

Base module washer XI/ON, screw, 4 connection levels, con. to C rail

Part no. **XN-S4S-SBBC**  
 Catalog No. **140089**



### Delivery program

|                      |  |  |   |
|----------------------|--|--|---|
| Function             |  |  | XI/ON slice card base modules                         |
| Connection levels    |  |  | 4 connection levels                                   |
| Connection technique |  |  | Screw terminals                                       |
| Function             |  |  | for Slice module                                      |
| Short Description    |  |  | Connection to C rail                                  |
| For use with         |  |  | XN-2DI-24VDC-P<br>XN-2DI-24VDC-N<br>XN-2DI-120/230VAC |

### Technical data

#### General

|   |  |     |   |
|---|--|-----|---|
| Standards                                       |  |     | EN 61000-6-2<br>EN 61000-6-4<br>EN 61131-2  |
| Potential isolation                             |  |     | Yes, through optocoupler  |
| Ambient temperature                             |  | °C  | 0 - +55   |
| Relative humidity                               |  |     | 5 - 95 % (indoor), Level RH-2, no condensation (for storage at 45°C)  |
| Harmful gases                                   |  | ppm | SO <sub>2</sub> : 10 (rel. humidity < 75%, no condensation)<br>H <sub>2</sub> S: 1.0 (rel. humidity < 75 %,no condensation) |
| Vibration resistance, operating conditions      |  |     | according to IEC/EN 60068-2-6   |
| Mechanical shock resistance                     |  | g   | according to IEC 60068-2-27   |
| Continuous shock resistance (IEC/EN 60068-2-29) |  |     | According to IEC 60068-2-29   |
| Drop and topple                                 |  |     | According to IEC 60068-2-31, free fall according to IEC 60068-2-32  |
| Degree of Protection                            |  |     | IP20  |
| Electromagnetic compatibility (EMC)             |  |     |   |
| ESD   | Air/contact discharge                  | kV  | EN 61000-4-2  |
| Electromagnetic fields                          | (0.08...1) / (1,4...2) / (2...2,7) GHz | V/m | EN 61100-4-2  |
| Burst   |  |     | EN 61100-4-4  |
| Surge   |  |     | EN 61100-4-5  |
| Radiated RFI                                    |  | V   | EN 61100-4-6  |
| Emitted interference (radiated, high frequency) | (30...230 MHz) /                       | dB  | EN 55016-2-3  |

|  |                  |                                     |
|--|------------------|-------------------------------------|
|  | (230...1000 MHz) |                                     |
| Voltage fluctuations/voltage dips      |                  | EN 61131-2                          |
| Type test                              |                  | to EN 61131-2                       |
| Approvals                              |                  | CE, cUL (where required in process) |
| Other technical data (sheet catalogue) |                  | Technical Data                      |

### Terminations

|  |  |                 |  |
|--|--|-----------------|--|
| Rated data   |  |                 | according to VDE 0611 Part 1/8.92 / IEC/EN 60947-7-1 |
| Connection design in TOP direction   |  |                 | Spring-loaded/screw terminal                         |
| Stripping length   |  | mm              | 8  |
| Clamping range   |  |                 | max. 0.5 - 2.5 mm <sup>2</sup>                       |
| Connectable conductors   |  |                 |  |
| "e" solid H07V-U   |  | mm <sup>2</sup> | 0.5 - 2.5  |
| "f" flexible H 07V-K   |  | mm <sup>2</sup> | 0.5 - 1.5  |
| "f" with ferrules without plastic collar according to DIN 46228-1 (ferrules crimped gas-tight) |  | mm <sup>2</sup> | 0.5 - 1.5  |
| "f" with ferrules with plastic collar according to DIN 46228-1 (ferrules crimped gas-tight)    |  | mm <sup>2</sup> | 0.5 - 1.5  |
| Gauge pin IEC/EN 60947-1   |  |                 | A1   |

