 19 | 34 | 127 | 251 | 435 | 859 | |
| 20 | 0 | 0 | 54 | 131 | 232 | 508 | |
| 24 | 0 | 0 | 19 | 70 | 129 | 324 | |
| 35 | 0 | 0 | 0 | 6 | 20 | 115 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 32 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 6 | |

| Enclosure type: | | SR.48.48.22 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 38.1 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 319 | 319 | 268 | 202 | 163 | 136 | |
| 5 | 319 | 319 | 268 | 202 | 163 | 136 | |
| 10 | 61 | 101 | 211 | 202 | 163 | 136 | |
| 16 | 9 | 15 | 55 | 109 | 163 | 136 | |
| 20 | 0 | 0 | 24 | 57 | 99 | 136 | |
| 24 | 0 | 0 | 9 | 31 | 55 | 133 | |
| 35 | 0 | 0 | 0 | 3 | 9 | 47 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 13 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.80.80.30 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 100.9 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 849 | 849 | 712 | 538 | 432 | 361 | |
| 5 | 618 | 849 | 712 | 538 | 432 | 361 | |
| 10 | 100 | 168 | 351 | 538 | 432 | 361 | |
| 16 | 14 | 25 | 92 | 182 | 312 | 361 | |
| 20 | 0 | 0 | 39 | 95 | 167 | 361 | |
| 24 | 0 | 0 | 14 | 51 | 93 | 230 | |
| 35 | 0 | 0 | 0 | 5 | 14 | 82 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 23 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 5 | |

| Enclosure type: | | SR.130.80.30 | | | | | |
|---|--------------------------------------|--------------|------|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 157.5 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 1415 | 1415 | 1186 | 897 | 721 | 603 | |
| 5 | 731 | 1209 | 1186 | 897 | 721 | 603 | |
| 10 | 118 | 199 | 418 | 709 | 721 | 603 | |
| 16 | 16 | 30 | 109 | 216 | 374 | 603 | |
| 20 | 0 | 0 | 47 | 113 | 200 | 436 | |
| 24 | 0 | 0 | 17 | 60 | 111 | 278 | |
| 35 | 0 | 0 | 0 | 5 | 17 | 99 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 27 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 6 | |

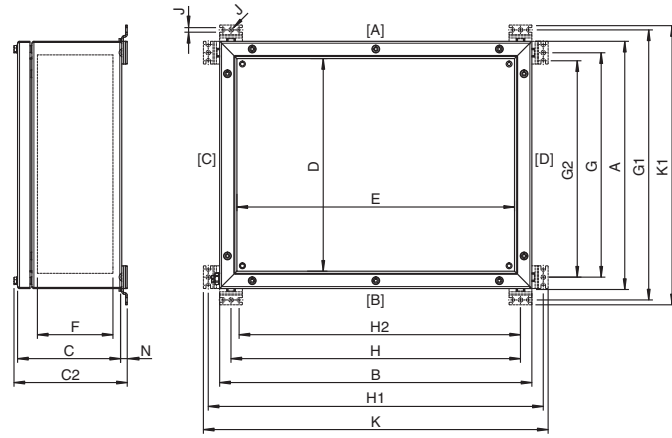
| Enclosure type: | | SR.48.76.16 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 49.8 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 535 | 535 | 448 | 339 | 272 | 228 | |
| 5 | 387 | 535 | 448 | 339 | 272 | 228 | |
| 10 | 63 | 105 | 219 | 339 | 272 | 228 | |
| 16 | 9 | 16 | 57 | 113 | 193 | 228 | |
| 20 | 0 | 0 | 25 | 59 | 104 | 221 | |
| 24 | 0 | 0 | 9 | 32 | 58 | 141 | |
| 35 | 0 | 0 | 0 | 3 | 9 | 50 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 14 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.90.60.30 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 90.6 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 721 | 721 | 604 | 457 | 367 | 307 | |
| 5 | 578 | 721 | 604 | 457 | 367 | 307 | |
| 10 | 94 | 157 | 328 | 457 | 367 | 307 | |
| 16 | 13 | 23 | 86 | 170 | 292 | 307 | |
| 20 | 0 | 0 | 37 | 89 | 156 | 307 | |
| 24 | 0 | 0 | 13 | 48 | 87 | 214 | |
| 35 | 0 | 0 | 0 | 4 | 13 | 76 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 21 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 4 | |

