## SIEMENS

## Data sheet

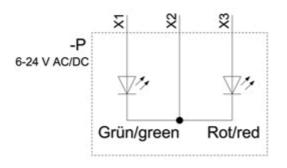
## 3SU1201-6AG24-1AA0-Z Y19



Indicator light with LED lamp, compact, 22 mm, round, plastic, clear with red-yellow-green LED, lens, smooth, with holder, operating voltage 6-24 V AC/DC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

| product brand name         SIRUS ACT           product designation         Indicator lights           design of the product         Compact unit           product lights         Compact unit           product lights         SU1           product lights         SU1           product light surce         Plastic, black, 22 mm           manufacturer's article number of the supplied holder         3SU1500-0AA10-0AA0           Enclosure         Stape of the enclosure front           Actuator         design of the actuating element           uddet extension optional light source         No           color         of the actuating element           plastic         shape of the actuating element           plastic         shape of the actuating element           ot the actuating element         plastic           outer diameter of the actuating element         29.5 mm           material of the actuating element         29.5 mm           material of the holder         Product component front ring           product component front ring         No           Holder         320 V           degree of pollution         3           surge voltage rated value         320 V           degree of pollution         3           <  |   |                                  |  |
|---|---|----------------------------------|--|
| design of the product       Compact unit         product type designation       3SU1         product line       Plastic, black, 22 mm         manufacturer's article number of the supplied holder       SSU1500-0AA10-0AA0         Enclosure       round         Actuator       design of the actuating element         product extension optional light source       No         color       of the actuating element         of the actuating element       plastic         shape of the actuating element       clear         plastic       round         outer diameter of the actuating element       round         outer diameter of the actuating element       29.5 mm         material of the holder       Plastic         general atom product component front ring       No         Holder       Product component front ring         product component flight source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage rated value       40 mA         consumed current maximum       40 mA         product component maximum       40 mA         product consistance       .2, 3, 3, 4, 4X, 12, 13         shock resistance       66, IP67, IP69(IP69K)   | product brand name  | SIRIUS ACT                       |  |
| product type designation       3SU1         product line       Plastic, black, 22 mm         manufacturer's article number of the supplied holder       SU1500-0AA10-0AA0         Enclosure       subtson-oAA10-0AA0         Shape of the enclosure front       round         Actuator       design of the actuating element         design of the actuating element       With "traffic light" LED         product extension optional light source       No         color       of the actuating element         material of the actuating element       plastic         shape of the actuating element       cound         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         material of the holder       Plastic         General tachnical data       20.0 V         degree of pollution       3         surge voltage resistance rated value       4.4V         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degr  | product designation   | Indicator lights                 |  |
| product line       Plastic, black, 22 mm         manufacturer's article number of the supplied holder       3SU1500-0AA10-0AA0         Enclosure       shape of the enclosure front         design of the actuating element       round         Actuator       With "traffic light" LED         design of the actuating element       Older         of the actuating element       clear         material of the actuating element       plastic         outer diameter of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         General technical data       product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       40 mA         insulation voltage rated value       40 mA         of the terminal       IP20, clamping screw tightened         degree of pollution       1, 2, 3, 3R, 4, 4X, 12, 13   | design of the product   | Compact unit                     |  |
| manufacturer's article number of the supplied holder     3SU1500-0AA10-0AA0       Enclosure     round       Actuator     round       Actuator     design of the actuating element     With "traffic light" LED       product extension optional light source     No       color     of the actuating element     clear       material of the actuating element     plastic       shape of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     Any inscription, text or symbol, can only be ordered via SIRUS ACT configurator/Configuration Identification Number (CIN)       Front ring     product component front ring       product component fight source     Yes       insulation voltage rated value     320 V       degree of pollution     3       surge voltage resistance rated value     4kV       consumed current maximum     40 mA       protection class IP     IP66, IP67, IP69(IP69K)       e of the terminal     IP20, clamping screw tightened       degree of protection NEMA rating     1, 2, 3, 3R, 4, 4X, 12, 13       shock resistance     sinusoidal half-wave 50g / 11 ms       e ac:. to IEC 60068-2-27     Sinusoidal half-wave 50g / 11 ms       e ac:. to IEC 60068-2-6     10 500 Hz: 5g   | product type designation  | 3SU1                             |  |
| Enclosure         shape of the enclosure front       round         Actuator       round         design of the actuating element       With "traffic light" LED         product extension optional light source       No         color       of the actuating element         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         Front ring       No         Product component front ring       No         Holder       Plastic         General technical data       product component light source         product component light source       Yes         insulation voltage resistance rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sa   | product line  | Plastic, black, 22 mm            |  |
| shape of the enclosure front         round           Actuator   | manufacturer's article number of the supplied holder              | <u>3SU1500-0AA10-0AA0</u>        |  |
| Actuator         design of the actuating element       With "traffic light" LED         product extension optional light source       No         color       of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         general technical data       Product component light source         product component light source       Yes         insulation voltage resistance rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • acc. to IEC 60068-2-27       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B  | Enclosure   |                                  |  |
| design of the actuating element         With "traffic light" LED           product extension optional light source         No           e of the actuating element         clear           material of the actuating element         plastic           shape of the actuating element         plastic           outer diameter of the actuating element         29.5 mm           marking of the actuating element         29.5 mm           marking of the actuating element         Any inscription, text or symbol, can only be ordered via SIRIUS ACT<br>configurator/Configura  | shape of the enclosure front                                      | round                            |  |
| product extension optional light source       No         color       of the actuating element         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT         product component front ring       No         Holder       Plastic         general technical data       Product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance           • acc. to IEC 60068-2-27       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance           • acc. to IEC 60068-2-6       10 500 Hz: 5g   | Actuator  |                                  |  |
