## SIEMENS

## Data sheet

## 3SU1158-1HB20-1PT0



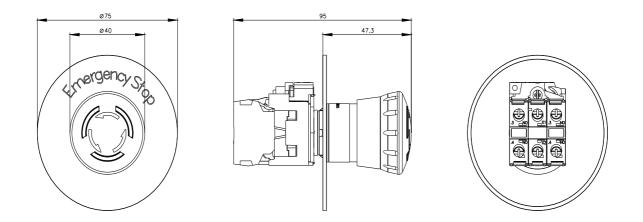
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, metal, shiny, red, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch, with yellow washer, inscription: EMERGENCY STOP, with holder, 1 NC, 1 NC, LED module with integrated LED, 24-240 V AC/DC, red, screw terminal

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product brand name	SIRIUS ACT		
product designation	EMERGENCY STOP mushroom pushbuttons		
design of the product	Complete unit		
product type designation	3SU1		
product line	Metal, shiny, 22 mm		
manufacturer's article number			
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>		
<ul> <li>of supplied contact module at position 2</li> </ul>	<u>3SU1400-1AA10-1CA0</u>		
of supplied LED module	<u>3SU1401-1BH20-1AA0</u>		
of the supplied holder	<u>3SU1550-0AA10-0AA0</u>		
of the supplied actuator	<u>3SU1051-1HB20-0AA0</u>		
<ul> <li>of supplied accessory</li> </ul>	 3SU1900-0BB31-0DA0		
Enclosure			
number of command points	1		
Actuator			
design of the actuating element	positive latching		
principle of operation of the actuating element	latching		
product extension optional light source	Yes		
color of the actuating element	red		
material of the actuating element	plastic		
shape of the actuating element	round		
outer diameter of the actuating element	40 mm		
number of contact modules	2		
type of unlocking device	rotate-to-unlatch mechanism		
Front ring			
product component front ring	No		
Holder			
material of the holder	Plastic		
Display			
number of LED modules	1		
General technical data			
product function			
<ul> <li>positive opening</li> </ul>	Yes		
EMERGENCY OFF function	Yes		
EMERGENCY STOP function	Yes		
product component light source	Yes		
insulation voltage rated value	500 V		
degree of pollution	3		
type of voltage of the operating voltage	AC/DC		

surge voltage resistance rated volue         6 /V           of the terminal         IPED, (Enp/R) (FD0K)           of the terminal         IPED, (Enp/R) (FD0K)           degree of procession NEMA rating         1, 2, 3, R, 4, 4, X, 1, 3           theor resistance         Interminal           - occording to EC 4008-2.27         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61373         Category 1, Class B           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61374         So 000           - or railway applications according to EN 61364         So 000		
• (Internal         IP20, campo grow opinions           degree of procession NRMA reling         1, 2, 3, 3R, 4, 4X, 12, 13           • ecording to IE 06062-27         subsidial finitewen 15g 111 ms           • ecording to IE 06062-27         catagory 1, Class B           • ecording to IE 06062-27         Catagory 1, Class B           • ecording to IE 06062-26         10500 Hz: 5g           • ecording to IE 06062-26         20.0000           • ecording to IE 06062-26         300.000           • ecording to IE 06062-26         300.000           • ecording to IE 06062-26         300.000           • ecording to IE 060612-26         300.000           • ecording to IE 06062-26         300.000           • ecording to IE 060612-26         300.000           • ecording to IE 0607142         S           • ecording to IE 0607142         S           • ecording to IE 0142-20         S           • ecording to IE 1442-20         S           • ecording to IE 014220         S           • ecording to IE 014220         S           • ecori	surge voltage resistance rated value	6 kV
degree of protection NEMA rating         1, 2, 3, 3R, 4, 4X, 12, 13           shock resistance         sinusoidal half-wave 15g/11 ms           • eccording to IEC 6068-2.27         sinusoidal half-wave 15g/11 ms           • or ralway applications according to EN 0173         Colegory 1, Case B           • or cardway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or ralway applications according to EN 0173         Colegory 1, Case B           • or radway applications according to EN 0173         So 0000           • electricat endurance (poending cycles) typical         100, A           • or radway applications according to EN 0172         So 0000           • or radway applications according to EN 0172         So 000 V           • eleft or radie value         5 600 V           • el of Variade value         5 600 V           • el of O trade value         200 24 V           • elot oligit or the light source at OC	protection class IP	IP66, IP67, IP69(IP69K)
shock resistance         sinuscidal half wave 15g / 11 ms           • e radiva policitation according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EN 61373         Category 1. Class B           • or naiway applications according to EC 61364-2         S           • continuous current of the QL2ED two link gG         10 A           • continuous current of the QL2ED two link gG         10 A           • substance Prohibitance (Dats)         1001/2014           • or at 50 Hz rated value         5 600 V           • at 60 Hz rated value         5 600 V           • at 60 Hz rated value         5 600 V           • at 60 Hz rated value         5 600 V           • at 60 Hz rated value         5 600 V           • at 60 Hz rated value         2 600 V           • at 60 Hz rated value         2 600 V           • at 60 Hz rated value         2 600 V <td>of the terminal</td> <td>IP20, clamping screw tightened</td>	of the terminal	IP20, clamping screw tightened
