## SIEMENS

## Data sheet

## 3RP2540-1BB30



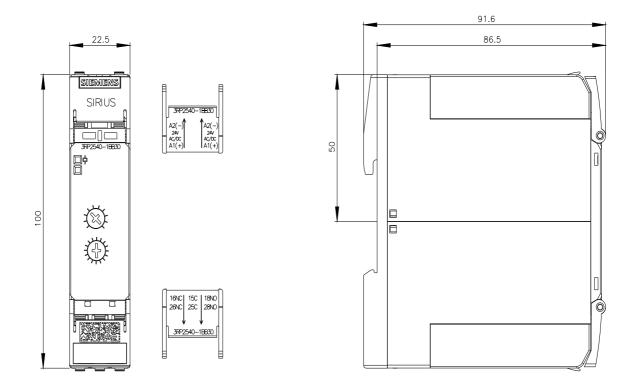
Timing relay, electronic OFF delay without control signal or smooth passing make contact non-volatile 7 time ranges 0.05...600 s 24 V AC/DC, 2 change-over contacts with LED, Screw terminal

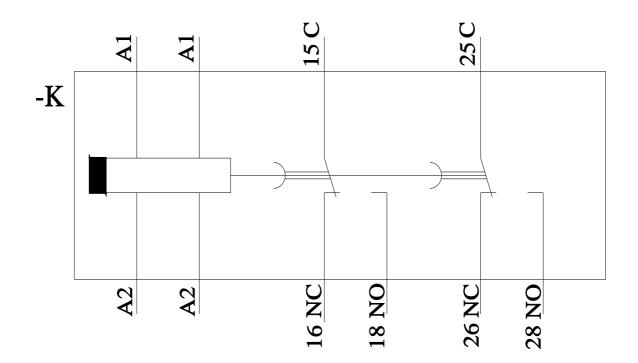
EXCRESS!	
product brand name	SIRIUS
product designation	timing relay
design of the product	rückfallverzögert ohne Steuersignal, nullspannungssicher,
	einschaltwischend
product type designation	3RP25
General technical data	
product component	
<ul> <li>relay output</li> </ul>	Yes
<ul> <li>semi-conductor output</li> </ul>	No
product extension required remote control	No
product extension optional remote control	No
power loss [W] maximum	2 W
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
test voltage for isolation test	2.5 kV
degree of pollution	3
surge voltage resistance rated value	4 000 V
protection class IP	IP20
shock resistance according to IEC 60068-2-27	11g / 15 ms
vibration resistance according to IEC 60068-2-6	10 55 Hz / 0.35 mm
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
adjustable time	0.05 600 s
adjustable time note	minimum value at function N = 0.5 s
relative setting accuracy relating to full-scale value	5 %; +/-
thermal current	5 A
minimum ON period	250 ms
recovery time	250 ms
reference code according to IEC 81346-2	К
relative repeat accuracy	1 %; +/-
influence of the surrounding temperature	1% in the whole temperature range to the set runtime
power supply influence	1% in the whole voltage range to the set runtime
Substance Prohibitance (Date)	09/12/2014
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1	
at DC rated value	24 V

operating range factor control supply voltage rated value at DC	
initial value	0.85
full-scale value	1.1
operating range factor control supply voltage rated	1.1
value at AC at 50 Hz	
<ul> <li>initial value</li> </ul>	0.85
<ul> <li>full-scale value</li> </ul>	1.1
operating range factor control supply voltage rated	
value at AC at 60 Hz	
<ul> <li>initial value</li> </ul>	0.85
• full-scale value	1.1
inrush current peak	
• at 24 V	2 A
duration of inrush current peak • at 24 V	1 ma
	1 ms
Switching Function	
switching function	
ON-delay	No
ON-delay/instantaneous contact	No
<ul> <li>passing make contact</li> <li>passing make contact/instantaneous contact</li> </ul>	Yes No
<ul> <li>passing make contact/instantaneous contact</li> <li>OFF delay</li> </ul>	Yes
switching function	
flashing symmetrically with interval	No
start/instantaneous	
<ul> <li>flashing symmetrically with interval start</li> </ul>	No
<ul> <li>flashing symmetrically with pulse</li> </ul>	No
start/instantaneous	
flashing symmetrically with pulse start	No
<ul> <li>flashing asymmetrically with interval start</li> </ul>	No
<ul> <li>flashing asymmetrically with pulse start</li> </ul>	No
<ul> <li>switching function</li> <li>star-delta circuit with delay time</li> </ul>	No
star-delta circuit	No
switching function with control signal	
additive ON-delay	No
<ul> <li>passing break contact</li> </ul>	No
<ul> <li>passing break contact/instantaneous</li> </ul>	No
OFF delay	No
OFF delay/instantaneous	No
<ul> <li>pulse delayed</li> </ul>	No
<ul> <li>pulse delayed/instantaneous</li> </ul>	No
<ul> <li>pulse-shaping</li> </ul>	No
<ul> <li>pulse-shaping/instantaneous</li> </ul>	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay/instantaneous	No
passing make contact	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	
<ul> <li>retrotriggerable with deactivated control signal/instantaneous contact</li> </ul>	No
<ul> <li>retrotriggerable with switched-on control signal</li> </ul>	No
<ul> <li>retrotriggerable with switched-on control</li> </ul>	No
signal/instantaneous contact	
<ul> <li>retriggerable with deactivated control signal</li> </ul>	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the	fuse gL/gG: 4 A
auxiliary switch required	
Auxiliary circuit	
material of switching contacts	AgSnO2
number of NC contacts	
delayed switching	0
instantaneous contact	0
number of NO contacts	

number of CD contacts         -           - idisystwiching         2           - instantianeous contact.         0           operational current of auxiliary contacts at AC-15         -           - at 24 V         3 A           - at 25 O V         0.1 A           - at 25 O V         0.1 A           - at 25 O V         0.1 A           operating frequency with SRT2 contacts         0.0 0.1/n           - ont to reliability of auxiliary contacts         0.0 0.1/n           - with thing capacity current with inductive load         0.13 A           reparticle current of inductive load         No           - du hotion         No	<ul> <li>delayed switching</li> </ul>	0
<ul> <li>e. disput solutions</li> <li>e. disput solutions&lt;</li></ul>	<ul> <li>instantaneous contact</li> </ul>	0
• maintaneous contact         0           operational current of auxiliary contacts at AC-15         3.A           • at 24 V         3.A           • at 25 V         3.A           • at 25 V         0.A           • at 25 V         0.2 A           • at 25 V         0.0 A           • on volution         0.0 A           • on volution         0.0 B           • on volution         0.0 E           • on volution         0.1 EC 6100.4.2           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV	number of CO contacts	
• maintaneous contact         0           operational current of auxiliary contacts at AC-15         3.A           • at 24 V         3.A           • at 25 V         3.A           • at 25 V         0.A           • at 25 V         0.2 A           • at 25 V         0.0 A           • on volution         0.0 A           • on volution         0.0 B           • on volution         0.0 E           • on volution         0.1 EC 6100.4.2           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV           • on volution-eant 5 urge according to IEC 6100.4.2         1 kV	<ul> <li>delayed switching</li> </ul>	2
operational current of auxiliary contacts at AC-19         3 A           at 250 V         3 A           operational current of auxiliary contacts at DC-13         1           at 21 V         0 A           ord 22 V         0 A           at 21 V         0 A           operating frequency with 3RT2 contactor maximum         one Uncornet switching operations of 100 million switching operations (17           vs.tin the frequency with attractor ontactor         Vs.tin Molecular           outs 100 Vinture         Vs.tin Vs.t		
• at 24 V       3 Å         • at 24 V       3 Å         • at 25 V       3 Å         • at 24 V       1 Å         • at 25 V       0         • at 25 V       0.2 Å         • att 24 vig objects outling to contacts       500 0 f/h         • att be relay objects outling to auxiliary contacts       0.1 3 Å         inputs/ Outjets       vis the inductive load       0.1 3 Å         inputs/ Outjets       vis the inductive load       vis the inductive and the inductive load         • out to conduct anterformer       • out to conductor anter       • out to conductor anter <td></td> <td>0</td>		0
