

Fiche produit

Article n° R1.188.4000.0

**Dispositif pour la surveillance circuits sécurisés
SNO4003K-C 115-120 VAC**

Unité de base, commande à simple canal dans le circuit d'alimentation, réinitialisation automatique / manuelle avec surveillance du bouton de réinitialisation, 3 sorties de courant sécurisées, 1 sortie de signalisation, 115-120 V c.a. 50-60 Hz, bornes à ressort enfichables



| | |
|-------------------|---------------|
| Article n° | R1.188.4000.0 |
| EAN | 4049088206856 |
| Unité de commande | 1 Piece(s) |

certificats/approbations

Données techniques
général

| | |
|---|--|
| Fonction d'affichage | 2 LED, vert |
| Distances d'isolement entre les circuits | EN 60664-1 |
| Degré de protection relatif à la norme DIN EN 60529 (boîtier) | IP40 |
| Degré de protection relatif à la norme DIN EN 60530 (bornes) | IP20 |
| Température ambiante minimum | -25 °C |
| Température ambiante maximum | 55 °C |
| bornes à ressort | 2 x 0,25mm ² - 1,5mm ² |
| poids | 0,25 kg |
| Normes | EN ISO 13849-1EN 62061EN 62061 |
| Convient pour les fonctions de sécurité | Oui |
| Coupure possible | Aucun |
| Circuit de retour | Oui |
| Contact de départ | Oui |
| Catégorie d'arrêt en accord à l'IEC 60204 | 0 |
| possibilité de montage de rail | Oui |

données de connection

| | |
|-------------------------------|------------------------|
| pincés amovibles | Oui |
| Type de connection électrique | Raccordement à ressort |

Application

| | |
|--|------------------|
| Model | appareil de base |
| Convient pour la surveillance d'interrupteurs magnétiques | Aucun |
| Convient pour la surveillance des détecteurs de proximité | Oui |
| Convient pour la surveillance des circuits d'arrêt d'urgence | Oui |
| Convient pour la surveillance des équipements de protection optoélectronique | Aucun |

| | |
|---|-----|
| Convient pour la surveillance des interrupteurs de position | Oui |
|---|-----|

Circuit de sortie

| | |
|---|--|
| Activation des chemins | Contact normalement ouvert |
| Voie de signalisation | Ouvreur |
| matériau de contact | Alliage Ag, plaqué or |
| Tension de commutation nominale, sortie de sécurité AC | 230 V |
| Tension de commutation nominale, sortie de sécurité DC | 24 V |
| Tension de commutation nominale, circuit de signalisation AC | 230 V |
| Tension de commutation nominale, circuit de signalisation DC | 24 V |
| Courant thermique max. Ith, sortie de sécurité | 8 A |
| Courant thermique max. Ith, circuit de signalisation | 5 A |
| Courant total max. I2 de tous les circuits | 9 A ² |
| catégorie d'application AC-15 (NO) | Ue 230V, le 5A |
| catégorie d'application DC-13 (NO) | Ue 24V, le 5A |
| Protection court-circuit (NO), max. fusionner insérer | 6 A fusible classe gG, fusible intégré <100 A ² s |
| durée de vie mécanique | 107 cycles de permutation |
| Sorties, fonction de signalisation, non retardé, avec contact | 1 |
| sortie, sécurité, non-différé, avec contact | 3 |

Circuit de contrôle

| | |
|--|---|
| Tension nominale de sortie CC | 24 V |
| Courant d'entrée (circuit de sécurité / réinitialisation du circuit) | 90 mA |
| courant de crête (circuit de secours / circuit de RAZ) | 1500 mA |
| temps de réponse tA1 | 60 ms |
| temps de réponse tA2 | 180 ms |
| Durée min. d'enclenchement | 60 ms |
| Temps de réarmement tW | > 200 ms |
| tR Temps de déclenchement | < 80 ms |
| Résistivité maximum, par canal | # (7,5 + (1,176 x UB / UN - 1) x 150) # |
| Type de fonction d'interrupteur des entrées | Contact normalement ouvert |
| Entrées d'évaluation | 1-canal |