### Design verification as per IEC/EN 61439

|  |                   |    |      |
|--|-------------------|----|------|
| Technical data for design verification   |                   |    |      |
| Rated operational current for specified heat dissipation   | I <sub>n</sub>    | A  | 0    |
| Heat dissipation per pole, current-dependent   | P <sub>vid</sub>  | W  | 0    |
| Equipment heat dissipation, current-dependent  | P <sub>vid</sub>  | W  | 0    |
| Static heat dissipation, non-current-dependent   | P <sub>vs</sub>   | W  | 0    |
| Heat dissipation capacity  | P <sub>diss</sub> | W  | 0    |
| Operating ambient temperature min.   |                   | °C | 0    |
| Operating ambient temperature max.   |                   | °C | 55   |
| Degree of Protection   |                   |    | IP20 |
| IEC/EN 61439 design verification   |                   |    |      |
| 10.2 Strength of materials and parts   |                   |    |      |
| 10.2.2 Corrosion resistance  |                   |    |      |
| 10.2.3.1 Verification of thermal stability of enclosures   |                   |    |      |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |                   |    |      |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |                   |    |      |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |                   |    |      |
| 10.2.5 Lifting   |                   |    |      |
| 10.2.6 Mechanical impact   |                   |    |      |
| 10.2.7 Inscriptions  |                   |    |      |
| 10.3 Degree of protection of ASSEMBLIES  |                   |    |      |
| 10.4 Clearances and creepage distances   |                   |    |      |
| 10.5 Protection against electric shock   |                   |    |      |
| 10.6 Incorporation of switching devices and components   |                   |    |      |
| 10.7 Internal electrical circuits and connections  |                   |    |      |
| 10.8 Connections for external conductors   |                   |    |      |
| 10.9 Insulation properties   |                   |    |      |
| 10.9.2 Power-frequency electric strength   |                   |    |      |
| 10.9.3 Impulse withstand voltage   |                   |    |      |
| 10.9.4 Testing of enclosures made of insulating material   |                   |    |      |
| 10.10 Temperature rise   |                   |    |      |
| 10.11 Short-circuit rating   |                   |    |      |
| 10.12 Electromagnetic compatibility  |                   |    |      |
| 10.13 Mechanical function  |                   |    |      |