• at 250 V     3 A       operational current of auxiliary contacts at DC-13     1 A       • at 24 V     0.1 A       • at 250 V     0.2 A       • at 250 V     0.1 A       operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts     0.1 A       operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts     0.1 3 A       Input5 Output5     Product function       • at the relay outputs switchorer delayed/without delay     No       • dat to conductor     Ves       • electronnagride compatibility     EMC emitted interference according to EC 61812-1     corresponds to degree of severity 3       • due to conductor-earts use according to EC 61000-4.3     2 kV network connection / 1 kV control connection       • due to conductor-earts use according to EC 61000-4.2     4 kV contact discharge / 8 kV air discharge       • due to conductor-earts are according to EC 61000-4.2     4 kV contact discharge / 8 kV air discharge       • due to conductor cross-section     Basic insulation       • actegory according to EC 61000 -L2     10 V/m       • actegory according to EC 61000 -L2     10 V/m       • actegory according to EC 61000 -L2     10 V/m       • actegory according to EC 61000 -L2     10 V/m       • actegory according to EC 61000 -L2     10 V/m       • actegory according to EC 61000 -L2     10 V/m <t< th=""><td>-</td><td></td></t<>	-	
operational current of auxiliary contacts at DC-13• aft 25 V0.2 A• at 250 V0.2 A• at 250 V0.2 A• at 250 V0.2 A• operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts5000 1/n• on incorrect switching operation of 100 million switching operations (r17 v) rs.ma)5000 1/n• on row-yolatileVes• on row-yolatileYes• enter on patibilityYes• enter on patibilityamblence A (industrial sector)• EMC minuty according to EC 61912-1conseponds to degree of severity 3• on on-yolatileYes• due to bast according to EC 61912-1conseponds to degree of severity 3• due to bast according to EC 61900-4.42 kV network connection /1 kV control connection• due to bast according to EC 61900-4.31 kV control connection• due to bast according to EC 61900-4.31 kV contact discharge• due to bast according to EC 61900-4.31 kV contact discharge• due to bast according to EC 61900-4.31 kV contact discharge• due to bast according to EC 61900-4.31 kV contact discharge• field-based interference according to EC 61900-4.31 kV contact discharge (r1 kV contact discharge• due to base according to EC 61000-4.42 kV contact discharge (r3 kV air discharge• field-based interference according to EC 61000-4.41 kV contact discharge (r3 kV air discharge• field-based interference according to EC 61000-4.41 kV contact discharge• field-based interference according to EC 61000-4.3 </th <td>• at 24 V</td> <td></td>	• at 24 V	
• at 24 V       1 A         • at 25 V       0.2 A         • at 25 V       0.2 A         • at 25 V       0.1 A         contact reliability of auxiliary contacts       0.0 1.h         • or at 250 V       0.0 1.h         contact reliability of auxiliary contacts       0.0 1.h         • at the relay outputs switchover delayed/without delay       0.01 3 A         inputs/ Outputs       Product function         • at the relay outputs switchover delayed/without delay       No         • at the relay outputs switchover delayed/without delay       without according to IEC 6 1012-1         EMC emmuny according to IEC 6 1012-1       conducted interference         • due to bound/dom earch surge according to IEC 6 1000-4.4       2 kV network connection / 1 kV control connection         • due to conductor earling to IEC 6 1000-4.3       10 Vm         electroangated acta       10 Vm         product function       screw-type terminals         related based interference according to IEC 61000-4.2       4 kV contact discharge / 8 kV air discharge         Safaty related data       protection class IP on the front according to IEC 61000-4.2         product component removable terminal for auxiliary and control criceut by 64-1       none         contactor cross-section       screw-type terminals         type of e	• at 250 V	3 A
<ul> <li>ai 125 V</li> <li>ai 125 V</li> <li>bi 125 V</li> <li>ci 125 V&lt;</li></ul>	operational current of auxiliary contacts at DC-13	
• iz 250 V 0.1 Å operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts switching capacity current with inductive load <b>Product Truncion</b> • at the relay outputs switchover delayed/without delay • non-vokatile <b>Product Compatibility</b> ENC emitted interference according to IEC 61612-1 ENC Immunity according to IEC 61612-1 Contacted interference according to IEC 61612-1 ENC Immunity according to IEC 61612-1 ENC emitted interference according to IEC 61600-4-3 et to b burst according to IEC 61600-4-3 et to borductor-earth surge according to IEC 61600-4-3 et to bits according to IEC 61600-4-3 et to Vim electrostatic discharge according to IEC 61600-4-3 et to Vim el	• at 24 V	1A
• iz 250 V 0.1 Å operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts switching capacity current with inductive load <b>Product Truncion</b> • at the relay outputs switchover delayed/without delay • non-vokatile <b>Product Compatibility</b> ENC emitted interference according to IEC 61612-1 ENC Immunity according to IEC 61612-1 Contacted interference according to IEC 61612-1 ENC Immunity according to IEC 61612-1 ENC emitted interference according to IEC 61600-4-3 et to b burst according to IEC 61600-4-3 et to borductor-earth surge according to IEC 61600-4-3 et to bits according to IEC 61600-4-3 et to Vim electrostatic discharge according to IEC 61600-4-3 et to Vim el	• at 125 V	0.2 A
operation         5 000 1/h           contact reliability of auxiliary contacts         5 000 1/h           switching capacity current with inductive load         0.013 A           Inputs/ Outputs         0.013 A           Inputs/ Outputs         Yes           Electromagnetic compatibility         Yes           Electromagnetic compatibility         emberose A (industrial sector)           Conducted interference         e.due to brait according to IEC 61002-4           • due to brait according to IEC 61002-4         2 kV network connection / 1 kV control connection           • due to brait according to IEC 61000-44         2 kV network connection / 1 kV control connection           • due to conductor-conductor surge according to IEC 61000-43         10 V/m           • electrostatic discharge according to IEC 61000-43         10 V/m           • electrostatic discharge according to IEC 61000-43         10 V/m           • field-based Interference according to IEC 61000-43         10 V/m           • field based interference according to IEC 61000-43         10 V/m           • field-based Interference according to IEC 61000-43         10 V/m           • field-based interference according to IEC 61000-43         10 V/m           • field-based interference according to IEC 61000-43         10 V/m           • field-based interference according to IEC 61000-43         <		
contact reliability of auxiliary contacts         one incorrect switching operation of 100 million switching operations (17           switching capacity current with inductive load         0.01 3 A           Imputs/Outputs         product function           • at the relay outputs switchover delayed/without delay         No           • at the relay outputs switchover delayed/without delay         No           • at the relay outputs switchover delayed/without delay         Yes           Electromagnetic compatibility         EMC emitted interference according to IEC 61812-1         corresponds to degree of seventy 3           conductor entit forence         • due to conductor-entits surge according to IEC 61000-4.3         2 KV network connection / 1 kV control connection 2 kV at forence according to IEC 61000-4.3           • due to conductor-entits surge according to IEC 61000-4.2         4 kV contact discharge / 8 kV air discharge           safety rolated data         protection class IP on the front according to IEC 61000-4.3         10 V/m           protection class IP on the front according to IEC 61000-4.3         Basic insulation none         Connectione/ 7 8 kV air discharge           safety rolated data         yea of electrical connection for auxiliary and control circuit         screw-type terminals           type of electrical connection for auxiliary and control circuit         screw-type terminals           type of electrical connectable conductor cross-section         0.5 .		