| Enclosure type: | | SR.48.76.22 | | | | | |
|---|--------------------------------------|-------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 55.1 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 535 | 535 | 448 | 339 | 272 | 228 | |
| 5 | 423 | 535 | 448 | 339 | 272 | 228 | |
| 10 | 69 | 114 | 239 | 339 | 272 | 228 | |
| 16 | 10 | 17 | 63 | 124 | 211 | 228 | |
| 20 | 0 | 0 | 27 | 65 | 113 | 228 | |
| 24 | 0 | 0 | 10 | 35 | 63 | 154 | |
| 35 | 0 | 0 | 0 | 3 | 10 | 55 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 15 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 3 | |

| Enclosure type: | | SR.100.80.30 | | | | | |
|---|--------------------------------------|--------------|-----|-----|-----|-----|--|
| Maximum permitted power dissipation [W]: | | 123.5 | | | | | |
| Permitted number of terminals based on terminal capacity and application current: | | | | | | | |
| Current [A] | Terminal capacity [mm ²] | | | | | | |
| | 1.5 | 2.5 | 4 | 6 | 10 | 16 | |
| 3 | 1132 | 1132 | 949 | 717 | 577 | 482 | |
| 5 | 675 | 1114 | 949 | 717 | 577 | 482 | |
| 10 | 110 | 184 | 385 | 652 | 577 | 482 | |
| 16 | 15 | 27 | 101 | 199 | 343 | 482 | |
| 20 | 0 | 0 | 43 | 104 | 183 | 398 | |
| 24 | 0 | 0 | 15 | 56 | 102 | 254 | |
| 35 | 0 | 0 | 0 | 5 | 16 | 90 | |
| 50 | 0 | 0 | 0 | 0 | 0 | 25 | |
| 63 | 0 | 0 | 0 | 0 | 0 | 5 | |