• is rankey applications according to EN 61373         Category 1, Class 8           • isocording to EK 0608-2.4         Category 1, Class 8           • isocording to EK 0608-2.4         Category 1, Class 8           • isocording to EK 0608-2.4         Category 1, Class 8           • isocording to EK 0608-2.4         Category 1, Class 8           • isocording to EK 0608-2.4         Category 1, Class 8           • isocording to EK 01373         Category 1, Class 8           • isocording to EK 014225         S           operating requesting cycles by picel         300 000           isocording to EK 01425C Dase link 0         10. A           continuous current of the Quick DIAZED fase link 0         10. A           continuous current of the Quick DIAZED fase link 0         10. A           operating voltage         5	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
• for railway applications according to EN 01373         Calegory 1, Class B           • for railway applications according to EN 01373         Cotegory 1, Class B           • for railway applications according to EN 01373         Cotegory 1, Class B           operating for query maximum         000 (1h           mechanical service life (operating cycles) typical         300 000           operating for query operating on Query System         300 000           continuous current of the Characteristic MCB         10 A           continuous current of the Characteristic MCB         10 A           continuous current of the QuEXD Isse line gG         10 A           Substance Prohibitance (Dats)         1001 2014           operating voltage         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 50 Hz rated volue         5 500 V           - at 60 Hz rated volue         5 500 V	shock resistance	
ubitation resistance         10500 Hz: 5g           • in calway splications according to EN 61373         Category 1, Class B           operating trequency maximum         600 (h           methanical service (life (operating cycles) typical         300 000           electrical andurance (perating cycles) typical         300 000           electrical andurance (perating cycles) typical         300 000           reference code according to EC 81346-2         S           continuous current of the Quck DL2ED fuse link         10 A           continuous current of the Quck DL2ED fuse link         10 A           continuous current of the Quck DL2ED fuse link         10 A           continuous current of the DL2ED fuse link         10 A           e- at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated value         5 600 V           - at 60 Hz rated	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
• ecoroting to IEC 6008-2-5(0 = 500 ft; 50)• for railway applications according to EN 51373Category 1, Class B• operating frequency maximum600 hmechanical service IIIC (operating cycles) typical300 000• decidate inducence (operating cycles) typical300 000• decidate inducence (operating cycles) typical000 000• decidate inducence (operating cycles) typical00 000• decidate inducence (operating cycles) typical00 000• decidate inducence (operating cycles) typical00 000• continuous current of the Characteristic MCB10 A for a shrch-tericuit current smaller than 400 A• continuous current of the DAZED fuse link G10 A for a shrch-tericuit current smaller than 400 A• continuous current of the DAZED fuse link GG10 A• subscription of the gibt Acceleration Science (Characteristic Current Smaller than 400 A• contracteristic Current of the Characteristic MCB00 v2014• at 60 b for rade value5 500 V• at 60 b for rade value6 500 V<	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
• of railway applications according to EN 81373Category 1, Class Boperating frequency maximum600 1/mmechanical envice life (operating cycles) typical300 000electinal envices life (operating cycles) typical300 000continuous current of the Charterotistic MCB10 A, for a short-circuit current smaller than 400 A.continuous current of the DIAZED tase link G10 Acontinuous current of the DIAZED tase link G5 500 Ventities vices link G5 500 Ventities link vices5 500 Ventities link vices5 500 Ventities link vices5 500 Ventities link vices6 500 Ventities link vices6 500 Ventities link vices6 500 Ventities link vices6 500 Ventities link vices entities link vices6 500 Ventities link vices entities link vices6 500 Ventities link vices entities link vices entites link vices entites link vices entites link vi	vibration resistance	
operating frequency maximum         600 1/n           mechanical service life (operating cycles) typical         300 000           decitation endormatic (operating cycles) typical         300 000           fetramical according to IES 01364-2         S           continuous current of the Characteristic MCB         10 A. for a short-circuit current smaller than 400 A.           continuous current of the OLAZED fuse link G         10 A.           continuous current of the OLAZED fuse link G         10 A.           Substance Prohibitance (Date)         100 / 2014           operating voltage         -           • at 50 Hz rated value         5 500 V           - at 50 Hz rated value         5 500 V           Power Electronics         -           contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5 mA), one maloperation per 10 m	<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