v. 5 mÅ)     V. 5 mÅ)       product function     0.01 3 A       inputs/ Outputs     product function       e at the relay outputs switchover delayed/without delay     No       delay     non-volatile       EMC emitted interference according to IEC 61812-1     ambience A (industrial sector)       EMC immunity according to IEC 61802-1     corresponds to degree of seventy 3       e due to conductor-seath surge according to IEC 61000-4-3     2 kV network connection / 1 kV control connection       e due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       electrostatic discharge according to IEC 61000-4-3     10 V/m       protection class IP on the front according to IEC 61000-4-3     10 V/m       protection class IP on the front according to IEC 61000-4-3     10 V/m       protection class IP on the front according to IEC 61000-4-3     10 V/m       protection class IP on the front according to IEC 61000-4-3     10 V/m       protection class IP on the front according to IEC 61000-4-3     10 V/m       electrostatic doncetable conductor cross-section     sci (0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0		
switching capacity current with inductive load         0.01 3 A           inputs/ Outputs         product function           • at the relay outputs switchover delayed/without delay         No           • onn-volatile         Yes           Electromagnetic compatibility         ambience A (industrial sector)           ENC emitted interference according to IEC 61812-1         corresponds to degree of seventy 3           - odue to burst according to IEC 6100-4-4         2 kV network connection / 1 kV control connection           - due to conductor-earth surge according to IEC 6100-4-3         1 kV           - due to conductor acting to IEC 6100-4-3         2 kV network connection / 1 kV control connection           - due to conductor-acting to IEC 61000-4-3         1 kV           electrostatic discharge according to IEC 61000-4-3         10 V/m           electrostatic discharge according to IEC 61000-4-3         10 V/m           electrostatic discharge to E 61000-4-3         10 V/m           electrostatic discharge to the front according to IEC 61000-4-3         10 V/m           electrostatic discharge to E 61000-4-1 <td>contact reliability of auxiliary contacts</td> <td></td>	contact reliability of auxiliary contacts	
Inputs/Opputs         Product function                end the lay outputs switchover delayed/without delay outputs switchover delayed/without delay outputs switchover delayed/without delay outputs according to IEC 61812-1 EMC immunity according to IEC 61812-1 EMC immunity according to IEC 61812-1 EMC immunity according to IEC 61812-1 Conducted interference due to bourd according to IEC 61000-4-3 due to conductor-conductor surge according to IEC field-based interference according to IEC 61000-4-3 due to conductor-conductor surge according to IEC field-based interference according to IEC 61000-4-3 due to conductor-conductor surge according to IEC field-based interference according to IEC 61000-4-3 due to sonductor-conductor surge according to IEC field-based interference according to IEC 61000-4-3 due to sonductor-conductor surge according to IEC field-based interference according to IEC 61000-4-3 due to conductor-conductor surge according to IEC field based protection class IP on the front according to IEC field based protection class IP on the front according to IEC field with core end processing solid inferily standed with core end processing at AWC cables sinded at AWC cables sinded at AWC cables sinded sinded standed tippe of the thread of the connection screw solid standed tippe standed with core end processing at AWC cables sinded solid standed tippe standed with side-by-side mounting/ design of the thread of the connection screw Maconting Jointons acre		,
product function         • at the relay outputs switchover delayed/without olay         No           • at the relay outputs switchover delayed/without olay         No           • at the relay outputs switchover delayed/without olay         Yes           EMC emitted interference according to IEC 61812-1 conducted interference         ambience A (industrial sector) corresponds to degree of severity 3           conducted interference         • due to burst according to IEC 61000-4.4         2 kV network connection / 1 kV control connection           • due to conductor-arth surge according to IEC 61000-4.5         1 kV           field-based interference         10 C/m           electrostatic discharge according to IEC 61000-4.2         10 V/m           grotoctic Component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary at AWG cables standed         Yes           • solid         • at AWG cables standed         10 (0.5 4 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )           • solid         • at AWG cables standed         0.5 4 mm <sup>2</sup> <	switching capacity current with inductive load	0.01 3 A
• at the relay outputs switchover delayed/without delay     No       • non-volabile     Yes       Electromagnetic compatibility     ambience A (industrial sector) corresponds to degree of severity 3       EMC emitted interference according to IEC 61812-1 enducted interference     ambience A (industrial sector) corresponds to degree of severity 3       • due to conductor-earth surge according to IEC 61000-4-5     at V network connection / 1 kV control connection 2 kV       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV       • due to conductor-conductor surge according to IEC 61000-4-2     4 kV control connection 4 kV air discharge       Safety rolated data     10 Vm       • protection class IP on the front according to IEC 60523     IP20       • ford - connectable conductor cross-section • solid     1 kV control connectable conductor cross-section • solid       • solid     1 k (0.5 4 nm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )       • at AWG cables sind     1 x (20 12, 2x (20 14)       • at AWG cables sind     0.5 4 mm <sup>2</sup> • solid     0.5 4 mm <sup>2</sup> • stranded     20 12       • stranded     20 12       • stranded     20 12   <	Inputs/ Outputs	
delay         Yes           Electromagnetic compatibility         ambience A (industrial sector)           EMC immunity according to IEC 61812-1         conducted interference           e due to burst according to IEC 61812-1         conducted interference           e due to burst according to IEC 61000-4.4         2 kV network connection / 1 kV control connection           e due to conductor-earth surge according to IEC 61000-4.3         10 V/m           electrostatic discharge according to IEC 61000-4.2         10 V/m           electrostatic discharge according to IEC 61000-4.2         10 V/m           electrostatic discharge according to IEC 61000-4.3         10 V/m           electrostacording to	product function	