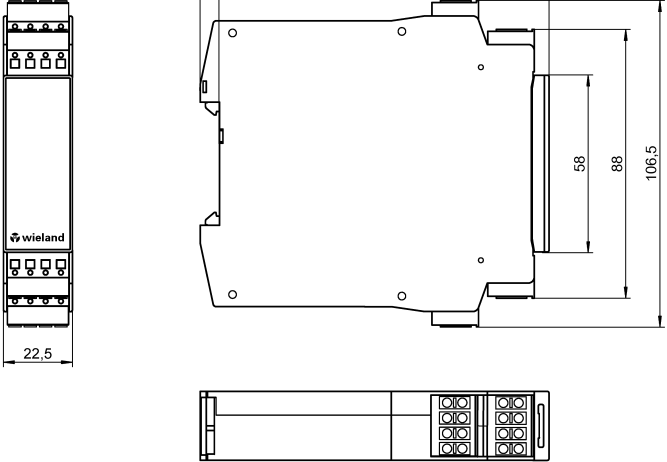

Circuit d'alimentation

| | |
|---|--------------|
| Tension nominale de l'ONU | AC 115-120 V |
| Consommation nominale AC | 2,3 VA |
| Fréquence nominale min. | 50 Hz |
| Fréquence nominale max. | 60 Hz |
| Plage de tension de fonctionnement min. | 97,8 V |
| Plage de tension de fonctionnement max. | 132 V |
| Circuit d'alimentation électrique d'isolement - circuit de commande | Oui |
| Min. tension nominale d'alimentation de commande AC 50Hz | 97,8 V |
| Max. tension nominale AC pour les contrôles, 50 Hz | 132 V |
| Tension d'alimentation nominale de contrôle AC 60HZ | 97,8 V |
| Tension d'alimentation nominale de contrôle AC 50HZ | 132 V |

Dimensions

| | |
|------------|----------|
| profondeur | 114 mm |
| largeur | 22,5 mm |
| hauteur | 106,5 mm |