Variant-Specific Data - Dimensions and Enclosure Details



| Type | External dimensions [mm] | | | | | | Internal dimensions [mm] | | | Mounting [mm] | | | | | | | | | Mass approx. [kg] | Cover screws | | |
|------------------|--------------------------|------|-----|-----|------|------|--------------------------|------|-------|---------------|------|--------|------|------|--------|-----|-----|-------------|-------------------|--------------|------|-------------|
| | A | B | C | C2 | K | K1 | D | E | F | G | G1 | G2 | H | H1 | H2 | J | N | screws qty. | | Mx | qty. | torque [Nm] |
| SRS.10.11.09 | 102 | 116 | 86 | 91 | 145 | - | 72 | 86 | 72 | 41 | - | - | - | 130 | - | 6.1 | 1.5 | 4 (A) | 0.7 | M6 | 4 | 3 - 3.5 |
| SRS.11.14.09 | 116 | 142 | 86 | 91 | - | 145 | 86 | 112 | 72 | - | 130 | - | 107 | - | - | 6.1 | 1.5 | 4 (A) | 1 | M6 | 4 | 3 - 3.5 |
| SRS.11.18.09 | 116 | 182 | 86 | 91 | - | 145 | 86 | 152 | 72 | - | 130 | - | 147 | - | - | 6.1 | 1.5 | 4 (A) | 1.3 | M6 | 4 | 3 - 3.5 |
| SRS.11.22.09 | 116 | 222 | 86 | 91 | - | 145 | 86 | 192 | 72 | - | 130 | - | 187 | - | - | 6.1 | 1.5 | 4 (A) | 1.5 | M6 | 4 | 3 - 3.5 |
| SRS.15.15.09 | 156 | 156 | 94 | 99 | 185 | - | 126 | 126 | 80 | 95 | - | - | - | 170 | - | 6.1 | 1.5 | 4 (A) | 1.9 | M6 | 4 | 3 - 3.5 |
| SRS.15.19.09 | 156 | 196 | 94 | 99 | 225 | - | 126 | 166 | 80 | 95 | - | - | - | 210 | - | 6.1 | 1.5 | 4 (A) | 2.5 | M6 | 4 | 3 - 3.5 |
| SRS.19.19.10 | 196 | 196 | 104 | 109 | 225 | - | 166 | 166 | 90 | 135 | - | - | - | 210 | - | 6.1 | 1.5 | 4 (A) | 3 | M6 | 4 | 3 - 3.5 |
| SRM.19.38.16 | 190 | 380 | 160 | 174 | 430 | 230 | 136 | 326 | 124.5 | 155 | 225 | 142.5 | 345 | 415 | 332.5 | 7 | 8.5 | 4 (B) | 6.2 | M6 | 4 | 3 - 3.5 |
| SRM.23.30.16 | 230 | 300 | 160 | 174 | 350 | 280 | 176 | 246 | 124.5 | 195 | 265 | 182.5 | 265 | 335 | 252.5 | 7 | 8.5 | 4 (B) | 5.8 | M6 | 4 | 3 - 3.5 |
| SRM.26.26.09 | 260 | 260 | 87 | 101 | 310 | 310 | 206 | 206 | 51.5 | 225 | 295 | 212.5 | 225 | 295 | 212.5 | 7 | 8.5 | 4 (B) | 5.3 | M6 | 4 | 3 - 3.5 |
| SRM.26.26.16 | 260 | 260 | 160 | 174 | 310 | 310 | 206 | 206 | 124.5 | 225 | 295 | 212.5 | 225 | 295 | 212.5 | 7 | 8.5 | 4 (B) | 5.8 | M6 | 4 | 3 - 3.5 |
| SRM.26.26.22 | 260 | 260 | 220 | 234 | 310 | 310 | 206 | 206 | 184.5 | 225 | 295 | 212.5 | 225 | 295 | 212.5 | 7 | 8.5 | 4 (B) | 6.3 | M6 | 4 | 3 - 3.5 |
| SRM.31.31.09 | 310 | 310 | 87 | 101 | 360 | 360 | 256 | 256 | 51.5 | 275 | 345 | 262.5 | 275 | 345 | 262.5 | 7 | 8.5 | 4 (B) | 7.2 | M6 | 4 | 3 - 3.5 |
| SRM.31.31.16 | 310 | 310 | 160 | 174 | 360 | 360 | 256 | 256 | 124.5 | 275 | 345 | 262.5 | 275 | 345 | 262.5 | 7 | 8.5 | 4 (B) | 8 | M6 | 4 | 3 - 3.5 |
| SRM.31.31.22 | 310 | 310 | 220 | 234 | 360 | 360 | 256 | 256 | 184.5 | 275 | 345 | 262.5 | 275 | 345 | 262.5 | 7 | 8.5 | 4 (B) | 8.8 | M6 | 4 | 3 - 3.5 |
