## SIEMENS

## Data sheet

## 3RP2535-2AW30



Timing relay, OFF delay with control signal 1 change-over contact, 15 time ranges 0.05 s...100 h 12-240 V DC, Wide voltage range at 50/60 Hz AC with LED, Spring-type terminal (push-in)

product brand name	SIRIUS
product designation	timing relay
design of the product	OFF delay with control signal
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 s 100 h
relative setting accuracy relating to full-scale value	5 %; +/-
thermal current	5 A
minimum ON period	35 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	12 240 V
• at 60 Hz	12 240 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1	
• at DC	12 240 V
operating range factor control supply voltage rated value at DC	

<ul> <li>initial value</li> </ul>	0.8
<ul> <li>full-scale value</li> </ul>	1.1
operating range factor control supply voltage rated	
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>	0.8
<ul> <li>full-scale value</li> </ul>	1.1
inrush current peak	
• at 24 V	0.4 A
• at 240 V	5 A
duration of inrush current peak	
• at 24 V	0.3 ms
• at 240 V	0.5 ms
Switching Function	
switching function	
• ON-delay	No
ON-delay/instantaneous contact	No
passing make contact	No
<ul> <li>passing make contact/instantaneous contact</li> </ul>	No
OFF delay	No
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	
<ul> <li>flashing symmetrically with pulse start</li> </ul>	No
<ul> <li>flashing asymmetrically with interval start</li> </ul>	No
<ul> <li>flashing asymmetrically with pulse start</li> </ul>	No
switching function	
<ul> <li>star-delta circuit with delay time</li> </ul>	No
star-delta circuit	No
switching function with control signal	
<ul> <li>additive ON-delay</li> </ul>	No
<ul> <li>passing break contact</li> </ul>	No
<ul> <li>passing break contact/instantaneous</li> </ul>	No
• OFF delay	Yes
OFF delay/instantaneous	No
• pulse delayed	No
pulse delayed/instantaneous	No
• pulse-shaping	No
pulse-shaping/instantaneous	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay/instantaneous	No
<ul> <li>passing make contact</li> </ul>	No
<ul> <li>passing make contact/instantaneous contact</li> </ul>	No
switching function of interval relay with control signal	
<ul> <li>retrotriggerable with deactivated control</li> </ul>	No
signal/instantaneous contact	
<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
design of the control terminal non-floating	Yes
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 4 A
Auxiliary circuit	
material of switching contacts	AgSnO2
number of NC contacts	
<ul> <li>delayed switching</li> </ul>	0