Dessin technique

| <p>04 - PRE 12/92</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Teile Nr. / Part No.</th> <th>Teile Nr. / Part No.</th> </tr> <tr><td>R1.188.1940.0</td><td>R1.188.3610.0</td></tr> <tr><td>R1.188.1950.0</td><td>R1.188.3630.0</td></tr> <tr><td>R1.188.1960.0</td><td>R1.188.3650.0</td></tr> <tr><td>R1.188.1970.0</td><td>R1.188.3670.0</td></tr> <tr><td>R1.188.1980.0</td><td>R1.188.3730.0</td></tr> <tr><td>R1.188.1990.0</td><td>R1.188.3820.0</td></tr> <tr><td>R1.188.2000.0</td><td>R1.188.3850.0</td></tr> <tr><td>R1.188.2010.0</td><td>R1.188.3860.0</td></tr> <tr><td>R1.188.2020.0</td><td>R1.188.3900.0</td></tr> <tr><td>R1.188.2390.0</td><td>R1.188.3920.0</td></tr> <tr><td>R1.188.2410.0</td><td>R1.188.3940.0</td></tr> <tr><td>R1.188.2420.0</td><td>R1.188.4000.0</td></tr> <tr><td>R1.188.2430.0</td><td>R1.188.4010.0</td></tr> <tr><td>R1.188.2440.0</td><td>R1.188.4030.0</td></tr> <tr><td>R1.188.2450.0</td><td>R1.188.4130.0</td></tr> <tr><td>R1.188.3400.0</td><td>R1.188.4140.0</td></tr> <tr><td>R1.188.3410.0</td><td>R1.188.4150.0</td></tr> <tr><td>R1.188.3420.0</td><td>R1.188.4160.0</td></tr> <tr><td>R1.188.3430.0</td><td>R1.188.4210.0</td></tr> <tr><td>R1.188.3490.0</td><td>R1.188.5000.0</td></tr> <tr><td>R1.188.3600.0</td><td></td></tr> </table> | Teile Nr. / Part No. | Teile Nr. / Part No. | R1.188.1940.0 | R1.188.3610.0 | R1.188.1950.0 | R1.188.3630.0 | R1.188.1960.0 | R1.188.3650.0 | R1.188.1970.0 | R1.188.3670.0 | R1.188.1980.0 | R1.188.3730.0 | R1.188.1990.0 | R1.188.3820.0 | R1.188.2000.0 | R1.188.3850.0 | R1.188.2010.0 | R1.188.3860.0 | R1.188.2020.0 | R1.188.3900.0 | R1.188.2390.0 | R1.188.3920.0 | R1.188.2410.0 | R1.188.3940.0 | R1.188.2420.0 | R1.188.4000.0 | R1.188.2430.0 | R1.188.4010.0 | R1.188.2440.0 | R1.188.4030.0 | R1.188.2450.0 | R1.188.4130.0 | R1.188.3400.0 | R1.188.4140.0 | R1.188.3410.0 | R1.188.4150.0 | R1.188.3420.0 | R1.188.4160.0 | R1.188.3430.0 | R1.188.4210.0 | R1.188.3490.0 | R1.188.5000.0 | R1.188.3600.0 | |  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td></tr><tr><td>1</td></tr><tr><td>2</td></tr><tr><td>3</td></tr><tr><td>4</td></tr><tr><td>5</td></tr><tr><td>6</td></tr><tr><td>7</td></tr><tr><td>8</td></tr><tr><td>9</td></tr><tr><td>10</td></tr><tr><td>11</td></tr><tr><td>12</td></tr><tr><td>13</td></tr><tr><td>14</td></tr><tr><td>15</td></tr><tr><td>16</td></tr><tr><td>17</td></tr><tr><td>18</td></tr><tr><td>19</td></tr><tr><td>20</td></tr><tr><td>M1</td></tr><tr><td>M2</td></tr><tr><td>M3</td></tr><tr><td>L</td></tr><tr><td>C</td></tr><tr><td>1</td></tr><tr><td>1.1</td></tr><tr><td>2.1</td></tr><tr><td>1.1</td></tr> </table> | A | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | M1 | M2 | M3 | L | C | 1 | 1.1 | 2.1 | 1.1 |
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| Teile Nr. / Part No. | Teile Nr. / Part No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1940.0 | R1.188.3610.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1950.0 | R1.188.3630.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1960.0 | R1.188.3650.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1970.0 | R1.188.3670.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1980.0 | R1.188.3730.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.1990.0 | R1.188.3820.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2000.0 | R1.188.3850.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2010.0 | R1.188.3860.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2020.0 | R1.188.3900.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2390.0 | R1.188.3920.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2410.0 | R1.188.3940.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2420.0 | R1.188.4000.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2430.0 | R1.188.4010.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2440.0 | R1.188.4030.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.2450.0 | R1.188.4130.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3400.0 | R1.188.4140.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3410.0 | R1.188.4150.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3420.0 | R1.188.4160.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3430.0 | R1.188.4210.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3490.0 | R1.188.5000.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R1.188.3600.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com eshop.wieland-electric.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ja/yes <input type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freitoleranz nach General tolerance | | CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Verwendung First Use: | | Blatt: Sheet: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ① 09.08.19 | Werkstoff/Material | 2014 Tag/Date genehmigt/ approved 05.06. Koetznner | Zeichnung Nr./Drawing No. T R1.188.1940.0 01K | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ② 26.08.16 | Maßstab/Scale | Maße in mm/Dimensions are in mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ③ 22.04.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ④ 03.07.15 | Detail/File: 036141_F01K.DCD | Ersatz für/Replacement for: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑤ 30.06.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ⑥ 03.02.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Index |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Änderung/Revision | www.wieland-electric.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Type Benennung/Titel Maßbildzeichnung/Dimension drawing Standardgehäuse u. -steckel, Baubreite 22,5mm, Federkraftklammer steckbar Standard housing and cover, overall width 22,5mm plug-in spring-clamp terminal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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