delay         Yes           Electromagnetic compatibility         ambience A (industrial sector)           EMC immunity according to IEC 61812-1         conducted interference           e due to burst according to IEC 61812-1         conducted interference           e due to burst according to IEC 61000-4.4         2 kV network connection / 1 kV control connection           e due to conductor-earth surge according to IEC 61000-4.3         10 V/m           electrostatic discharge according to IEC 61000-4.2         10 V/m           electrostatic discharge according to IEC 61000-4.2         10 V/m           electrostatic discharge according to IEC 61000-4.3         10 V/m           electrostacording to	•	No
• on-wolatile         Yes           Electromagnetic compatibility         ambience A (industrial sector)           ENC emitted interference actions to IEC 61812-1         corresponds to degree of severity 3           • due to burst according to IEC 61000-4.4         2 kV network connection / 1 kV control connection           • due to conductor-earth surge according to IEC 61000-4.5         1 kV           • due to conductor-conductor surge according to IEC 61000-4.3         10 V/m           electrostatic discharge according to IEC 61000-4.2         4 kV contact discharge           Staty rolated data         IP20           Protection class IP on the front according to IEC 6000-4.2         HeV contact discharge           Staty rolated data         IP20           Protection class IP on the front according to IEC 6000-4.2         Vec component removable forminal for auxiliary and control circuit           product component removable forminal for auxiliary and control circuit         screw-type terminals           type of electrical connection for auxiliary and control circuit         screw-type terminals           in finely stranded with core end processing         1x (0.5 4 0 mm <sup>2</sup> ), 2x (0.5 15 mm <sup>2</sup> )           • al AWG cables stranded         1x (20 12, 2x (20 14)           • at AWG cables stranded         0.5 4 mm <sup>2</sup> • stranded         0.5 4 mm <sup>2</sup> • stranded		
Electromagnetic compatibility         EMC immunity according to IEC 61812-1         conducted interference         • due to burst according to IEC 61812-1         conducted interference         • due to burst according to IEC 61812-1         conducted interference         • due to burst according to IEC 61802-44         • due to conductor-anth surge according to IEC 61802-45         field-based Interference according to IEC 61800-4-2         1 kV         fold-based Interference according to IEC 61800-4-2         2 kV related data         protection class IP on the front according to IEC 61800-4-2         1 kV         Safety related data         protection class IP on the front according to IEC 61800-4-2         1 kV         Safety related data         product component removable terminal for auxillary and control circuit         type of insulation category according to IEC 61802-41         relation for auxillary and control circuit         type of electrical connection for auxillary and control circuit         type of electrical connection reado avelic cores-section         • solid       0.5 4 0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )         to 2 14       tx (20 12), 2x (20 14)         to 2 12, 2x (20 14)       tx (20 12, 2x (20 14)		Yes
EMC emitted interference according to IEC 61812-1       ambience A (industrial sector)         EMC immunity according to IEC 61812-1       corresponds to degree of severity 3         conducted interference       • due to burst according to IEC 61000-4-4       2 kV network connection / 1 kV control connection         • due to conductor-earth surge according to IEC 61000-4-3       1 kV       2 kV network connection / 1 kV control connection         • due to conductor-conductor surge according to IEC 61000-4-3       10 V/m       2 kV vontact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       1 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-3		
EMC immunity according to IEC 61812-1       corresponds to degree of severity 3         e due to burst according to IEC 61000-4-4       2 KV network connection / 1 KV control connection         • due to conductor-earth surge according to IEC 61000-4-5       2 kV         • due to conductor-conductor surge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-3         protection class IP on the front according to IEC 61000-4-3       10 V/m         gaster related data       response         protection class IP on the front according to IEC 61000-4-3       10 V/m         connections/Torminals       response         product component removable terminal for auxillary and control circuit       strew-type terminals         type of insulation control circuit       strew-type terminals         type of connectable conductor cross-sections       1x (0.5 4.0 mm <sup>3</sup> ), 2x (0.5 2.5 mm <sup>3</sup> )         e al. WG cables stranded       1x (20 12), 2x (20 14)         connectable conductor cross-section       0.5 4 mm <sup>3</sup> e solid       0.5 4 mm <sup>3</sup> e finely stranded with core end processing       0.5 4 mm <sup>3</sup> </th <td></td> <td></td>		
conducted inferference       2 kV network connection / 1 kV control connection         • Use to burst according to IEC 61000-4-4       2 kV network connection / 1 kV control connection         • Out to conductor-earth surge according to IEC 61000-4-3       2 kV         • Out to conductor-conductor surge according to IEC 61000-4-3       10 V/m         • electrostatic discharge according to IEC 61000-4-2       10 V/m         • electrostatic discharge according to IEC 61000-4-2       10 V/m         • Safety related data       IP20         protection class IP on the front according to IEC 61000-4-2       IP20         • Option class IP on the front according to IEC 61000-4-2       IP20         officities according to EN 954-1       none         Connectable conductor cross-sections       screw-type terminals         • oid finely stranded with core end processing       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         • inely stranded with core end processing       1x (20 12), 2x (20 14)         • ondector cross-section       0.5 4 mm², 2x (0.5 2.5 mm²)         • solid       0.5 4 mm², 2x (0.5 1.5 mm²)         • at AWG cables stranded       1x (20 12), 2x (20 14)         • onely stranded with core end processing       0.5 4 m²         • solid       0.5 4 m²         • solid       0.5 4 m²	0	
• due to burst according to IEC 61000-4-4         2 kV network connection / 1 kV control connection           • due to conductor-earth surge according to IEC 61000-4-5         2 kV           • due to conductor-conductor surge according to IEC 61000-4-3         10 V/m           field-based interference according to IEC 61000-4-2         1 kV           stety related data         10 V/m           protection class IP on the front according to IEC 61000-4-2         1 kV           66529         type of insulation           category according to EN 954-1         none           Connections/Terminals         Yes           product component removable terminal for auxiliary and control circuit         screw-type terminals           type of electrical connectable conductor cross-sections         solid           • solid         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)           • finely stranded with core end processing         1x (20 12), 2x (20 14)           • solid         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • solid         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • solid         0.5 4 mm²           • solid         20 12	EMC immunity according to IEC 61812-1	corresponds to degree of severity 3
