## SIEMENS

## Data sheet

## 3SU1401-1BG20-1AA0



LED module with integrated LED 6-24V AC/DC red, screw terminal, for front plate mounting

inrush current maximum 2 A		
product type designation         3SU1           General technical data         Forduct component         Image: Component Compreserve Comparating Protecomponent Component Component Component		
Operal technical data           product component           • diode         Yes           • lamp transformer         No           • light source         Yes           • series resistor         No           Insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/DC           • for actuation         AC/DC           surge voltage resistance rated value         4 KV           consumed current maximum         00 mA           of the enclosure         IP40           • of the enclosure         IP40           • of the terminal         IP20           shock resistance         -           • according to IEC 60068-2-27         sinusoidal half-wave 15g / 11 ms           • for railway applications according to EN 61373         Category 1, Class B           • according to IEC 80068-2-6         10 500 Hz: 5g           • for railway applications according to EN 61373         Category 1, Class B           • according to IEC 80068-2-6         10 500 Hz: 5g           • according to IEC 81346-2         P           Substance Prohibitance (Date)         Bileinnonxoid (Bileixid) - 1317-36-8           • at AC         6 24 V		
product component     Ves       • Idode     Yes       • lamp transformer     No       • light source     Yes       • series resistor     No       Insulation voltage rated value     320 V       degree of pollution     3       type of voltage of the operating voltage     AC/DC       • for actuation     AC/DC       surge voltage resistance rated value     4 kV       consumed current maximum     30 mA       protection class IP     IP40       • of the enclosure     IP40       • of the enclosure     IP40       • of the enclosure     IP40       • of the terminal     IP20       shock resistance     sinusoidal half-wave 15g / 11 ms       • according to IEC 60068-2-87     sinusoidal half-wave 15g / 11 ms       • for ralway applications according to EN 61373     Category 1, Class B       operating period typical     100 500 Hz: 5g       operating period typical     100 000 h       reference code according to IEC 81346-2     P       Substance Prohibitance (Date)     10/10/10/14       SVHC substance name     Bleimonoxid (Bleioxid) - 1317-36-8       • at AC     - at 50 Hz rated value     6 24 V       • at AC     - at 50 Hz rated value     6 24 V       • at DC rated value     6 2		3501
• clicke     Yes       • lamp transformer     No       • light source     Yes       • light source     Yes       • series resistor     No       Insulation voltage rated value     320 V       degree of pollution     3       type of voltage of the operating voltage     AC/DC       • for actuation     AC/DC       • for actuation     AC/DC       • of the operating voltage     AC/DC       • of the enclosure     4kV       • of the terminal     90 mA       protection class IP     -       • of the terminal     IP20       shock resistance     -       • of the terminal     IP20       shock resistance     -       • of croliby applications according to EN 61373     Category 1, Class B       • or or inly applications according to EN 61373     Category 1, Class B       operating period typical     100 000 h       reference code according to EIC 81345-2     P       StyNet substance Prohibitance (Date)     1001/2014       StyNet substance name     Belimonoxid (Bleloxid) - 1317-36-8       - at 60 Hz rated value     6 24 V       - at 60 Hz rated value     6 24 V       - at 60 Hz rated value     6 24 V       - at 60 Hz rated value     6 24 V       -		
• lamp transformerNo• light sourceYes• series resistorNoInsulation voltage rated value320 Vdegre of pollution3type of voltage of the operating voltageAC/DC• for actuationAC/DCsurge voltage resistance rated value4 k/Vconsumed current maximum30 mAprotection class IPIP40• of the enclosureIP40• of the enclosureisinuscidal half-wave 15g / 11 ms• of the enclosureisinuscidal half-wave 15g / 11 ms• for railway applications according to EK 61373Category 1, Class Bvibration resistanceI• according to IEC 60088-2.610500 Hz: 5g• for railway applications according to EK 61373Category 1, Class Boperating period typical1000 threference code according to EK 61374Category 1, Class B• according to IEC 60088-2.6PSubstance Prohibitance (Cato)10/1/2014• according to IEC 61346-2PSubstance Prohibitance (Cato)10/01/2014• at C-• at DC rated value624 V• at DC rated value624 V<		