| SRM.38.38.16 | 380 | 380 | 160 | 174 | 430 | 430 | 326 | 326 | 124.5 | 345 | 415 | 332.5 | 345 | 415 | 332.5 | 7 | 8.5 | 4 (B) | 10 | M6 | 4 | 3 - 3.5 |
| SRM.38.38.22 | 380 | 380 | 220 | 234 | 430 | 430 | 326 | 326 | 184.5 | 345 | 415 | 332.5 | 345 | 415 | 332.5 | 7 | 8.5 | 4 (B) | 11 | M6 | 4 | 3 - 3.5 |
| SRM.38.48.09 | 380 | 480 | 87 | 101 | 430 | 530 | 326 | 426 | 51.5 | 345 | 415 | 332.5 | 445 | 515 | 432.5 | 7 | 8.5 | 4 (B) | 11 | M6 | 6 | 3 - 3.5 |
| SRM.38.48.16 | 380 | 480 | 160 | 174 | 530 | 530 | 326 | 426 | 124.5 | 345 | 415 | 332.5 | 445 | 515 | 432.5 | 7 | 8.5 | 4 (B) | 12 | M6 | 6 | 3 - 3.5 |
| SRM.38.48.22 | 380 | 480 | 220 | 234 | 530 | 530 | 326 | 426 | 184.5 | 345 | 415 | 332.5 | 445 | 515 | 432.5 | 7 | 8.5 | 4 (B) | 13 | M6 | 6 | 3 - 3.5 |
| SRL.38.76.16 | 380 | 760 | 160 | 174 | 815 | 430 | 326 | 706 | 124.5 | 345 | 415 | 332.5 | 725 | 795 | 712.5 | 7 | 8.5 | 4 (B) | 15 | M6 | 6 | 3 - 3.5 |
| SRL.40.60.22.B | 400 | 600 | 220 | 234 | 650 | 450 | 346 | 546 | 184.5 | 365 | 435 | 352.5 | 565 | 635 | 552.5 | 7 | 8.5 | 4 (B) | 15.5 | M6 | 6 | 3 - 3.5 |
| SRL.48.48.16 | 480 | 480 | 160 | 174 | 530 | 530 | 426 | 426 | 124.5 | 445 | 515 | 432.5 | 445 | 515 | 432.5 | 7 | 8.5 | 4 (B) | 14 | M6 | 8 | 3 - 3.5 |
| SRL.48.48.22 | 480 | 480 | 220 | 234 | 530 | 530 | 426 | 426 | 184.5 | 445 | 515 | 432.5 | 445 | 515 | 432.5 | 7 | 8.5 | 4 (B) | 16 | M6 | 8 | 3 - 3.5 |
| SRL.48.76.16 | 480 | 760 | 160 | 174 | 810 | 530 | 426 | 706 | 124.5 | 445 | 515 | 432.5 | 725 | 795 | 712.5 | 7 | 8.5 | 4 (B) | 20 | M6 | 8 | 3 - 3.5 |
| SRL.48.76.22 | 480 | 760 | 220 | 234 | 810 | 530 | 426 | 706 | 184.5 | 445 | 515 | 432.5 | 725 | 795 | 712.5 | 7 | 8.5 | 4 (B) | 22 | M6 | 8 | 3 - 3.5 |
| SRL.60.60.26.B | 600 | 600 | 260 | 274 | 650 | 650 | 546 | 546 | 224.5 | 565 | 670 | 552.5 | 565 | 635 | 552.5 | 7 | 8.5 | 4 (B) | 24 | M6 | 8 | 3 - 3.5 |
| SRX.80.80.30.B | 800 | 800 | 300 | 314 | 900 | 900 | 746 | 746 | 264.5 | 765 | 870 | 752.5 | 765 | 870 | 752.5 | 7 | 8.5 | 6 (B) | 34 | M6 | 8 | 3 - 3.5 |
| SRX.90.60.30 | 900 | 600 | 300 | 314 | 700 | 100 | 846 | 546 | 264.5 | 865 | 970 | 852.5 | 565 | 670 | 552.5 | 7 | 8.5 | 6 (B) | 33 | M6 | 10 | 3 - 3.5 |
| SRX.100.80.30.B | 1000 | 800 | 300 | 314 | 900 | 1100 | 946 | 746 | 264.5 | 965 | 1070 | 952.5 | 765 | 870 | 752.5 | 7 | 8.5 | 6 (B) | 49 | M6 | 10 | 3 - 3.5 |
| SRX.120.120.30.B | 1200 | 1200 | 300 | 314 | 1300 | 1300 | 1146 | 1146 | 264.5 | 1165 | 1270 | 1152.5 | 1165 | 1270 | 1152.5 | 7 | 8.5 | 6 (B) | 65 | M6 | 16 | 3 - 3.5 |
| SRX.130.80.30.B | 1300 | 800 | 300 | 314 | 900 | 1400 | 1246 | 746 | 264.5 | 1265 | 1370 | 1252.5 | 765 | 870 | 752.5 | 7 | 8.5 | 6 (B) | 57 | M6 | 12 | 3 - 3.5 |