mechanical sorvice life (operating cycles) typical         300 000           electical andurance (operating cycles) typical         300 000           itermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the Characteriste MEB         10 A           continuous current of the DIAZED fuse link         10 A           continuous current of the DIAZED fuse link         10 A           continuous current of the DIAZED fuse link         10 A           continuous current of the DIAZED fuse link         10 A           continuous current of the DIAZED fuse link         10 A           - all 50 Hz ratide value         5 600 V           - all 50 Hz ratide value         5 600 V           - all 60 Hz ratide value         5 600 V           - all 60 Hz ratide value         5 600 V           Supply voltage of the light source at AC         60 V           supply voltage of the light source at AC         60 V           - all 60 Hz ratide value         240 24 V           Supply voltage of the light source at DC         -           - all 60 Hz ratide value         30 A           Supply voltage of the light source at DC         -           - all 60 Hz ratide value         30 A           Supply voltage of th	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
electrical endurance (operating opdes) hytical         300 000           thermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the C characteristic MCB         10 A. for a short-circuit current smaller than 400 A           continuous current of the Quick DAZED fuse link gG         10 A.           Substance Prohibitance (Date)         100 / 2014           operating voltage         -           • at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V           • at 60 Hz rated value         5 500 V	operating frequency maximum	600 1/h
thermal current         10.A           reference code according to IEC 81346-2         S           continuous current of the Quick DIAZED fuse link         10 A. for a short-dircuit current smaller than 400 A           continuous current of the Quick DIAZED fuse link gG         10 A.           operating voltage         10 A.           - at 50 Hz rated value         5 500 V           - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 00 Lz rated value         5 500 V           - at 01 Lz rated value         5 500 V           Supply voltage of the light source at AC         -           - at 01 Lz rated value         5 500 V           - at 01 Lz rated value         240 24 V           Supply voltage of the light source at DC         -           - at 04 Lz rated value         3A           Accritical connection         -           - at 04 value         Silver alloy           Power Discontact for auxiliary contac	mechanical service life (operating cycles) typical	300 000
reference code according to IEC 81346-2         S           continuous current of the QLA DAZED fuse link QL         10 A, for a short-circuit current smaller than 400 A.           continuous current of the QLA DAZED fuse link QL         10 A           continuous current of the QLA DAZED fuse link QL         10 A           continuous current of the QLA DAZED fuse link QL         1001/2014           operating voltage         1001/2014           • at DO far rated value         5 500 V           - at DO far rated value         5 500 V           - at DO far rated value         5 500 V           - at DO far rated value         5 500 V           - at DO far rated value         5 500 V           Power Electronics         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (20 V, 1 nA)           Supply voltage of the light source at AC         - at 00 Hz rated value           - at 0 Hz rated value         240 24 V           - at 0 Hz rated value         3A           - att 0 Hz rated value         3A           - atted value context of auxiliary contacts         2           - atted Value         3A           - atted value context of auxiliary contacts         2           - of modules and accessories         Silver alog           - of modules and accessories	electrical endurance (operating cycles) typical	300 000
continuous current of the C characteristic MCB         10 A, for a short-circuit current smaller than 400 A           continuous current of the DJA2ED fuse link g         10 A           Stubstance Prohibitance (Date)         1001/2014           operating vortage         10 A           - at 60 Hz rated value         5500 V           - at 05 Hz rated value         5500 V           - at 04 Hz rated value         5500 V           - at 04 Hz rated value         5500 V           - at 04 Hz rated value         24024 V           supply voltage of the light source at DC        24 V           - at 04 Hz rated value         24024 V           Contract of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         2           0        501 Hz           Contract of auxiliary contacts         2           - at 04 Hz rated value         240 24 V           Contract of auxiliar	thermal current	10 A