• light source     Yes       • series resistor     No       Insulation voltage rated value     320 V       degree of pollution     3       type of voltage of the operating voltage     AC/DC       • for actuation     AC/DC       surge voltage resistance rated value     4 kV       consumed current maximum     30 mA       protection class IP     -       • of the enclosure     IP40       • of the terminal     IP20       shock resistance     -       • according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       • according to IEC 60068-2-37     category 1, Class B       • for railway applications according to EN 61373     Category 1, Class B       • of ror railway applications according to EN 61373     Category 1, Class B       • operating period typical     100 000 h       reference code according to IEC 81346-2     P       Substance Prohibitance (Date)     10/01/2014       SVHC substance name     22./// 65-Tetrabrom-4,4-isoproproj/idendi - 79-94-7       operating voltage     624 V       • at OK    24 V       • at OK Prated value     624 V       • at OK	• diode	
Series resistor         No           insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/DC           • for actuation         AC/DC           surge voltage resistance rated value         4 KV           consumed current maximum         30 mA           protection class IP         IP40           • of the enclosure         IP40           • of the enclosure         IP40           • of the terminal         IP20           sthock resistance         sinusoidal half-wave 15g / 11 ms           • for railway applications according to EN 61373         Category 1, Class B           Vibration resistance         inusoidal half-wave 15g / 11 ms           • according to IEC 60068-2-6         10 500 Hz: 5g           • for railway applications according to EN 61373         Category 1, Class B           operating period typical         1000 h           reference: code according to IEC 81346-2         P           Substance name         Bleimonoxid (Bleioxid) - 1317-36-8           - at 50 Hz rated value         6 24 V           - at 50 Hz rated value         6 24 V           - at 60 Hz rated value         6 24 V           - at 60 Hz rated value <td>lamp transformer</td> <td></td>	lamp transformer	
Insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/DC           • for actuation         AC/DC           surge voltage resistance rated value         4 kV           consumed current maximum         30 mA           protection class IP	light source	Yes
degree of pollution     3       type of voltage of the operating voltage     AC/DC       • for actuation     AC/DC       surge voltage resistance rated value     4 kV       consumed current maximum     30 mA       protection class IP     IP40       • of the enclosure     IP40       • of the enclosure     IP40       • of the terminal     IP20       shock resistance     IP40       • according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       • for railway applications according to EN 61373     Category 1, Class B       vibration resistance     0500 Hz: 5g       • for railway applications according to EN 61373     Category 1, Class B       operating period typical     100 000 h       reference code according to IEC 81346-2     P       SUHC substance name     Bleimonoxid (Bleloxid) - 1317-36-8       • at AC	series resistor	
bp of voltage of the operating voltage     AC/DC       • for actuation     AC/DC       surge voltage resistance rated value     4 kV       consumed current maximum     30 mA       protection class IP     IP40       • of the enclosure     IP40       • of the terminal     IP20       shock resistance     IP40       • according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       • according to EC 60068-2-6     10 500 Hz: 5g       • according to IEC 60068-2-6     10 500 Hz: 5g       • for railway applications according to EN 61373     Category 1, Class B       operating period typical     100 000 h       reference code according to IEC 81346-2     P       Substance Prohibitance (Date)     10/01/2014       SVHC substance name     2,2/6,8-Tetrabrom-4,4-isopropylidendi - 79-94-7       operating voltage     6 24 V       • at OC	insulation voltage rated value	320 V
• for actuation         AC/DC           surge voltage resistance rated value         4 kV           consumed current maximum         30 mA           protection class IP         IP40           • of the enclosure         IP40           • of the enclosure         IP40           • of the terminal         IP20           shock resistance         inusoidal half-wave 15g / 11 ms           • according to IEC 60068-2-27         sinusoidal half-wave 15g / 11 ms           • for railway applications according to EN 61373         Category 1, Class B           vibration resistance            • according to IEC 60068-2-6         10 500 Hz: 5g           • for railway applications according to EN 61373         Category 1, Class B           operating period typical         100 000 h           reference code according to IEC 81346-2         P           Substance Prohibitance (Date)         10/01/2014           SVHC substance name         Bleimonoxid (Bleioxid) - 1317-36-8           • at AC         24 V           - at 60 Hz rated value         6 24 V           - at 00 Hz rated value         6 24 V           • at DC rated value         6 24 V           • at DC rated value         20 %           relative negative tolerance of th	degree of pollution	3
surge voltage resistance rated value         4 kV           consumed current maximum         30 mA           protection class IP	type of voltage of the operating voltage	AC/DC