• due to conductor-earth surge according to IEC       2 kV         61000-4-5       • due to conductor-conductor surge according to IEC       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       4 kV contact discharge / 8 kV air discharge         Safety related data	conducted interference	
• due to conductor-earth surge according to IEC       2 kV         61000-4-5       • due to conductor-conductor surge according to IEC       1 kV         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       4 kV contact discharge / 8 kV air discharge         Safety related data	<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection
6 due to conductor-conductor surge according to IEC       1 kV         6 due to conductor-conductor surge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-3       10 V/m         getertrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       Protection class IP on the front according to IEC 61000-4-2         Protection class IP on the front according to IEC 61000-4-2       10 V/m         connections/ Torminals       Basic insulation         product component removable terminal for auxiliary and control circuit       type of electrical connectable conductor cross-sections         • solid       Yes       screw-type terminals         type of electrical connectable conductor cross-section       tx (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )         • at AWG cables stranded       tx (20 12), 2x (20 14)         • at AWG cables stranded       0.5 4 mm <sup>2</sup> • solid       0.5 4 mm <sup>2</sup> • stranded       ta Mme         tightening torque       0.6 0.8 N·		2 kV
61000-4-5       10 V/m         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       IP20         good       Basic insulation none       Description         Connections/ Terminals       product component removable terminal for auxiliary and control circuit       Yes         yre of electrical connection for auxiliary and control circuit       type of electrical connection for auxiliary and control circuit       tx (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )         type of electrical conductor cross-sections       1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )       tx (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )         • solid       0.5 4 mm <sup>3</sup> , 2x (0.5 1.5 mm <sup>2</sup> )       tx (20 12), 2x (20 14)       tx (20 12), 2x (20 14)         • at AWG cables stranded       0.5 4 mm <sup>3</sup> 0.5 4 mm <sup>3</sup> Mm <sup>3</sup> • Solid       0.5 4 mm <sup>3</sup> 0.5 4 mm <sup>3</sup> Mm <sup>3</sup> • Solid       20 12       3.0		
61000-4-5       10 V/m         field-based interference according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 61000-4-2       IP20         good       Basic insulation none       Description         Connections/ Terminals       product component removable terminal for auxiliary and control circuit       Yes         yre of electrical connection for auxiliary and control circuit       type of electrical connection for auxiliary and control circuit       tx (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )         type of electrical conductor cross-sections       1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )       tx (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )         • solid       0.5 4 mm <sup>3</sup> , 2x (0.5 1.5 mm <sup>2</sup> )       tx (20 12), 2x (20 14)       tx (20 12), 2x (20 14)         • at AWG cables stranded       0.5 4 mm <sup>3</sup> 0.5 4 mm <sup>3</sup> Mm <sup>3</sup> • Solid       0.5 4 mm <sup>3</sup> 0.5 4 mm <sup>3</sup> Mm <sup>3</sup> • Solid       20 12       3.0	<ul> <li>due to conductor-conductor surge according to IEC</li> </ul>	1 kV
electrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 60523       IP20         type of insulation category according to EN 954-1       none         Connections/ Terminals       product component removable terminal for auxiliary and control circuit       Yes         solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)       i.fnely stranded with core end processing         • solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (20 12), 2x (20 14)       i.f ma²         • solid       0.5 4 mm²       0.5 4 mm²       i.f ma²         • solid       20 12, 2x (20 14)       i.f ma²       i.f ma²         • solid       20 12       i.f ma²       i.f ma²       i.f ma²         • solid       20 12       i.f ma²       i.f ma²       i.f ma²       i.f ma² </th <td></td> <td></td>		
electrostatic discharge according to IEC 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 60523       IP20         type of insulation category according to EN 954-1       none         Connections/ Terminals       product component removable terminal for auxiliary and control circuit       Yes         solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)       i.fnely stranded with core end processing         • solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)       i.f ma²)         • at AWG cables solid       1x (20 12), 2x (20 14)       i.f ma²         • solid       0.5 4 mm²       0.5 4 mm²       i.f ma²         • solid       20 12, 2x (20 14)       i.f ma²       i.f ma²         • solid       20 12       i.f ma²       i.f ma²       i.f ma²         • solid       20 12       i.f ma²       i.f ma²       i.f ma²       i.f ma² </th <td>field-based interference according to IEC 61000-4-3</td> <td>10 V/m</td>	field-based interference according to IEC 61000-4-3	10 V/m
Safety related data       IP20         protection class IP on the front according to IEC 60529       IP20         stype of insulation category according to EN 954-1       Basic insulation none         Connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       Yes         of field stranded with core and processing       is connectable conductor cross-sections         • solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         • at AWG cables stranded       1x (20 12), 2x (20 14)         connectable conductor cross-section       0.5 4 mm²         • solid       20 12         • solid       20 14         • stranded       0.6 0.8 N·m         design of the thread of the connection screw       M3         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       fave         height       100 mm         width       22.5 mm         90 mm       90 mm </th <td></td> <td>4 kV contact discharge / 8 kV air discharge</td>		4 kV contact discharge / 8 kV air discharge