Mass is valid for empty enclosure, it will increase according to enclosure accessories, integrated components and cable glands
 Values might differ slightly due to manufacturing tolerances
 screws qty.: Quantity of screws for direct mounting, (A) = fixed mounting brackets (B) = optional mounting brackets included

Variant-Specific Data - Terminal Configurations with Standard Terminals, Cable Entries max. Quantity per Size

| Type | DIN-Rails vertical | | | | DIN-Rails horizontal | | | | Terminal type | Terminal capacity [mm ²] | Cable entry area | | Faces A and B | | | | Faces C and D | | | |
|------------------|--------------------|------------------------------|--------------------|-----------------|----------------------|------------------------------|--------------------|-----------------|---------------|--------------------------------------|--------------------|--------------------|---------------|------|------|-----|---------------|------|------|-----|
| | Number of rails | Useable length per rail [mm] | Terminals per rail | Terminals total | Number of rails | Useable length per rail [mm] | Terminals per rail | Terminals total | | | Faces A and B [mm] | Faces C and D [mm] | M16 | M20 | M25 | M32 | M16 | M20 | M25 | M32 |
| | | | | | | | | | | | | | 1/4" | 1/2" | 3/4" | 1" | 1/4" | 1/2" | 3/4" | 1" |
| SRS.10.11.09 | 1 | 34 | 6 | 6 | - | - | - | - | WDU | 2.5 | 100 x 60 | 86 x 60 | 4 | 3 | 2 | 1 | 2 | 1 | 1 | - |
| SRS.11.14.09 | 1 | 75 | 14 | 14 | - | - | - | - | WDU | 2.5 | 126 x 60 | 100 x 60 | 4 | 3 | 2 | 1 | 5 | 4 | 2 | 1 |
| SRS.11.18.09 | 1 | 140 | 27 | 27 | - | - | - | - | WDU | 2.5 | 166 x 60 | 100 x 60 | 4 | 3 | 2 | 1 | 9 | 7 | 3 | 2 |
| SRS.11.22.09 | 1 | 140 | 27 | 27 | - | - | - | - | WDU | 2.5 | 206 x 60 | 100 x 60 | 4 | 3 | 2 | 1 | 12 | 9 | 5 | 3 |
| SRS.15.15.09 | 1 | 110 | 21 | 21 | 1 | 110 | 21 | 21 | WDU | 2.5 | 140 x 65 | 140 x 65 | 8 | 6 | 3 | 2 | 7 | 5 | 3 | 2 |
| SRS.15.19.09 | 1 | 110 | 21 | 21 | 1 | 150 | 29 | 29 | WDU | 2.5 | 180 x 65 | 140 x 65 | 10 | 8 | 5 | 3 | 7 | 5 | 3 | 2 |
| SRS.19.19.10 | 1 | 150 | 29 | 29 | 1 | 150 | 29 | 29 | WDU | 2.5 | 180 x 75 | 180 x 75 | 13 | 8 | 7 | 3 | 13 | 7 | 6 | 2 |
| SRM.19.38.16 | 3 | 110 | 21 | 63 | 1 | 300 | 58 | 58 | WDU | 2.5 | 320 x 128 | 130 x 128 | 14 | 11 | 7 | 3 | 42 | 34 | 23 | 11 |
| SRM.23.30.16 | 2 | 150 | 29 | 58 | 1 | 220 | 43 | 43 | WDU | 2.5 | 240 x 128 | 170 x 128 | 17 | 12 | 7 | 5 | 28 | 24 | 15 | 7 |
| SRM.26.26.09 | 2 | 180 | 35 | 70 | 2 | 180 | 35 | 70 | WDU | 2.5 | 210 x 55 | 210 x 55 | 7 | 6 | 5 | - | 7 | 5 | 5 | - |
| SRM.26.26.16 | 2 | 180 | 35 | 70 | 2 | 180 | 35 | 70 | WDU | 2.5 | 210 x 88 | 160 x 88 | 26 | 20 | 14 | 6 | 26 | 20 | 14 | 6 |
| SRM.26.26.22 | 2 | 180 | 35 | 70 | 2 | 180 | 35 | 70 | WDU | 2.5 | 210 x 148 | 160 x 148 | 45 | 31 | 21 | 8 | 45 | 31 | 21 | 7 |