consumed current maximum     30 mA       protection class IP     IP40       • of the enclosure     IP40       • of the terminal     IP20       shock resistance     IP20       • according to IEC 60068-2-27     sinusoidal half-wave 15g / 11 ms       • for railway applications according to EN 61373     Category 1, Class B       vibration resistance     10 500 Hz: 5g       • according to IEC 60068-2-6     10 500 Hz: 5g       • for railway applications according to EN 61373     Category 1, Class B       operating period typical     100 000 h       reference code according to IEC 81346-2     P       Substance Prohibitance (Date)     100/1/2014       SVHC substance name     Bleimonoxid (Bleioxid) - 1317-36-8       - at 50 Hz rated value     6 24 V       - at 50 Hz rated value     6 24 V       - at 60 Hz rated value     6 24 V       • at AC     - at 60 Hz rated value       - at 60 Hz rated value     6 24 V       • at DC rated value     7 20 %	<ul> <li>for actuation</li> </ul>	AC/DC
protection class IP       IP40         • of the enclosure       IP40         • of the terminal       IP20         shock resistance       IP20         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       -         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating period typical       100 500 Hz: 5g         operating period typical       100 000 h         reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8         2.Viethyl-1-(4- methylthiophenyl)-2-morpho - 71868-10-5       2.2 (.6 -Tetrabrom: 4.4'-isopropylidendi : 79-94-7         operating voltage       6 24 V       6 24 V         - at 60 Hz rated value       6 24 V       6 24 V         e at DC rated value       6 24 V       20 %         relative positive tolerance of the operating voltage       20 %       20 %         relative positive tolerance of the operating voltage       20 %       20 %         control Liculif Control<	surge voltage resistance rated value	4 kV
• of the enclosureIP40• of the terminalIP20shock resistanceIP20shock resistanceSinusoidal half-wave 15g / 11 ms• for railway applications according to EN 61373Category 1, Class Bvibration resistanceI0 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)100/1/2014SVHC substance nameBleimonoxid (Bleioxid) - 1317-36-8 2.24, 66-Tetrabrom-4.4/-isopropylideni - 79-94-7operating voltage6 24 V- at 50 Hz rated value6 24 V- at 60 Hz rated value6 24 V- at 60 Hz rated value20 %relative positive tolerance of the operating voltage20 %relative negative tolerance of the operating voltage20 %control Crutif Control20 %Control Crutif Control20 %	consumed current maximum	30 mA
• of the terminal       IP20         shock resistance       -         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       -         • according to IEC 60068-2-6       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating period typical       100 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating period typical       1000 0 h         reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bicxid) - 1317-36-8         • at AC       -         - at 50 Hz rated value       6 24 V         • at AC       6 24 V         - at 60 Hz rated value       6 24 V         • at DC rated value       6 24 V         • at DC rated value       6 24 V         relative positive tolerance of the operating voltage       20 %         relative positive tolerance of the operating voltage       20 %         control circuit/ Control       20 %         control circuit/ Control	protection class IP	
shock resistance         sinusoidal half-wave 15g / 11 ms           • according to IEC 60068-2-27         sinusoidal half-wave 15g / 11 ms           • for railway applications according to EN 61373         Category 1, Class B           vibration resistance         -           • according to IEC 60068-2-6         10 500 Hz: 5g           • for railway applications according to EN 61373         Category 1, Class B           operating period typical         100 000 h           reference code according to IEC 81346-2         P           Substance Prohibitance (Date)         10/01/2014           SVHC substance name         Bleimonoxid (Bleioxid) - 1317-36-8          2.7.6.6 <sup>-</sup> . Tetrabrom-4.4 <sup>-</sup> .isopropylidendi - 79-94-7           operating voltage         6 24 V           at 50 Hz rated value         6 24 V           - at 60 Hz rated value         6 24 V           e at DC rated value         6 24 V           e at DC rated value         20 %           relative negative tolerance of the operating voltage         20 %           control circuit/ Control         20 %	of the enclosure	IP40
• according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10 500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating period typical       100 000 h         reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       2./kethyl-1.4(-methylthiophenyl)-2.morpho - 71868-10-5 2.2/s.6/s-Tetrabrom-4.4'-isopropylidendi - 79-94-7         operating voltage       -         • at AC       6 24 V         • at DC rated value       6 24 V         • at DC rated value       6 24 V         • at DC rated value       20 %         relative positive tolerance of the operating voltage       20 %         control circuit/ Control       20 %	of the terminal	IP20