continuous current of the quick DIAZED fuse link g0     10 A       continuous current of the DIAZED fuse link g0     10 A       continuous current of the DIAZED fuse link g0     10 A       operating voltage     10 A       • at AC     5 500 V       - at 50 Hz rated value     5 500 V       • at Contrade value     6 40/DC       • at Contrade of the supply voltage of the suply supply voltage of the supply voltage of the supply voltage of t	reference code according to IEC 81346-2	S
continuous current of the DIAZED fuse link gG         10 A           Substance Prohibitance (Date)         100 1/2014           operating voltage         100 1/2014           • at AC         - at 50 Hz rated value           - at 50 Hz rated value         5 500 V           • at CC rated value         5 500 V <b>Contact reliability</b> Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG         10 A           Substance Prohibitance (Date)         100 1/2014           operating voltage         100 1/2014           • at AC         - at 50 Hz rated value           - at 50 Hz rated value         5 500 V           • at CC rated value         5 500 V <b>Contact reliability</b> Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (17 V, 5	continuous current of the quick DIAZED fuse link	10 A
Substance Prohibitance (Date)         10/01/2014           oparating voltage		10 A
operating voltage <ul> <li>at AC</li> <li>at AC</li> <li>at SD Hz rated value</li> <li>bt Or hz rated value</li> </ul> <li>Powar Electronics</li> <li>Context reliability</li> <li>One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)</li> <li>Supply voltage of the light source at AC</li> <li>at 80 Hz rated value</li> <li>at 80 Hz rated value</li> <li>at 80 Hz rated value</li> <li>cott at value</li> <li>at 40 Lz rated value</li> <li>cott value</li>		10/01/2014
• et AC		
at 60 Hz rated value         5 500 V           • at DC rated value         5 500 V           Power Electronics         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (27 V, 1 mA)           supply voltage of the light source at CC         24 0 24 V           supply voltage of the light source at CC         24 0 24 V           contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         Silver alloy           of modules and accessories         Silver alloy           s	— at 50 Hz rated value	5 500 V
• at DC rated value       5 500 V         Power Electronics       One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)         Supply voltage of the supply voltage of the light source at AC       AC/DC         supply voltage of the light source at AC       at 60 Hz rated value         • at 60 Hz rated value       240 24 V         supply voltage of the light source at DC       -         • rated value       240 24 V         Control circuit/ Control       -         Inrush current of LED module maximum       3 A         Axxillary circuit       -         design of the contact of auxillary contacts       2         number of NC contacts for auxillary contacts       0         connections/ Terminals       -         type of olectrical connection       -         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       -         • solid with core end processing       2x (10 15 mm <sup>2</sup> )         • finely stranded with core end processing       2x (18 14)         tightening torque of the according to SN 31920       100 000         proportion of dangerous failures       -         with whigh demand rate according to SN 31920       20 %         solt with orene and ra		
Power Electronics         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5V, 1 mA)           Supply voltage of the supply voltage of the light source         AC/DC           supply voltage of the light source at AC		
contact reliability         One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Supply voltage         AC/DC           supply voltage of the light source at AC         at 60 Hz rated value           at 60 Hz rated value         240 24 V           Control circuit/ Control         Inrush current of LED module maximum           AA         3A           Auxiliary circuit         Gesign of the contact of auxiliary contacts           0         Connectable conductor or auxiliary contacts           1 type of electrical connection         o           connectable conductor cross-sections         screw-type terminal           type of electrical connection         c/ (0, 5 0, 75 mm <sup>2</sup> )           • solid with core end processing         2x (1, 0 1, 5 mm <sup>2</sup> )           • finely stranded with core end processing         2x (1, 0 1, 5 mm <sup>2</sup> )           • finely stranded with core end processing         2x (1, 0 1, 5 mm <sup>2</sup> )           • finely stranded with core end processing         2x (1, 0 1, 5 mm <sup>2</sup> )           • finely stranded with source         per of light source           tightening torque of the screws in the bracket         1 12 Nm           tightening torque of auxiliary contacts with screw-type terminals         0 0.9 Nm           tamp         tread         20 Mox <tr< td=""><td></td><td>0000 V</td></tr<>		0000 V