| SRM.31.31.09 | 2 | 230 | 45 | 90 | 2 | 230 | 45 | 90 | WDU | 2.5 | 260 x 55 | 260 x 55 | 8 | 6 | 5 | - | 8 | 6 | 5 | - |
| SRM.31.31.16 | 2 | 230 | 45 | 90 | 2 | 230 | 45 | 90 | WDU | 2.5 | 300 x 128 | 250 x 128 | 34 | 26 | 17 | 7 | 34 | 26 | 17 | 7 |
| SRM.31.31.22 | 2 | 230 | 45 | 90 | 2 | 230 | 45 | 90 | WDU | 2.5 | 300 x 188 | 250 x 188 | 58 | 39 | 26 | 12 | 58 | 39 | 26 | 12 |
| SRM.38.38.16 | 3 | 300 | 58 | 174 | 3 | 300 | 58 | 174 | WDU | 2.5 | 370 x 128 | 320 x 128 | 42 | 34 | 23 | 11 | 42 | 34 | 23 | 11 |
| SRM.38.38.22 | 3 | 300 | 58 | 174 | 3 | 300 | 58 | 174 | WDU | 2.5 | 370 x 188 | 320 x 188 | 72 | 49 | 36 | 16 | 72 | 49 | 36 | 15 |
| SRM.38.48.09 | 4 | 300 | 58 | 232 | 3 | 400 | 78 | 234 | WDU | 2.5 | 330 x 55 | 430 x 55 | 9 | 7 | 6 | - | 10 | 7 | 6 | - |
| SRM.38.48.16 | 4 | 300 | 58 | 232 | 3 | 400 | 78 | 234 | WDU | 2.5 | 420 x 128 | 320 x 128 | 42 | 34 | 23 | 11 | 54 | 45 | 27 | 13 |
| SRM.38.48.22 | 4 | 300 | 58 | 232 | 3 | 400 | 78 | 234 | WDU | 2.5 | 420 x 188 | 320 x 188 | 72 | 49 | 36 | 16 | 101 | 72 | 48 | 21 |
| SRL.38.76.16 | 6 | 300 | 58 | 348 | 3 | 680 | 133 | 399 | WDU | 2.5 | 700 x 128 | 320 x 128 | 42 | 34 | 23 | 11 | 96 | 76 | 49 | 24 |
| SRL.40.60.22.B | 5 | 320 | 62 | 310 | 3 | 520 | 101 | 303 | WDU | 2.5 | 540 x 188 | 340 x 188 | 77 | 55 | 37 | 17 | 135 | 91 | 66 | 27 |
| SRL.48.48.16 | 4 | 400 | 78 | 312 | 4 | 400 | 78 | 312 | WDU | 2.5 | 470 x 128 | 420 x 128 | 54 | 45 | 27 | 13 | 54 | 45 | 27 | 13 |
| SRL.48.48.22 | 4 | 400 | 78 | 312 | 4 | 400 | 78 | 312 | WDU | 2.5 | 470 x 188 | 420 x 188 | 101 | 72 | 48 | 21 | 101 | 72 | 48 | 21 |
| SRL.48.76.16 | 6 | 400 | 78 | 468 | 4 | 680 | 133 | 532 | WDU | 2.5 | 700 x 128 | 420 x 128 | 54 | 45 | 27 | 13 | 96 | 76 | 49 | 25 |
| SRL.48.76.22 | 6 | 400 | 78 | 468 | 4 | 680 | 133 | 532 | WDU | 2.5 | 700 x 188 | 420 x 188 | 101 | 72 | 48 | 21 | 169 | 120 | 82 | 37 |
| SRL.60.60.26.B | 5 | 520 | 101 | 505 | 5 | 520 | 101 | 505 | WDU | 2.5 | 590 x 228 | 540 x 228 | 135 | 92 | 66 | 29 | 135 | 92 | 66 | 29 |
| SRX.80.80.30.B | 6 | 720 | 141 | 846 | 6 | 720 | 141 | 846 | WDU | 2.5 | 790 x 268 | 740 x 268 | 183 | 128 | 90 | 38 | 183 | 128 | 90 | 38 |
| SRX.90.60.30 | 5 | 820 | 160 | 800 | 7 | 520 | 101 | 707 | WDU | 2.5 | 590 x 268 | 840 x 268 | 209 | 143 | 100 | 44 | 135 | 92 | 66 | 29 |
| SRX.100.80.30.B | 6 | 920 | 160 | 960 | 8 | 720 | 141 | 1128 | WDU | 2.5 | 790 x 268 | 940 x 268 | 234 | 162 | 115 | 50 | 183 | 128 | 90 | 38 |
| SRX.120.120.30.B | 10 | 1120 | 219 | 2190 | 10 | 1120 | 219 | 2190 | WDU | 2.5 | 1190 x 268 | 1140 x 268 | 283 | 197 | 138 | 59 | 283 | 197 | 138 | 59 |
| SRX.130.80.30.B | 6 | 1120 | 239 | 1434 | 10 | 720 | 141 | 1410 | WDU | 2.5 | 790 x 268 | 1240 x 268 | 311 | 213 | 148 | 64 | 183 | 128 | 90 | 38 |

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