• for railway applications according to EN 61373       Category 1, Class B         vibration resistance       10500 Hz: 5g         • for railway applications according to EN 61373       Category 1, Class B         operating period typical       100 000 h         reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8 2.% dettyl-1(4-methylthiophenyl)-2-morpho - 71868-10-5 2.2's.6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operating voltage       6 24 V         • at AC       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       6 24 V         • at 00 Hz rated value       2 20 %         Control circuit/ Control       20 %         Control circuit/ Control       2 A	shock resistance	
vibration resistance	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-610 500 Hz: 5g• for railway applications according to EN 61373Category 1, Class Boperating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)10/01/2014SVHC substance name2./Methyl-1.(4-methylthiophenyl)-2-morpho - 71868-10-5 2.2's,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7operating voltage • at AC - at 50 Hz rated value6 24 V- at 60 Hz rated value6 24 V• at DC rated value6 24 V• at DC rated value6 24 V• at 0 Hz rated value20 %Control circuit/ Control20 %Inrush current maximum2 AConnections/ Terminals2	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
• for railway applications according to EN 61373       Category 1, Class B         operating period typical       100 000 h         reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2'6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operating voltage       -         • at AC       -         - at 50 Hz rated value       6 24 V         • at 60 Hz rated value       6 24 V         • at 60 Hz rated value       6 24 V         • at DC rated value       6 24 V         • at 0D crated value       6 24 V         • at 0D rated value       20 %         Control circuit/ Control       20 %         Control circuit/ Control       2 A	vibration resistance	
operating period typical100 000 hreference code according to IEC 81346-2PSubstance Prohibitance (Date)10/01/2014SVHC substance nameBleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2'6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7operating voltage • at AC - at 50 Hz rated value6 24 V• at DC rated value7 20 %Control circuit/ Control2 20 %Control circuit/ Control2 20 %Connections/ Terminals2 24 20 %	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
reference code according to IEC 81346-2       P         Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operating voltage       • at AC         at 50 Hz rated value       6 24 V         - at 60 Hz rated value       6 24 V         • at DC rated value       6 24 V         relative positive tolerance of the operating voltage       20 %         Control circuit/ Control       20 %         inrush current maximum       2 A	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
Substance Prohibitance (Date)       10/01/2014         SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operating voltage       2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operation voltage       6 24 V         - at 50 Hz rated value       6 24 V         - at 60 Hz rated value       6 24 V         e at DC rated value       6 24 V         relative positive tolerance of the operating voltage       20 %         Control circuit/ Control       20 %         inrush current maximum       2 A	operating period typical	100 000 h
SVHC substance name       Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7         operating voltage • at AC — at 50 Hz rated value       6 24 V         - at 60 Hz rated value       6 24 V         • at DC rated value       6 24 V         relative positive tolerance of the operating voltage       20 %         relative negative tolerance of the operating voltage       20 %         Control circuit/ Control       2 A         inrush current maximum       2 A	reference code according to IEC 81346-2	P
2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5         operating voltage         • at AC         - at 50 Hz rated value         - at 60 Hz rated value         • at DC rated value         • at DC rated value         6 24 V         relative positive tolerance of the operating voltage         20 %         Control circuit/ Control         inrush current maximum         2 A	Substance Prohibitance (Date)	10/01/2014
• at AC         - at 50 Hz rated value         6 24 V           - at 60 Hz rated value         6 24 V           • at DC rated value         6 24 V           • at DC rated value         6 24 V           relative positive tolerance of the operating voltage         20 %           Control circuit/ Control         20 %           inrush current maximum         2 A	SVHC substance name	2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5
- at 50 Hz rated value       6 24 V         - at 60 Hz rated value       6 24 V         • at DC rated value       6 24 V         relative positive tolerance of the operating voltage       20 %         relative negative tolerance of the operating voltage       20 %         Control circuit/ Control       2 A         inrush current maximum       2 A	operating voltage	