| color       • of the actuating element       plastic         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         General technical data       product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 50g / 11 ms         • acc. to IEC 60068-2-27       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B   | design of the actuating element                                   | With "traffic light" LED         |  |
| • of the actuating element       clear         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         Front ring       No         Holder       Plastic         General technical data       product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kW         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       • acc. to IEC 60068-2-6  | product extension optional light source                           | No                               |  |
| material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         General technical data       Product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         iProtection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       Sinusoidal half-wave 50g / 11 ms         • acc. to IEC 60068-2-27       Sinusoidal half-wave 50g / 11 ms         • bror railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g  | color   |                                  |  |
| shape of the actuating element       round         outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         General technical data       Product component light source         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP20, clamping screw tightened         e of rotection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       Sinusoidal half-wave 50g / 11 ms         e for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       acc. to IEC 60068-2-26       10 500 Hz: 5g  | <ul> <li>of the actuating element</li> </ul>                      | clear                            |  |
| outer diameter of the actuating element       29.5 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Infigurator/Configurator/Infigurator/Configurator/Infigurato | material of the actuating element                                 | plastic                          |  |
| marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN)         Front ring       No         Product component front ring       No         Holder       Plastic         General technical data       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP60, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       acc. to IEC 60068-2-6         • acc. to IEC 60068-2-6       10 500 Hz: 5g   | shape of the actuating element                                    | round                            |  |
| configurator/Configuration Identification Number (CIN)         Front ring       No         product component front ring       No         Holder       Plastic         General technical data       Plastic         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       sinusoidal half-wave 50g / 11 ms         e for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       acc. to IEC 60068-2-6       10 500 Hz: 5g   | outer diameter of the actuating element                           | 29.5 mm                          |  |
| product component front ring       No         Holder       Plastic         material of the holder       Plastic         General technical data       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       acc. to IEC 60068-2-6         • acc. to IEC 60068-2-6       10 500 Hz: 5g   | marking of the actuating element                                  |                                  |  |
| Holder       Plastic         General technical data       Product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         surge voltage resistance rated value       4 kV         consumed current maximum       40 mA         protection class IP       IP66, IP67, IP69(IP69K)         • of the terminal       IP20, clamping screw tightened         degree of protection NEMA rating       1, 2, 3, 3R, 4, 4X, 12, 13         shock resistance       • acc. to IEC 60068-2-27         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       • acc. to IEC 60068-2-6         • acc. to IEC 60068-2-6       10 500 Hz: 5g  | Front ring  |                                  |  |
| material of the holderPlasticGeneral technical dataPlasticproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-6• acc. to IEC 60068-2-610 500 Hz: 5g   | product component front ring                                      | No                               |  |
| General technical dataproduct component light sourceYesinsulation voltage rated value320 Vdegree of pollution3surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-6• acc. to IEC 60068-2-610 500 Hz: 5g   | Holder  |                                  |  |
| product component light sourceYesinsulation voltage rated value320 Vdegree of pollution3surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-6• acc. to IEC 60068-2-610 500 Hz: 5g   | material of the holder  | Plastic                          |  |
| insulation voltage rated value320 Vdegree of pollution3surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-6• acc. to IEC 60068-2-610 500 Hz: 5g  | General technical data  |                                  |  |
| degree of pollution3surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g   | product component light source                                    | Yes                              |  |
| surge voltage resistance rated value4 kVconsumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g   | insulation voltage rated value                                    | 320 V                            |  |
| consumed current maximum40 mAprotection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistanceSinusoidal half-wave 50g / 11 ms• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance10 500 Hz: 5g   | degree of pollution   | 3                                |  |
| protection class IPIP66, IP67, IP69(IP69K)• of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27Sinusoidal half-wave 50g / 11 ms• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistanceI0 500 Hz: 5g  | surge voltage resistance rated value                              | 4 kV                             |  |
| • of the terminalIP20, clamping screw tighteneddegree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27Sinusoidal half-wave 50g / 11 ms• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-610 500 Hz: 5g   | consumed current maximum  | 40 mA                            |  |
| degree of protection NEMA rating1, 2, 3, 3R, 4, 4X, 12, 13shock resistance• acc. to IEC 60068-2-27Sinusoidal half-wave 50g / 11 ms• for railway applications acc. to DIN EN 61373Category 1, Class Bvibration resistance• acc. to IEC 60068-2-610 500 Hz: 5g  | protection class IP   | IP66, IP67, IP69(IP69K)          |  |
| shock resistance  | of the terminal   | IP20, clamping screw tightened   |  |
| • acc. to IEC 60068-2-27       Sinusoidal half-wave 50g / 11 ms         • for railway applications acc. to DIN EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g  | degree of protection NEMA rating                                  | 1, 2, 3, 3R, 4, 4X, 12, 13       |  |
| for railway applications acc. to DIN EN 61373 Category 1, Class B vibration resistance     acc. to IEC 60068-2-6 10 500 Hz: 5g  | shock resistance  |                                  |  |
| vibration resistance         10 500 Hz: 5g  | • acc. to IEC 60068-2-27  | Sinusoidal half-wave 50g / 11 ms |  |
| • acc. to IEC 60068-2-6 10 500 Hz: 5g   | <ul> <li>for railway applications acc. to DIN EN 61373</li> </ul> | Category 1, Class B              |  |
|   | vibration resistance  |                                  |  |
|   | • acc. to IEC 60068-2-6   | 10 500 Hz: 5g                    |  |
| • for railway applications acc. to DIN EN 61373 Category 1, Class B   | <ul> <li>for railway applications acc. to DIN EN 61373</li> </ul> | Category 1, Class B              |  |