protection class IP on the front according to IEC         IP20           60529         type of insulation category according to EN 954-1         Basic insulation none           Connections/Terminals         Forduct component removable terminal for auxiliary and control circuit         Yes           product component removable terminal for auxiliary and control circuit         Yes         screw-type terminals           type of electrical connection for auxiliary and control circuit         Yes         screw-type terminals           * solid         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4.0 mm²), 2x (0.5 1.5 mm²)           • solid         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)           • one         solid         0.5 4 mm²           • solid         0.5 4 mm²         0.5 4 mm²           • solid         0.5 4 mm²         0.5 4 mm²           • solid         0.5 4 mm²         0.5 4 mm²           • solid         20 12         20 14           • stranded         20 14         0.5 4 mm²           • stranded         20 14         0.5 4 mm²           • stranded         20 14         0.5 4 mm²           • stranded         10 mm         3           • stranded         20 12		
60529     Basic insulation       type of insulation     category according to EN 954.1     none       Connections/ Terminals     Yes       product component removable terminal for auxiliary and control circuit     Yes       type of electrical connection for auxiliary and control circuit     screw-type terminals       type of onnectable conductor cross-sections     screw-type terminals       • solid     1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)       • timely stranded with core end processing     1x (20 12), 2x (20 14)       • at AWG cables solid     1x (20 12), 2x (20 14)       • at AWG cables stranded     0.5 4 mm²       • solid     0.6 0.8 N·m       design of the thread of the connection screw     M3       Installation/ mounting/ dimensions     any       mounting position     any       fastering method     screw and snap-on mounting onto 35 mm D		
type of insulation category according to EN 954-1     Basic insulation none       Connections/Terminals       product component removable terminal for auxiliary and control circuit     Yes       type of electrical connection for auxiliary and control circuit     screw-type terminals       type of electrical connectable conductor cross-sections     screw-type terminals       • solid     1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)       • at AWG cables stranded     1x (20 12), 2x (20 14)       • at AWG cables stranded     1x (20 12), 2x (20 14)       • solid     0.5 4 mm²       • solid     0.5 0.8 Nm       design of the thread of the connection screw     M3       Installation/ mounting onto 35 mm DIN rail     100 mm       height     90 mm       • with side-by-side mounting <t< th=""><td></td><td></td></t<>		
category according to EN 954-1       none         Connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit screw-type terminals       screw-type terminals         • solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         • finely stranded with core end processing       1x (20 12), 2x (20 14)         • at AWG cables solid       1x (20 12), 2x (20 14)         • at AWG cables stranded       1x (20 12), 2x (20 14)         • at AWG cables stranded       0.5 4 mm²         • solid       0.5 4 mm²         • stranded       20 12         • stranded       20 14         tightening torque       0.6 0.8 N·m         design of the thread of the connection screw       M3         Installation/ mounting/ dimensions       screw and snap-on mounting onto 35 mm DIN rail         height       100 mm         width       22.5 mm	protection class IP on the front according to IEC	IP20
Connections/ Terminals         product component removable terminal for auxiliary and control circuit         type of electrical connection for auxiliary and control circuit         type of connectable conductor cross-sections         • solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         • at AWG cables solid       1x (20 12), 2x (20 14)         • at AWG cables stranded       0.5 4 mm²         connectable conductor cross-section       0.5 4 mm²         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         wKG cables stranded       0.5 4 mm²         • solid       0.5 4 mm²         • solid       0.5 4 mm²         • stranded       20 12         • stranded       20 14         itghtening torque       0.6 0.8 N·m         design of the thread of the connection screw       M3         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       any         height       90 mm         with side-by-side mounting       90 mm	protection class IP on the front according to IEC 60529	
product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection for auxiliary and control circuit       screw-type terminals         type of connectable conductor cross-sections       screw-type terminals         • solid       1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         • at AWG cables solid       1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         • at AWG cables solid       1x (20 12), 2x (20 14)         • at AWG cables stranded       1x (20 12), 2x (20 14)         connectable conductor cross-section       o.5 4 mm²         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • solid       0.5 4 mm²         • stranded       20 12         • stranded       20 14         tightening torque       0.6 0.8 N·m         design of the thread of the connection screw       M3         Installation/ mounting/ dimensions       any         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail         height       90 mm         with side	protection class IP on the front according to IEC 60529 type of insulation	
and control circuitscrew-type terminalstype of electrical connectable conductor cross-sectionsscrew-type terminals• solid1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)• finely stranded with core end processing1x (0.5 4 mm²), 2x (0.5 1.5 mm²)• at AWG cables solid1x (20 12), 2x (20 14)• at AWG cables stranded1x (20 12), 2x (20 14)• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• solid20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmold public bap-side mounting90 mm• with side-by-side mountingwith side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation	Basic insulation
type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sectionsscrew-type terminals• solid1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)• finely stranded with core end processing1x (0.5 4 mm²), 2x (0.5 1.5 mm²)• at AWG cables solid1x (20 12), 2x (20 14)• at AWG cables stranded1x (20 12), 2x (20 14)• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid20 12• solid20 14• solid20 14• solid0.6 0.8 N·m• design of the thread of the connection screwM3Installation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mm90 mm90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1	Basic insulation
type of connectable conductor cross-sectionsv• solid1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)• finely stranded with core end processing1x (0.5 4 mm²), 2x (0.5 1.5 mm²)• at AWG cables solid1x (20 12), 2x (20 14)• at AWG cables stranded1x (20 12), 2x (20 14)• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.6 0.8 N·m• stranded0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mm• with side-by-side mounting90 mm• with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals	Basic insulation none