	• at AC	
	— at 50 Hz rated value	6 24 V
relative positive tolerance of the operating voltage       20 %         relative negative tolerance of the operating voltage       20 %         Control circuit/ Control       20 %         inrush current maximum       2 A         Connections/ Terminals       20 %	— at 60 Hz rated value	6 24 V
relative negative tolerance of the operating voltage       20 %         Control circuit/ Control       22 A         inrush current maximum       2 A         Connections/ Terminals       2 A	• at DC rated value	6 24 V
Control circuit/ Control inrush current maximum 2 A Connections/ Terminals	relative positive tolerance of the operating voltage	20 %
inrush current maximum 2 A Connections/ Terminals	relative negative tolerance of the operating voltage	20 %
Connections/ Terminals	Control circuit/ Control	
	inrush current maximum	2 A
	Connections/ Terminals	
		screw-type terminals

type of connectable conductor cross-sections       2x (0.50.75 mml)         i alid without core and processing       2x (0.50.75 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015 mml)         inny stranded without core and processing       2x (1015							
<ul> <li>e. eld without core end processing</li> <li>24 (1 0 1 6 mm<sup>2</sup>)</li> <li>24 (1 0 1 6 mm<sup>2</sup>)<td></td><td></td><td></td><td><math>O_{\rm M}</math> (O E O ZE mm<sup>2</sup>)</td><td></td><td></td></li></ul>				$O_{\rm M}$ (O E O ZE mm <sup>2</sup> )			
<ul> <li>nelay standad with core and processing</li> <li>2x (1.0 1.5 mm?)</li> <l< td=""><td colspan="2"></td><td></td><td></td><td></td><td></td></l<></ul>							
<ul> <li>             erkely standard without core and processing             vectors             erkely standard without core and processing             vectors             vectors             erkely standard without core             erkely standard without core             erkely standard with core</li></ul>							
<ul> <li>or AVVG cables</li> <li>Zx (18 14)</li> <li>Connectable conductor cross-section finely stranded with core</li> <li>0.5 1.5 mm<sup>-1</sup></li> <li>ghtening torque with screev-type terminals</li> <li>0.8 0.9 N m</li> <li>Using the screece</li> <li>ered</li> <li>ED</li> <li>elor of the light source</li> <li>ered</li> <li>internal stranded with core</li> <li>ered</li> <li>internal stranded with core</li> <li>ered</li> <li>internal stranded</li> <li>ered</li> <li>internal stranded with core</li> <li>internal stranded with core</li></ul>							
econectable conductor coses section finely stranded with core end processing tightening forque with screw-type terminals Lamp Pape of light source color of the light source light intensity entroper light source intersity entroper light source intersity entroper light source certificate of suitability entroper light control entroper light source entroper light source entr		vitiout core end processing	9				
Ingle and port of the light source in the light source is suitability in the light is source in the light is source is source in the light source is source in the light is source in	connectable conductor	cross-section finely strand	ed with core	· · ·			
Lamp  type of light source color of the light source color of the light source color of the light source it light itensity conflicates  ambient conditions  ambient temperature edual actegory during operation according to EC environmental response of the light source environment source environmental response of the light sour	· · ·	arow tupo torminalo		0.9 0.0 N m			
Type of light source     LED       color of the light source     red       Light intensity     4501120 mcd       certificate of suitability     ATEX       No     IECEX       Ambient temperature     -25+70 °C       - during storage     -25+70 °C       environmental stegory during operation according to IEC     Ref 28	·	screw-type terminals	_	0.0 0.9 N.III			
color of the light source     red       light intensity     4501120 mod       cortificate of suitability     A501120 mod       environmental temporature     No       - during storage     -40+80 °C       anviorental Product Declaration (CPD)     Yes       Coloral Warming Potential (CO2 eq) total     0.787 kg       Coloral Warming Potential (CO2 eq) total     0.787 kg       Coloral Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       effortal for mouting dimensions     Fastening method       - of modules and accessories     Front plate mounling       Approvals Confination     9.8 mm       depth     29.4 mm       Approvals Confination     Imate / Shipping       Coolirmation     Imate / Shipping       Approvals Confination     Imate / Shipping       Marine / Shipping     other       Environmental Confination     Imate / Shipping	•		_	LED			
Hight Intensity     450 1 120 mcd       certificate of suitability     • ATEX       • ATEX     No       • ATEX     No       • ATEX     No       • Ambient conditions		rce					
contificate of suitability     No          • ATEX       • (ECEX       No       ambient conditions       ambient actegory during operation according to IEC       advectors							