Supply voltage       KV nmA)         Supply voltage of the supply voltage of the light source at AC       AC/DC         supply voltage of the light source at AC       240 24 V         supply voltage of the light source at DC       - rated value         • rated value       240 24 V         Control Circuit/ Control       - rated value         Auxiliary circuit       - rated value         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       Connections/ Terminals         type of electrical connection       screw-type terminal         • solid without core end processing       2x (0.5 0.75 mm <sup>2</sup> )         • solid without core end processing       2x (10 15 mm <sup>2</sup> )         • finely stranded with core end processing       2x (10 15 mm <sup>2</sup> )         • for AVVG cables       2x (18 14)         tightening torque for auxiliary contacts with screw-type terminals       0 0.9 Nm         Lamp       LED       color of the screws in the bracket       1 1.2 Nm         tightening torque for auxiliary contacts with screw-type terminals       0.8 0.9 Nm       1 12 Nm         tightening torque for auxiliary contacts with scre		One meloperation per 100 million (17 \/ 5 mA), and meloperation per 10 million
type of voltage of the light source         AC/DC           supply voltage of the light source at AC         240 24 V           • at 60 Hz rated value         240 24 V           supply voltage of the light source at DC         240 24 V           • rated value         240 24 V           Control circuit/ Control         innush current of LED module maximum           Maxiliary circuit         3 A           design of the contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         2           of modules and accessories         Screw-type terminal           type of electrical connection         0           • of modules and accessories         Screw-type terminal           type of electrical connectable conductor cross-sections         • solid without core end processing           • solid without core end processing         2x (0.5 0.75 mm²)           • solid without core end processing         2x (1.0 1.5 mm²)           • finely stranded with core end processing         2x (1.0 1.5 mm²)           • for AWG cables         2x (1.1 1.5 mm²)           • for AWG cables         2x (1.8 12. Nm           tightening torque for auxiliary contacts with screw-type terminals         0.8 0.9 Nm           Lamp         type of light source	contact renability	
Supply voltage of the light source at AC       240 24 V         supply voltage of the light source at DC       240 24 V         or rated value       240 24 V         Control circuit/ Control       Inrush current of LED module maximum         Auxiliary circuit       3A         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       Vype of electrical connection         • solid with core end processing       2x (1.0 1.5 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (1.0 1.5 mm²)         • for AVG cables       2x (1.8 14)         tightening torque for the screws in the bracket       1 1.2 N·m         tightening torque for the screws in the bracket       0.0 N·m         Lamp       Vuo for the light source       ED         color of the light source       LED         color of the light source       100 000         proportion of dangerous failures       20 %         • with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 % <td< td=""><td>Supply voltage</td><td></td></td<>	Supply voltage	
supply voltage of the light source at AC       240 24 V         supply voltage of the light source at DC       240 24 V         or rated value       240 24 V         Control circuit/ Control       3A         Inrush current of LED module maximum       3A         Auxiliary circuit       3A         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       Vype of electrical connection         of of connectable conduct or cross-sections       screw-type terminal         type of connectable conductor cross-sections       screw-type terminal         type of light stranded without core end processing       2x (10 1.5 mm <sup>3</sup> )         e finely stranded without core end processing       2x (10 1.5 mm <sup>3</sup> )         e for AVIG cables       2x (18 14)         tightening torque of the screws in the bracket       1 1.2 N-m         tightening torque for auxillary contacts with screw-type terminals       <	type of voltage of the supply voltage of the light source	AC/DC
• at 60 Hz rated value     240 24 V       supply voltage of the light source at DC     • rated value       • rated value     240 24 V       Control circuit/ Control     3 A       design of the contact of auxiliary contacts     Silver alloy       number of NC contacts for auxiliary contacts     2       number of NC contacts for auxiliary contacts     0       Connections/ Terminals     0       type of electrical connection     •       • of modules and accessories     Screw-type terminal       type of connectable conductor cross-sections     •       • solid with core end processing     2x (10 1.5 mm³)       • solid with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 1.5 mm³)       • finely stranded with core end processing     2x (10 0.9 Nrm       • finely stranded with core end processing     2x (10 1.5 mm³)       • f		