Instantaneous contacts     Idaysed switching     Idaysed swit		
<ul> <li>elicity of witching</li> <li>elicity of voltable</li> <li>elicity of voltable&lt;</li></ul>	<ul> <li>instantaneous contact</li> </ul>	0
• instantaneous contract         0           • idelayed switching         1           • instantaneous contract         0           • att 24 V         3 A           • att 250 V         3 A           • att 250 V         0 A           • att be reliability of auxiliary contects         800 1/h           • context reliability of auxiliary contects         No           • att be reliability of auxiliary contects         No           • att be reliability of auxiliary contects         No           • att be reliable of auxiliary contects         No           • att be reliable of auxiliary contects         No           • att be contects         Pointerference         A           • att be contects         Pointerference	number of NO contacts	
number of CO contactsImage of the selection of th	<ul> <li>delayed switching</li> </ul>	0
<ul> <li>- delayed switching</li> <li>- delayed switching operational current of auxiliary contacts at DC-13</li> <li>- delayed switching operational current of auxiliary contacts at DC-13</li> <li>- delayed switching operation during of auxiliary contacts at DC-13</li> <li>- delayed switching operation during operation of 100 million switching operations (17</li> <li>- delayed switching operation of 100 million switching operations (17</li> <li>- delayed switching operation of 100 million switching operations (17</li> <li>- delayed switching capacity current with inductive load</li> <li>- and the switching capacity current with inductive load</li> <li>- and the reference seconding to UE 0 61812-1</li> <li>- convidatie</li> <li>- non-vidatie</li> <li>- non-vidatie</li> <li>- delayed switchioer delayed/without delayed switching to UE 0 61812-1</li> <li>- conducted inference seconding to UE 0 61812-1</li> <li>- conducted inference seconding to UE 0 61812-1</li> <li>- delayed schedure switching to UE 0 61812-1</li> <li>- delayed schedure subje according to UE 0 61802-4</li> <li>- eta vidatie</li> <li>- delayed schedure subje according to UE 0 61802-4</li> <li>- eta vidatie</li> <li>- delayed schedure subje according to UE 0 61000-4.2</li> <li>- eta vidatie</li> <li>- eta vidatie discharge 2 8 kV air discharge</li> </ul> <li>- delayes conductor consultage according to UE 0 61000-4.2</li> <li>- eta vidatie conductor consultage according to UE 0 61000-4.2</li> <ul> <li>- kV contact discharge 2 8 kV air</li></ul>	<ul> <li>instantaneous contact</li> </ul>	0
<ul> <li>enstantianeous contact:</li> <li>0</li> <li>originational current of auxiliary contacts at AC-15</li> <li>at 24 V</li> <li>at 25 V</li> <li>at 26 V</li> <li>at 27 V</li> <li>at 26 V</li> <li>at 27 V</li> <li>at 20 V</li> <li>at 2</li></ul>	number of CO contacts	
operational current of auxiliary contacts at AC-15         3 A           • at 250 V         3 A           • at 250 V         0 A           • at 250 V         0.1 A           • at 250 V         0.1 A           • at 250 V         0.1 A           operational current of auxiliary contacts at DC-13         0.2 A           • at 250 V         0.1 A           operating frequency with 3RT2 contactor maximum         one incorrect switching operation of 100 million switching operations (17           v, 5 mA         0.01 3 A           outsout reliably of auxiliary contacts according to UL         R300 / 8300           witching capacity current with inductive load         0.01 3 A           outsout file subcording to IEC 61812-1         ambience A (industrial sector)           EMC-emitted interference according to IEC 61812-1         corresponds to degree of seventy 3           conducto-instratise according to IEC 61802-4         2 kV network connection / 1 kV control connection           • due to build according to IEC 61802-4         2 kV vectord discharge           • due to conductor-conductor surge according to IEC         1 kV           • due to conductor-conductor surge according to IEC         1 kV contact discharge           etacts conductor-conductor surge according to IEC         1 kV contact discharge           etacts conductor co	<ul> <li>delayed switching</li> </ul>	1
operational current of auxiliary contacts at AC-15         3 A           • at 250 V         3 A           • at 250 V         0 A           • at 250 V         0.1 A           • at 250 V         0.1 A           • at 250 V         0.1 A           operational current of auxiliary contacts at DC-13         0.2 A           • at 250 V         0.1 A           operating frequency with 3RT2 contactor maximum         one incorrect switching operation of 100 million switching operations (17           v, 5 mA         0.01 3 A           outsout reliably of auxiliary contacts according to UL         R300 / 8300           witching capacity current with inductive load         0.01 3 A           outsout file subcording to IEC 61812-1         ambience A (industrial sector)           EMC-emitted interference according to IEC 61812-1         corresponds to degree of seventy 3           conducto-instratise according to IEC 61802-4         2 kV network connection / 1 kV control connection           • due to build according to IEC 61802-4         2 kV vectord discharge           • due to conductor-conductor surge according to IEC         1 kV           • due to conductor-conductor surge according to IEC         1 kV contact discharge           etacts conductor-conductor surge according to IEC         1 kV contact discharge           etacts conductor co	, .	0