type of connectable conductor cross-sectionsv• solid1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)• finely stranded with core end processing1x (0.5 4 mm²), 2x (0.5 1.5 mm²)• at AWG cables solid1x (20 12), 2x (20 14)• at AWG cables stranded1x (20 12), 2x (20 14)• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.6 0.8 N·m• stranded0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mm• with side-by-side mounting90 mm• with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary	Basic insulation none
• solid1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)• finely stranded with core end processing1x (0.5 4 mm²), 2x (0.5 1.5 mm²)• at AWG cables solid1x (20 12), 2x (20 14)• at AWG cables stranded1x (20 12), 2x (20 14)• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• solid20 12• stranded20 14• stranded0.6 0.8 N·m• stranded0.6 0.8 N·m• design of the thread of the connection screwM3Installation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mm• with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit	Basic insulation none Yes
<ul> <li>finely stranded with core end processing</li> <li>tx (0.5 4 mm<sup>2</sup>), 2x (0.5 1.5 mm<sup>2</sup>)</li> <li>at AWG cables solid</li> <li>tx (20 12), 2x (20 14)</li> <li>at AWG cables stranded</li> <li>tx (20 12), 2x (20 14)</li> <li>connectable conductor cross-section</li> <li>solid</li> <li>o.5 4 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>AWG number as coded connectable conductor cross section</li> <li>solid</li> <li>coniectable conductor cross</li> <li>section</li> <li>solid</li> <li>solid</li> <li>20 12</li> <li>stranded</li> <li>tightening torque</li> <li>design of the thread of the connection screw</li> <li>M3</li> <li>Installation/ mounting/ dimensions</li> <li>any</li> <li>fastening method</li> <li>height</li> <li>with side-by-side mounting</li> <li>with side-by-side mounting</li> </ul>	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	Basic insulation none Yes
<ul> <li>at AWG cables solid</li> <li>at AWG cables stranded</li> <li>at AWG cables stranded</li> <li>at AWG cables stranded</li> <li>at AWG cables stranded</li> <li>at (20 12), 2x (20 14)</li> <li>connectable conductor cross-section</li> <li>solid</li> <li>o.5 4 mm<sup>2</sup></li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>solid</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>solid</li> <li>20 12</li> <li>stranded</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>solid</li> <li>20 12</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.5 4 mm<sup>2</sup></li> <li>O.5 4 mm<sup>2</sup></li> <li>O.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section</li> <li>o.6 0.8 N·m</li> <li>design of the thread of the connection screw</li> <li>M3</li> <li>Mathematical conduction screw</li> <li>M3</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>22.5 mm</li> <li>90 mm</li> <li>e with side-by-side mounting</li> <li>with side-by-side mounting</li> </ul>	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Basic insulation none Yes screw-type terminals
• at AWG cables stranded       1x (20 12), 2x (20 14)         connectable conductor cross-section       • solid         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         AWG number as coded connectable conductor cross section       • solid         • solid       20 12         • stranded       20 14         tightening torque       0.6 0.8 N·m         design of the thread of the connection screw       M3         Installation/ mounting/ dimensions       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail         height       100 mm         width       22.5 mm         depth       90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )
connectable conductor cross-section 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²AWG number as coded connectable conductor cross section-• solid20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/ mounting/ dimensions-mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmgetth90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )
• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²AWG number as coded connectable conductor cross section20 12• solid20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mm	protection class IP on the front according to IEC         60529         type of insulation         category according to EN 954-1         Connections/ Terminals         product component removable terminal for auxiliary and control circuit         type of electrical connection for auxiliary and control circuit         type of connectable conductor cross-sections <ul> <li>solid</li> <li>finely stranded with core end processing</li> <li>at AWG cables solid</li> </ul>	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14)
• finely stranded with core end processing0.5 4 mm²AWG number as coded connectable conductor cross section0.5 4 mm²• solid20 12• stranded20 14• tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacing • with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14)
AWG number as coded connectable conductor cross section20 12• solid20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacing• with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14)
AWG number as coded connectable conductor cross section• solid20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/mounting/ dimensionsmounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacing• with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14)
section20 12• stranded20 14tightening torque0.6 0.8 N·mdesign of the thread of the connection screwM3Installation/mounting/ dimensionsmounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacing• with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm <sup>2</sup>
<ul> <li>stranded</li> <li>stranded</li> <li>20 14</li> <li>tightening torque</li> <li>0.6 0.8 N·m</li> <li>design of the thread of the connection screw</li> <li>M3</li> <li>Installation/ mounting/ dimensions</li> <li>Installation/ mounting/ dimensions</li> <li>screw and snap-on mounting onto 35 mm DIN rail</li> <li>height</li> <li>height</li> <li>width</li> <li>22.5 mm</li> <li>90 mm</li> <li>required spacing</li> <li>with side-by-side mounting</li> </ul>	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm <sup>2</sup>
tightening torque design of the thread of the connection screw0.6 0.8 N·m M3Installation/ mounting/ dimensionsM3mounting position fastening methodany screw and snap-on mounting onto 35 mm DIN rail 100 mmheight width depth22.5 mm 90 mmrequired spacing • with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • Solid • finely stranded with core end processing	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm <sup>2</sup>
tightening torque design of the thread of the connection screw0.6 0.8 N·m M3Installation/ mounting/ dimensionsM3mounting position fastening methodany screw and snap-on mounting onto 35 mm DIN rail 100 mmheight width depth22.5 mm 90 mmrequired spacing • with side-by-side mounting90 mm	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup>
design of the thread of the connection screw     M3       Installation/ mounting/ dimensions     any       mounting position     any       fastening method     screw and snap-on mounting onto 35 mm DIN rail       height     100 mm       width     22.5 mm       depth     90 mm       required spacing     • with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • solid • solid • solid	Basic insulation none Yes screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 4 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> ) 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) 0.5 4 mm <sup>2</sup> 0.5 4 mm <sup>2</sup>