ATEX     BCCEX     No No No No No Ankent conditions  ambient temperature     during operation     during storage     during operation according to IEC     O		ty					
ICCEx Anbient temperature     aduing operation     cuting storage		- <b>J</b>		No			
amblent temperature     -25 +70 °C       - during operation     -25 +70 °C       - during operation     -26 +70 °C       - during operation according to IEC     3M6, 332, 382, 3C3, 3K6 (with relative air humidity of 10 95%, no       60721     condensation in operation permitted)       Environmental fodprint     Environmental fodprint       Environmental Product Declaration(EPD)     Yes       Global Warming Potential (CO2 eq) during anal/facturing     0.566 kg       Global Warming Potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during manufacturing     -0000 kg       height     9.8 mm     -0000 kg       edopti     29.4 mm     Approval       EMC       Declaration of Con-       fest field fiel	• IECEx						
amblent temperature     -25 +70 °C       - during storage     -40 +60 °C       environmental category during operation according to IEC     3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted)       Environmental fodprint     Environmental fodprint       Environmental Product Declaration(EPD)     Yes       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during annufacturing     0.566 kg       Global Warming Potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming potential (CO2 eq) during operation     0.235 kg       global warming botential (CO2 eq) during operation     0.235 kg       global warming botential (CO2 eq) during operation     0.235 kg       global warming botential (CO2 eq) during operation     0.235 kg       global warming botential (CO2 eq) during operation     0.235 kg       fastening method     • of modules and accessories     Front plate mounting       width     0.8 mm     0.8 mm    <	Ambient conditions						
- during operation       -25 + 70 °C         - during storage       -40 + 80 °C         environmental category during operation according to IEC       336, 332, 323, 333, 360 (with relative air humidity of 10 95%, no condensation in operation permitted)         Environmental footprint       Environmental Fooduct Declaration(EPD)       Yes         Global Warming Potential [CO2 eq] during operation       0.566 kg       Global Warming Potential [CO2 eq] during operation       0.566 kg         Global Warming Potential [CO2 eq] during operation       0.566 kg       Global Warming Potential [CO2 eq] during operation       0.566 kg         Global Warming Potential [CO2 eq] during operation       0.566 kg       Global Warming Potential [CO2 eq] during operation       0.566 kg         Global Warming Potential [CO2 eq] during operation       0.566 kg       Global Warming Potential [CO2 eq] during operation       0.566 kg         Global Warming Potential [CO2 eq] during operation       0.566 kg       Global Warming Potential [CO2 eq] during operation       0.566 kg         Installation mounting/ dimensions       Front plate mounting       Front plate mounting       Front plate mounting         Installaton/ mounting/ dimensions       Front plate mounting       EMC       Declaration of CC formity         Margine / Shipping       Confirmation       Installator for CC formity       Installator for CC formity         Envi							
• during storage     -40 +80 °C       environmental category during operation according to IEC     3M6, 3S2, 382, 303, 3K6 (with relative air humidity of 10 95%, no       Environmental Product Declaration (EPD)     Yes       Global Warming Potential [CO2 eq] during manufacturing     0.566 kg       Global Warming Potential [CO2 eq] during operation     0.235 kg       global Warming Potential [CO2 eq] during operation     0.235 kg       global Warming Potential [CO2 eq] during operation     0.235 kg       global Warming Potential [CO2 eq] during operation     0.235 kg       global Warming Potential [CO2 eq] during operation     0.235 kg       global Warming Potential [CO2 eq] during operation     0.235 kg       installation/ mounting/ dimensions     Front plate mounting       fastering method     9.8 mm       • of modules and accessories     Front plate mounting       height     33.2 mm       width     9.8 mm       depth     29.4 mm       Approvals Cortificates     EMC       Declaration of Con- formity     Test Certificates       Marine / Shipping     Special Test Certific ates/Test Report       Just     Marine / Shipping       Marine / Shipping     other       Marine / Shipping     other       Marine / Shipping     other       Marine / Shipping     Environmental Con- fimationa </td <td>•</td> <td></td> <td></td> <td>-25 +70 °C</td> <td></td> <td></td>	•			-25 +70 °C			
environmental category during operation according to IEC 0346, 352, 382, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted) Environmental Product Declaration(EPD) Yes Cicbal Warming Potential [CO2 eq] during manufacturing Ofbeal Warming Potential [CO2 eq] during operation O.235 kg global warming potential [CO2 eq] during op	•						