| operating period typical  | 100 000 h   |
|---|---|
| reference code acc. to IEC 81346-2  | Р   |
| Supply voltage  |   |
| type of voltage of the supply voltage of the light source   | AC/DC   |
| supply voltage of the light source at AC  |   |
| at 60 Hz rated value  | 24 6 V  |
| supply voltage of the light source at DC  |   |
| rated value   | 24 6 V  |
| relative negative tolerance of the supply voltage   | 10 %  |
| relative positive tolerance of the supply voltage   | 20 %  |
| Control circuit/ Control  |   |
| inrush current maximum  | 2 A   |
| Connections/ Terminals  |   |
| type of electrical connection   | screw-type terminals  |
| type of connectable conductor cross-sections  |   |
| <ul> <li>solid with core end processing</li> </ul>  | 2x (0.5 0.75 mm²)   |
| <ul> <li>solid without core end processing</li> </ul>   | 2x (1.0 1.5 mm²)  |
| <ul> <li>finely stranded with core end processing</li> </ul>  | 2x (0.5 1.5 mm²)  |
| <ul> <li>finely stranded without core end processing</li> </ul>   | 2x (1,0 1,5 mm²)  |
| <ul> <li>at AWG cables</li> </ul>   | 2x (18 14)  |
| tightening torque of the screws in the bracket  | 1 1.2 N·m   |
| <ul> <li>tightening torque with screw-type terminals</li> </ul>   | 0.8 1 N·m   |
| Lamp  |   |
| type of light source  | LED   |
| color of the light source   | red/yellow/ green   |
| light intensity   | 900 1 400 mcd   |
| Ambient conditions  |   |
| <ul> <li>ambient temperature during operation</li> </ul>  | -25 +70 °C  |
| <ul> <li>ambient temperature during storage</li> </ul>  | -40 +80 °C  |
| environmental category during operation acc. to IEC 60721   | 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) |
| Installation/ mounting/ dimensions  |   |
| height  | 40 mm   |
| width   | 30 mm   |
| shape of the installation opening   | round   |
| mounting diameter   | 22.3 mm   |
| positive tolerance of installation diameter   | 0.4 mm  |
| mounting height   | 12.9 mm   |
| installation width  | 29.5 mm   |
| installation depth  | 49.6 mm   |
| Certificates/ approvals   |   |
| Further information   |   |
| Information- and Downloadcenter (Catalogs, Brochures<br>https://www.siemens.com/ic10<br>Industry Mall (Online ordering system)<br>https://mall.industry.siemens.com/mall/en/en/Catalog/produ<br>Cax online generator<br>http://support.automation.siemens.com/WW/CAXorder/defa<br>Service&Support (Manuals, Certificates, Characteristic<br>https://support.industry.siemens.com/cs/ww/en/ps/3SU120 | uct?mlfb=3SU1201-6AG24-1AA0-Z Y19<br>ault.aspx?lang=en&mlfb=3SU1201-6AG24-1AA0-Z Y19<br>s, FAQs,)                                     |
|   | ngs, 3D models, device circuit diagrams, EPLAN macros,)   |



| X1 | X2 | Х3 | Farbe/color |
|----|----|----|-------------|
| х  | х  |    | Grün/green  |
|    | х  | х  | Rot/red     |
| х  | х  | х  | Gelb/yellow |

last modified:

12/15/2020 🖸