• rated value       240 24 V         Control circuit/ Control       24 V         Inrush current of LED module maximum       3 A         Auxiliary circuit       24 V         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NC contacts for auxiliary contacts       0         Connections/Terminals       0         type of electrical connection       0         • of modules and accessories       Sorew-type terminal         type of connectable conductor cross-sections       1.5 mm <sup>3</sup> )         • solid with our ore end processing       2x (0.5 0.75 mm <sup>3</sup> )         • solid without core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • inely stranded with core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • inely stranded with out core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • finely stranded without core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • finely stranded without core end processing       2x (0.5 0.9 Nm         Lamp       type of light source       1 1.2 N·m         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque for auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp </td <td></td> <td>240 24 V</td>		240 24 V
• rated value       240 24 V         Control circuit/ Control       24 V         Inrush current of LED module maximum       3 A         Auxiliary circuit       24 V         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NC contacts for auxiliary contacts       0         Connections/Terminals       0         type of electrical connection       0         • of modules and accessories       Sorew-type terminal         type of connectable conductor cross-sections       1.5 mm <sup>3</sup> )         • solid with our ore end processing       2x (0.5 0.75 mm <sup>3</sup> )         • solid without core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • inely stranded with core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • inely stranded with out core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • finely stranded without core end processing       2x (1.0 1.5 mm <sup>3</sup> )         • finely stranded without core end processing       2x (0.5 0.9 Nm         Lamp       type of light source       1 1.2 N·m         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque for auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp </td <td>supply voltage of the light source at DC</td> <td></td>	supply voltage of the light source at DC	
inrush current of LED module maximum     3 A       Auxiliary circuit		240 24 V
inrush current of LED module maximum     3 A       Auxiliary circuit	Control circuit/ Control	
Auxiliary circuit         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       o         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       •         • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (0.5 0.75 mm²)         • finely stranded without core end processing       2x (0.5 1.5 mm²)         • finely stranded without core end processing       2x (1.0 1.5 mm²)         • finely stranded without core end processing       2x (1.1 1.5 mm²)         • finely stranded without core end processing       2x (1.1 1.5 mm²)         • finely tranded without core end processing       2x (1.1 1.2 N·m         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque of auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       EED       Color of the light source         type of light source       LED       100 000		3 A
design of the contact of auxiliary contacts     Silver alloy       number of NC contacts for auxiliary contacts     2       number of NO contacts for auxiliary contacts     0       Connections/ Terminals     0       type of connectable conductor cross-sections     • solid with core end processing       • solid with core end processing     2x (1.0 1.5 mm²)       • finely stranded with core end processing     2x (1.0 1.5 mm²)       • finely stranded with core end processing     2x (1.0 1.5 mm²)       • for AWG cables     2x (1.0 1.5 mm²)       • for AWG cables     2x (1.0 1.5 mm²)       • for AWG cables     2x (1.0 1.5 mm²)       • for auxiliary contacts with screw-type terminals     0.8 0.9 N·m       Lamp     1 1.2 N·m       tightening torque of the screws in the bracket     1 1.2 N·m       tightening torque of the screw so if the screw-type terminals     0.8 0.9 N·m       Lamp     LED     color of the light source       B10 value with high demand rate according to SN 31920     100 000       proportion of dangerous failures     20 %       • with high demand rate according to SN 31920     20 %       • with high demand rate according to SN 31920     20 %       • with high demand rate according to SN 31920     20 %		
number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       of modules and accessories         solid with core end processing       2x (0.5 0.75 mm²)         solid with core end processing       2x (1.0 1.5 mm²)         of inely stranded with core end processing       2x (1.0 1.5 mm²)         of rot/Us cables       2x (1.0 1.5 mm²)         of rot/WG cables       2x (1.0 1.5 mm²)         of rot/WG cables       2x (1.0 1.5 mm²)         of or AWG cables       2x (1.0 1.5 mm²)         of or auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       Uspe of light source       LED         color of the light source       LED         color of the light source       Red         B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 %         with low demand rate according to SN 31920       20 %         with high demand rate according to SN 31920       20 %         e with high demand rate according to SN 31920       20 %		Silver alloy