Condensation in operation permitted)       Environmental Foduct Declaration(EPD)       Yes       Global Warming Potential [CO2 eq] during manufacturing       O.666 kg       Global Warming Potential [CO2 eq] during manufacturing       O.666 kg       Global Warming Potential [CO2 eq] during operation       Q.258 kg       global Warming Potential [CO2 eq] during operation       Q.266 kg       Global Warming Potential [CO2 eq] during operation       Q.268 kg       Global Warming Potential [CO2 eq] during operation       Q.268 kg       Installation mounting dimensions       Fort plate mounting       Installation mounting dimensions       Fort plate mounting       Peight       9.4 mm       Agencolspan="2">A mm       Agencolspan="2">Admin       General Product Approval       EMC       Declaration of Confirmation       Special Test Certificates       Marine / Shipping       List Special Test Certificates       Declaration of Confirmation       Special Test Certificates		y during operation accordir	ig to IEC				
Environmental Product Declaration(EPD)       Yes         Global Warming Potential [CO2 eq] during manufacturing       0.787 kg         Global Warming Potential [CO2 eq] during geration       0.285 kg         global warming Potential [CO2 eq] during geration       0.285 kg         global warming Potential [CO2 eq] during geration       0.235 kg         global warming potential [CO2 eq] during geration       0.235 kg         global warming potential [CO2 eq] during manufacturing       0.666 kg         Installation' mounting/ dimensions       Front plate mounting         fastening method       - of modules and accessories       Front plate mounting         height       33.2 mm       Amm         depth       29.4 mm       Approval       EMC         General Product Approval       EMC       Declaration of Corformity       EMC         Declaration of Confirmation       Imatulation at accessories at a first certificates       Marine / Shipping       Excessories at a first certificates         Marine / Shipping       other       Environment       Imatulations       Imatulations			0				
Global Warning Potential [CO2 eq] during manufacturing     0.787 kg       Global Warning Potential [CO2 eq] during manufacturing     0.566 kg       Global Warning Potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.015 kg       Installation/ mounting/ dimensions     -0.015 kg       Fastening method     -0.015 kg       • of modules and accessories     Front plate mounting       height     33.2 mm       width     9.8 mm       depth     29.4 mm       Approvals Confirmation     EMC       Declaration of Confirmation     EMC       formity     Test Certificates       Marine / Shipping     other       Marine / Shipping     other       Confirmation     Environmental Confirmation	Environmental footprin	it					
Global Warning Potential [CO2 eq] during manufacturing     0.566 kg       Global Warning Potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.235 kg       global warning potential [CO2 eq] during operation     0.235 kg       Installation mounting dimensions     -0.015 kg       Fastening method     • of modules and accessories       Fort plate mounting     88 mm       depth     29.4 mm       Approvals Certificates     General Product Approval       General Product Approval     EMC       Declaration of Conformity     Test Certificates       Marine / Shipping     Test Certificates       Marine / Shipping     other       Marine / Shipping     other       Confirmation     Environmental Confirmation       Sconfirmation     Environmental Confirmation	Environmental Product	Declaration(EPD)		Yes			
Global Warming Potential [CO2 eq] during operation     0.235 kg       global warming potential [CO2 eq] after end of life     -0.015 kg       Installation' mounting/ dimensions     -0.015 kg       fastening method     -0.015 kg       • of modules and accessories     Front plate mounting       height     33.2 mm       width     9.8 mm       depth     29.4 mm       Approvals Cortificates     EMC       General Product Approval     EMC       Declaration of Con- formity     Test Certificates       Marine / Shipping     Special Test Certificates       Marine / Shipping     other       Marine / Shipping     other       Environmental Con- firmation     Environmental Con- firmations	Global Warming Poten	tial [CO2 eq] total		0.787 kg			
global warming potential [CO2 eq] after end of life     -0.015 kg       Installation/ mounting/dimensions     Front plate mounting       fastening method     33.2 mm       • of modules and accessories     Front plate mounting       height     33.2 mm       width     9.8 mm       depth     29.4 mm       Approvals Certificates     EMC       General Product Approval     EMC       Confirmation <ul> <li>UL</li> <li>UL</li> <li>Marine / Shipping</li> <li>Special Test Certificates</li> <li>Marine / Shipping</li> <li>other</li> <li>Environmental Con- firmations</li> <li>Environmental Con- firmations</li> <li>Confirmation</li> <li>Environmental Con- firmations</li> <li>Confirmation</li> <li>Environmental Con- firmations</li> <li>Confirmation</li> <li>Environmental Con- firmations</li> <li>Confirmation</li> <li>Environmental Con- firmations</li> <li>Environmental Con- firmations</li> <li>Confirmation</li> <li>Environmental Con- firmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li></ul>	Global Warming Poten	tial [CO2 eq] during manuf	acturing	0.566 kg			