Installation/ mounting/ dimensions         mounting position       any         fastening method       screw and snap-on mounting onto 35 mm DIN rail         height       100 mm         width       22.5 mm         depth       90 mm         required spacing       • with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 12         20 12
mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacing• with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque	Basic insulation none Yes screw-type terminals $1x (0.5 4.0 \text{ mm}^2), 2x (0.5 2.5 \text{ mm}^2)$ $1x (0.5 4 \text{ mm}^2), 2x (0.5 1.5 \text{ mm}^2)$ 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) $0.5 4 \text{ mm}^2$ $0.5 4 \text{ mm}^2$ 20 12 20 14 0.6 0.8  N·m
fastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth22.5 mmdepth90 mmrequired spacingWith side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw	Basic insulation none Yes screw-type terminals $1x (0.5 4.0 \text{ mm}^2), 2x (0.5 2.5 \text{ mm}^2)$ $1x (0.5 4 \text{ mm}^2), 2x (0.5 1.5 \text{ mm}^2)$ 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) $0.5 4 \text{ mm}^2$ $0.5 4 \text{ mm}^2$ 20 12 20 14 0.6 0.8  N·m
height     100 mm       width     22.5 mm       depth     90 mm       required spacing     • with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions	Basic insulation none Yes screw-type terminals $1x (0.5 4.0 \text{ mm}^2), 2x (0.5 2.5 \text{ mm}^2)$ $1x (0.5 4 \text{ mm}^2), 2x (0.5 1.5 \text{ mm}^2)$ 1x (20 12), 2x (20 14) 1x (20 12), 2x (20 14) $0.5 4 \text{ mm}^2$ $0.5 4 \text{ mm}^2$ 20 12 20 14 0.6 0.8  N·m
width     22.5 mm       depth     90 mm       required spacing     • with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 12         20 12         3
width     22.5 mm       depth     90 mm       required spacing     • with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 <u>Connections/ Terminals</u> product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 12         20 12         any
depth     90 mm       required spacing     90 mm       • with side-by-side mounting     90 mm	protection class IP on the front according to IEC         60529         type of insulation         category according to EN 954-1         Connections/ Terminals         product component removable terminal for auxiliary and control circuit         type of electrical connection for auxiliary and control circuit         type of connectable conductor cross-sections         • solid         • finely stranded with core end processing         • at AWG cables solid         • at AWG cables stranded         connectable conductor cross-section         • solid         • finely stranded with core end processing         AWG number as coded connectable conductor cross section         • solid         • stranded         tightening torque         design of the thread of the connection screw         Installation/ mounting/ dimensions         mounting position         fastening method	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 12         20 14         0.6 0.8 N·m         M3
with side-by-side mounting	protection class IP on the front according to IEC         60529         type of insulation         category according to EN 954-1         Connections/ Terminals         product component removable terminal for auxiliary and control circuit         type of electrical connection for auxiliary and control circuit         type of connectable conductor cross-sections         • solid         • finely stranded with core end processing         • at AWG cables solid         • at AWG cables stranded         connectable conductor cross-section         • solid         • finely stranded with core end processing         • at AWG cables stranded         connectable conductor cross-section         • solid         • finely stranded with core end processing         AWG number as coded connectable conductor cross section         • solid         • stranded         tightening torque         design of the thread of the connection screw         Installation/ mounting/ dimensions         mounting position         fastening method         height	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.6 0.8 N·m         M3         any         screw and snap-on mounting onto 35 mm DIN rail         100 mm
with side-by-side mounting	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 14         0.6 0.8 N·m         M3         any         screw and snap-on mounting onto 35 mm DIN rail         100 mm         22.5 mm
	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 14         0.6 0.8 N·m         M3         any         screw and snap-on mounting onto 35 mm DIN rail         100 mm         22.5 mm
	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 4 mm²         20 12         20 14         0.6 0.8 N·m         M3         any         screw and snap-on mounting onto 35 mm DIN rail         100 mm         22.5 mm
	protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid • at AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	Basic insulation none         Yes         screw-type terminals         1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)         1x (0.5 4 mm²), 2x (0.5 1.5 mm²)         1x (20 12), 2x (20 14)         1x (20 12), 2x (20 14)         0.5 4 mm²         0.5 10         0.7 12         20 12         20 12         20 12         20 12         20 12         20 12         20 12         0.8 N·m         M3         any         screw and snap-on mounting onto 35 mm DIN rail         100 mm         22.5 mm         90 mm

<ul> <li>backwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> </ul>		0 mm 0 mm 0 mm 0 mm		
<ul> <li>for grounded parts <ul> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> </ul> </li> <li>for live parts</li> </ul>		0 mm 0 mm 0 mm 0 mm 0 mm		
— forwards — backwards — upwards — downwards		0 mm 0 mm 0 mm 0 mm		
— at the side		0 mm		
Ambient conditions installation altitude at height above sea		2 000 m	_	
ambient temperature • during operation • during storage • during transport relative humidity during operation Certificates/ approvals	nevermaxinum	-25 +60 °C -40 +85 °C -40 +85 °C 10 95 %		
General Product Approval				EMC
General Product Approval				LINC
	Confirmation		EHC	RCM
Declaration of Conformity	Test Certificate	es Marine / Shipping		
Declaration of Conformity <b>CE</b> EG-Konf.	Test Certificato	fic-	Llovd's Kegister Lits	PRS
CE UK EG-Konf.	Type Test Certi	fic- ort BUREAU VERITAS	Hoyd's Register us	PRS
CE UK	Type Test Certi	fic- ort	Llovd's Kegister urs	PRS
CE       CE         Barine / Shipping         Image: Comparison of the second	Type Test Certi ates/Test Repo	fic- ort UREAU VERITAS Other Confirmation	Urs	PRS
EG-Konf.       UK         Marine / Shipping         Image: Shipping         Im	Type Test Certi ates/Test Repo	fic- ort other Confirmation	LIRS	PRS
EG-Konf.       UK         Marine / Shipping         Image: Shipping         Im	Type Test Certi ates/Test Repo	fic- ort       Image: Confirmation         other       Confirmation         Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation		PRS
EG-Konf.       UK         Marine / Shipping         Image: Shipping         Im	Type Test Certi ates/Test Report intervention of the second secon	fic- ort       Image: Constraint of the second	<u>+0-1BB30</u>	





11/21/2022 🖸

1/4/2023