number of NO contacts for auxiliary contacts     0       Connections/ Terminals       type of electrical connection       • of modules and accessories     Screw-type terminal       type of connectable conductor cross-sections     solid with core end processing     2x (0.5 0.75 mm²)       • solid without core end processing     2x (1.0 1.5 mm²)       • solid without core end processing     2x (1.0 1.5 mm²)       • finely stranded with core end processing     2x (1.0 1.5 mm²)       • finely stranded without core end processing     2x (1.0 1.5 mm²)       • for AWG cables     2x (1.1 1.2 m²)       • for AWG cables     2x (1.8 14)       tightening torque of the screws in the bracket     1 1.2 N·m       tightening torque for auxiliary contacts with screw-type terminals     0.8 0.9 N·m       Lamp     LED       solid data     100 000       proportion of dangerous failures     00000       with low demand rate according to SN 31920     100 000       proportion of dangerous failures     0.9 %       • with low demand rate according to SN 31920     20 %       • with low demand rate according to SN 31920     20 %       • with high demand rate according to SN 31920     20 %       • with high demand rate according to SN 31920     20 %       • with high demand rate according to SN 31920     20 % <td></td> <td></td>		
Connections/ Terminals         type of electrical connection         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections         • solid with core end processing       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (1.0 1.5 mm²)         • finely stranded without core end processing       2x (1.0 1.5 mm²)         • for AWG cables       2x (1.0 1.5 mm²)         • for AWG cables       2x (1.8 14)         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque of auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       tupe         type of light source       LED         color of the light source       red         Safety related data       B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 %       with low demand rate according to SN 31920       20 %         • with high demand rate according to SN 31920       20 %       100 FIT       100 FIT		
type of electrical connection       Screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       *         • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (1.0 1.5 mm²)         • finely stranded without core end processing       2x (1.1 1.5 mm²)         • finely stranded without core end processing       2x (1.1 1.5 mm²)         • for AWG cables       2x (1.8 14)         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque of auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       type of light source       LED         color of the light source       red         Safety related data       100 000         proportion of dangerous failures       100 000         • with low demand rate according to SN 31920       20 %         • with low demand rate according to SN 31920       20 %         • with low demand rate according to SN 31920       20 %         • with low demand rate according to SN 31920       20 %		0
• of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       -         • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 0.75 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)         • finely stranded without core end processing       2x (1.0 1,5 mm²)         • for AWG cables       2x (18 14)         tightening torque of the screws in the bracket       1 1.2 N·m         tightening torque of auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       LED         type of light source       LED         color of the light source       red         Safety rolated data		
type of connectable conductor cross-sections		Oranyu hara hami'nal
<ul> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (10 1,5 mm<sup>2</sup>)</li> <li>2x (10 1,5 mm<sup>2</sup>)</li></ul>		Screw-type terminar
<ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>for AWG cables</li> <li>for AWG cables</li> <li>2x (101,5 mm<sup>2</sup>)</li> <li>for AWG cables</li> <li>2x (101,5 mm<sup>2</sup>)</li> <li>for AWG cables</li> <li>2x (101,5 mm<sup>2</sup>)</li> <li>and the bracket</li> <li>1</li></ul>		$O_{\rm ef}(0.5 = 0.75 \mathrm{mm^2})$
• finely stranded with core end processing2x (0.5 1.5 mm²)• finely stranded without core end processing2x (1,0 1,5 mm²)• for AWG cables2x (18 14)tightening torque of the screws in the bracket1 1.2 N·mtightening torque of auxiliary contacts with screw-type terminals0.8 0.9 N·mLamptep of light sourcetype of light sourceLEDcolor of the light sourceredSafety related dataB10 value with high demand rate according to SN 31920100 000proportion of dangerous failures20 %• with low demand rate according to SN 3192020 %• with high demand rate according to SN 31920100 FIT		
<ul> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>for AWG cables</li> <li>2x (10 1,5 mm<sup>2</sup>)</li> <li>2x (18 14)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> <li>tightening torque for auxiliary contacts with screw-type terminals</li> <li>0.8 0.9 N·m</li> <li>Lamp</li> <li>type of light source</li> <li>color of the light source</li> <li>Safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>20 %</li> <li>with high demand rate according to SN 31920</li> <li>100 FIT</li> </ul>		