Installation/ mounting/ dimensions          fastening method <ul> <li>of modules and accessories</li> <li>Front plate mounting</li> <li>a3.2 mm</li> <li>a3.2 mm</li> <li>a3.2 mm</li> <li>a3.2 mm</li> <li>a3.2 mm</li> <li>a3.2 mm</li> <li>as 2 mm</li></ul>				0.235 kg			
fastening method     • of modules and accessories     Front plate mounting       height     33.2 mm       width     9.8 mm       depth     29.4 mm         Approvals Certificates       General Product Approval     EMC     Declaration of Cc formity       Declaration of Confirmation     Confirmation     EMC     Declaration of Cc formity       Declaration of Confirmation     Type Test Certificates     Marine / Shipping       UKA     Special Test Certificates     Marine / Shipping       Marine / Shipping     other     Environmental Confirmation       Warine / Shipping     Other     Environmental Confirmation	• •			-0.015 kg			
of modules and accessories       Front plate mounting         height       33.2 mm         width       9.8 mm         depth       29.4 mm         Approvals Certificates         EMC       Declaration of Conformation         Confirmation       Confirmation       Marine / Shipping       Effect       Declaration of Conformity         Declaration of Conformity       Test Certificates       Marine / Shipping       Effect       Declaration of Conformity         Warding       Special Test Certificates       Incommental Certificates       Marine / Shipping       Effect       Effect       Effect         Marine / Shipping       other       Environmental Conformation       Environmental Conformation       Environmental Conformation       Environmental Conformation		dimensions					
height       33.2 mm         width       9.8 mm         depth       29.4 mm         Approvals Certificates       EMC       Declaration of CC         General Product Approval       EMC       Declaration of CC         General Product Approval       EMC       Declaration of CC         Declaration of Con- formity       Test Certificates       Marine / Shipping         UKA       Special Test Certific- ate       Type Test Certific- ates/Test Report       Image: Confirmation         Marine / Shipping       other       Environmental Con- firmations       Environmental Con- firmations	-						
width     9.8 mm       depth     29.4 mm       Approvals Certificates     EMC     Declaration of CCr formity       General Product Approval     EMC     Declaration of CCr formity       Declaration of Con- forming     Test Certificates     Marine / Shipping       UKA     Special Test Certific- ate     Type Test Certific- ates/Test Report     Marine / Shipping       Marine / Shipping     other     Environmental Con- firmations       Warine / Shipping     Confirmation     Environmental Con- firmations		accessories					
depth       29.4 mm         Approvals Certificates       EMC       Declaration of Cc formity         General Product Approval       EMC       Declaration of Cc formity         Image: Confirmation       Image: Confirmation       Image: Confirmation       Image: Confirmation         Declaration of Con- formity       Test Certificates       Marine / Shipping       Image: Certific- ates/Test Report       Image: Certific- ates/Test							
Approvals Certificates         EMC       Declaration of Conformation         Confirmation       Confirmation       EMC       Declaration of Conformation       Effect       Effect<							
General Product Approval       EMC       Declaration of Conformity         Image: Confirmation       Image:	•		_	29.4 mm			
Centeral Product Approval       Confirmation         Confirmation	Approvais Certificates					Declaration of Con	
Image: Second	General Product App	oroval			EMC		
formity       Special Test Certific- ate       Type Test Certific- ates/Test Report       Image: Configure 1 stipping         Marine / Shipping       other       Environmental Con- firmations       Environmental Con- firmations	(State)	<u>Confirmation</u>	(UL) JI	EHC	RCM	CE EG-Konf.	
Marine / Shipping     other     Environment       Image: Confirmation firmation firmations     Environmental Con-firmation firmations		Test Certificates		Marine / Shipping			
Confirmation Environmental Con- firmations	UK CA				Hoyd's Register uis	PRS	
firmations	Marine / Shipping	other	Environment				
	RINA	<u>Confirmation</u>		<u>on-</u>			
Further information			of (one have)				
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business				n-russian-business			

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10 Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BG20-1AA0

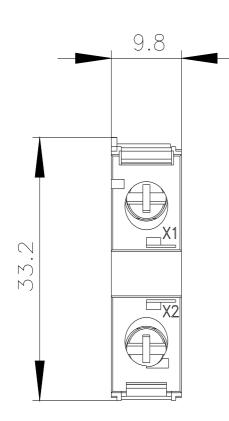
Cax online generator

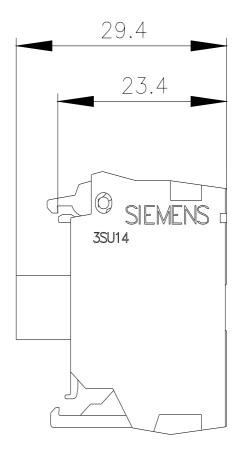
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG20-1AA0

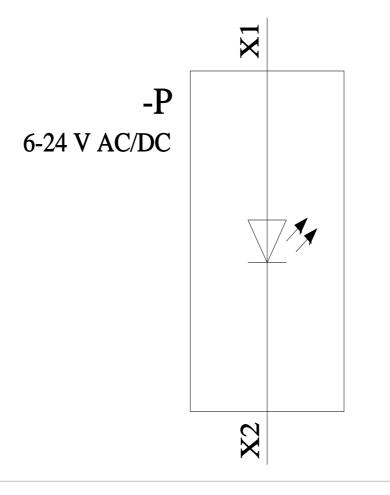
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BG20-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1401-1BG20-1AA0&lang=en







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