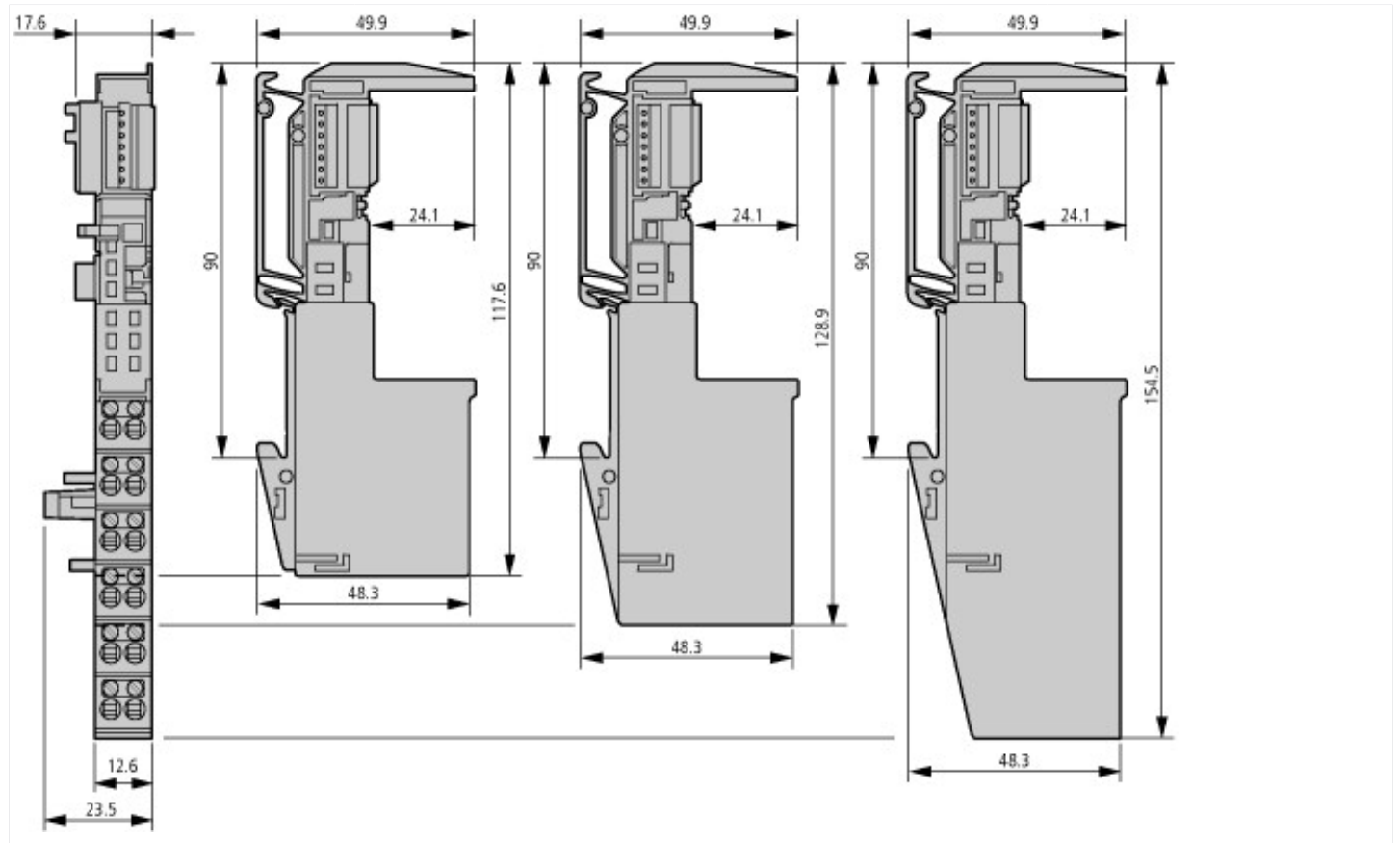
## Technical data ETIM 7.0

|   |    |  |       |
|---|----|--|-------|
| PLC's (EG000024) / Fieldbus, decentr. periphery - mounting frame (EC001598)   |    |  |       |
| Electric engineering, automation, process control engineering / Control / Field bus, decentralized peripheral / Field bus, decentralized peripheral - module carrier (ecl@ss10.0.1-27-24-26-03 [BAA064013]) |    |  |       |
| With integrated power supply  |    |  | Yes   |
| Input voltage at AC 50 Hz   | V  |  | 0 - 0 |
| Input voltage at AC 60 Hz   | V  |  | 0 - 0 |
| Input voltage at DC   | V  |  | 0 - 0 |
| Type of voltage (input voltage)   |    |  | DC    |
| Max. input current AC 50 Hz   | A  |  | 0     |
| Max. input current AC 60 Hz   | A  |  | 0     |
| Max. input current DC   | A  |  | 0     |
| Output voltage at AC 50 Hz  | V  |  | 0 - 0 |
| Output voltage at AC 60 Hz  | V  |  | 0 - 0 |
| Output voltage at DC  | V  |  | 0 - 0 |
| Type of output voltage  |    |  | DC    |
| Max. output current AC 50 Hz  | A  |  | 0     |
| Max. output current AC 60 Hz  | A  |  | 0     |
| Max. output current DC  | A  |  | 0     |
| System accessory  |    |  | Yes   |
| Number of slots   |    |  | 1     |
| With pluggable modules, digital I/O   |    |  | Yes   |
| With pluggable modules, analogue I/O  |    |  | No    |
| With pluggable modules, communication modules   |    |  | No    |
| With pluggable modules, function and technology modules   |    |  | No    |
| With pluggable modules, central modules   |    |  | Yes   |
| With pluggable modules, others  |    |  | No    |
| Rail mounting possible  |    |  | Yes   |
| Wall mounting/direct mounting   |    |  | No    |
| Front build in possible   |    |  | No    |
| Rack-assembly possible  |    |  | No    |
| Suitable for safety functions   |    |  | No    |
| Category according to EN 954-1  |    |  |       |
| SIL according to IEC 61508  |    |  | None  |
| Performance level acc. EN ISO 13849-1   |    |  | None  |
| Appendant operation agent (Ex ia)   |    |  | No    |
| Appendant operation agent (Ex ib)   |    |  | No    |
| Explosion safety category for gas   |    |  | None  |
| Explosion safety category for dust  |    |  | None  |
| Width   | mm |  | 12.6  |
| Height  | mm |  | 128.9 |
| Depth   | mm |  | 49.9  |

## Approvals

|                                      |  |  |  |
|--------------------------------------|--|--|--|
| Product Standards                    |  |  | UL 508; CSA-C22.2 No. 142; IEC/EN 6113-2; CE marking |
| UL File No.                          |  |  | E205091  |
| UL Category Control No.              |  |  | NRAQ, NRAQ7  |
| CSA File No.                         |  |  | UL report applies to both US and Canada              |
| CSA Class No.                        |  |  | 2252-01, 2252-81                                     |
| North America Certification          |  |  | UL recognized, certified by UL for use in Canada     |
| Specially designed for North America |  |  | No   |
| Current Limiting Circuit-Breaker     |  |  | No   |
| Degree of Protection                 |  |  | IEC: IP20, UL/CSA Type: -                            |

## Dimensions



## Assets (links)

[Declaration of CE Conformity](#)

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## Additional product information (links)

[Technical Data](#)

<http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=14.111>