• for AWG cables2x (18 14)tightening torque of the screws in the bracket1 1.2 N·mtightening torque for auxiliary contacts with screw-type terminals0.8 0.9 N·mLampLEDtype of light sourceLEDcolor of the light source100 000Safety related data100 000proportion of dangerous failures20 %• with low demand rate according to SN 3192020 %• with high demand rate according to SN 31920100 FIT		
tightening torque of the screws in the bracket1 1.2 N·mtightening torque for auxiliary contacts with screw-type terminals0.8 0.9 N·mLampLeDtype of light sourceLEDcolor of the light sourceredSafety related data100 000B10 value with high demand rate according to SN 31920100 000proportion of dangerous failures20 %• with high demand rate according to SN 3192020 %• with high demand rate according to SN 3192020 %failure rate [FIT] with low demand rate according to SN 31920100 FIT		
tightening torque for auxiliary contacts with screw-type terminals       0.8 0.9 N·m         Lamp       LED         type of light source       red         Safety related data       red         B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 %         • with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT		
Lamp       LED         type of light source       red         color of the light source       red         Safety related data       100 000         proportion of dangerous failures       100 000         with low demand rate according to SN 31920       20 %         with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT		
type of light source       LED         color of the light source       red         Safety related data		0.8 0.9 N·m
color of the light source       red         Safety related data       red         B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 %         • with high demand rate according to SN 31920       20 %         • with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT		
Safety related data         B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures       20 %         • with low demand rate according to SN 31920       20 %         • with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT		LED
B10 value with high demand rate according to SN 31920       100 000         proportion of dangerous failures          • with low demand rate according to SN 31920       20 %         • with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT		red
proportion of dangerous failures       20 %         • with low demand rate according to SN 31920       20 %         • with high demand rate according to SN 31920       20 %         failure rate [FIT] with low demand rate according to SN 31920       100 FIT	Safety related data	
with low demand rate according to SN 31920 20 %     with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT	B10 value with high demand rate according to SN 31920	100 000
with high demand rate according to SN 31920 20 % failure rate [FIT] with low demand rate according to SN 31920 100 FIT	proportion of dangerous failures	
failure rate [FIT] with low demand rate according to SN 31920 100 FIT	<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %
	<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
Ambient conditions	failure rate [FIT] with low demand rate according to SN 31920	100 FIT
	Ambient conditions	

ambient temperature							
during operation		-25	-25 +70 °C				
<b>.</b> .							
• during storage environmental category during operation according to IEC 60721		-40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)					
Installation/ mounting/	dimensions		oona	oneadon in operation por			
fastening method			front	plate mounting			
of modules and	accessories			-			
	accessones			plate mounting			
height			40 m				
width			30 m				
shape of the installat	ion opening		round				
mounting diameter			22.3 mm				
positive tolerance of	Installation diameter		0.4 mm				
mounting height			46.4				
installation width			75 m				
installation depth			70.6 mm				
Accessories				_	_		
number of backing pl	ates		1				
marking of backing p	late		EME	RGENCY STOP			
color of backing plate	<del>)</del>		Yello	N			
Certificates/ approvals							
General Product App	oroval					Declaration of Con- formity	
(Sfr M		<u>Confirmatio</u>	n		EHC	CE EG-Konf.	
Declaration of Con- formity	Test Certificates			Marine / Shipping			
UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Ce</u> <u>ate</u>	<u>ertific-</u>	ABS	Lloyd's Register us	PRS	
Marine / Shipping	other	Environment					
RINA	<u>Confirmation</u>	Environmental firmations	<u>Con-</u>				
Further information Siemens has decided	to exit the Russian mar	ket (see here).					
https://press.siemens.c Siemens is working of Please contact your loo	com/global/en/pressrelease on the renewal of the cur cal Siemens office on the s	e/siemens-wind-do rent EAC certifica status of validity of	tes. the EA	C certification if you inter	nd to import or offer to sup	oply these products to an	
EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging							
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https://www.siemens.com/ic10 Industry Mall (Online ordering system)							
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Cax online generator							
Service&Support (Ma	on.siemens.com/WW/CAX nuals, Certificates, Char	acteristics, FAQs	,)	en&mlfb=3SU1158-1HB2	<u>20-1PT0</u>		
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	siemens.com/bilddb/cax_				15, EFLAN MACTOS,)		



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