a) 2.4 V       3.A         operational current of auxiliary contacts at DC-13       1.A         a) 2.4 V       1.A         a) 2.4 V       0.2 A         a) 2.5 V       0.2 A         b) 2.5 V       0.2 A         c) 2.5 V       0.1 A		
<ul> <li>a. 250 V</li> <li>a. 3 A</li> <li>operational current of auxiliary contacts at DC-13</li> <li>a. 125 V</li> <li>a. 125 V</li> <li>a. 250 V</li> <li>c. 125 V</li> <li>operating frequency with 3RT2 contactor maximum core incorrect switching operation of 100 million switching operations (17 V, 5 mA)</li> <li>contact rating of auxiliary contacts according to UL switching capacity current with inductive load</li> <li>Dotation table outputs switchover delayed/without delay</li> <li>operating frequency with a for 2 C 100 - 21</li> <li>show contact rating of auxiliary contacts according to UL switching capacity current with inductive load</li> <li>operating frequency auxiliary contacts according to UL R300 (auxiliary contacts according to UL R300 (b) 6300</li> <li>show contact frequency auxiliary contacts according to UL R300 (b) 6300</li> <li>show contact frequency according to IEC 61812-1</li> <li>EMC emitted interference according to IEC 61812-1</li> <li>Conducted interference according to IEC 6100-4-4</li> <li>due to bust according to IEC 6100-4-4</li> <li>due to bust according to IEC 61000-4-4</li> <li>due to conductor-aeth surge according to IEC 61000-4-2</li> <li>due to bust according to IEC 61000-4-2</li> <li>due to conductor auxiliary and control circual substance / Inducting to IEC 6100-4-2</li> <li>due to based to frequency to IEC 61000-4-2</li> <li>two encloses P on the front according to IEC 6100-4-2</li> <li>type of neutable for maxiliary and control circual substance / Inducting to IEC 6100-4-2</li> <li>type of connectable conductor cross-sections</li> <li>solid</li> <li>tar.WG colles standed</li> <litar.wg colles="" li="" standed<=""> <li>tar.WG</li></litar.wg></ul>		3 Δ
operating frequency with 3RT2 contacts at DC-13         A           at 250 V         0.2 A           operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts         5000 1/h           contact reliability of auxiliary contacts according to UL switching capacity current with inductive load         0.01 3 A           Impute Contact reliability of auxiliary contacts according to UL art the reliay outputs switchover delayed/without delay         No           Figure Compatibility         No           Electromagnetic compatibility         ambience A (industrial sector) corresponds to degree of seventy 3           - output de Interference according to IEC 61812-1 EMC emitted interference according to IEC 61800-4-3         1 KV           - due to conductor-earth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor-anth surge according to IEC 61000-4-5         1 KV           - due to conductor contactor surge according to IEC 61000-4-5         1 KV           - due to conductor contactor surge accor		
at 24 V       1 A         at 25 V       0.1 A         operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts       5000 1/h         contact reliability of auxiliary contacts       5000 1/h         contact reliability of auxiliary contacts       6000 / 8300         protect function       7, 5 mA         protect function       7, 6 mA         or lab reliable outputs       8000 / 8300         protect function       8         or at the reliable outputs switchover delayed/without evolution       No         or atter reliably contrast according to IEC 6 1812-1       Conducted interference         Conducted interference       4 W network connection / 1 kV control connection         - due to brand according to IEC 6 1812-1       corresponds to degree of sevenity 3         Conducted interference       2 W network contact in control connection         - due to conductor-search surge according to IEC 6 1800-4.4       4 W contact discharge / 8 KV air discharge         Safety related data       10 V/m         protection class IP on the front according to IEC 6 1800-4.2       1V Contact discharge / 8 kV air discharge         Safety related data       05 4 mm²         protection class IP on the front according to IEC 6 1802-1       10 V/m         sindi       0.5 4 mm²		37
• ait 125 V     0.2 A       • ait 25 V     0.1 A       operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts according to UL witching capacity current with inductive load     5000 1/h       contact rating of auxiliary contacts according to UL witching capacity current with inductive load     R300 / 8300       Product function     R300 / 8300       • at the relay outputs switchover delayed/without delay     No       • onn-volatile     No       • Conductor and the freence according to IEC 61812-1 EMC immuthy according to IEC 61812-1 EMC immuthy according to IEC 61812-1 edu to burst according to IEC 61800-4-3 vidue to conductor-earth surge according to IEC 61000-4-5     amblence A (industrial sector) corresponds to degree of seventy 3       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-anth surge according to IEC 61000-4-5     1 kV       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV       • fold-based Interference     1 kV       protoct functor     9 kV contact discharge / 8 kV air discharge       • due to conductor-conductor surge according to IEC 61000-4-5     1 kV <tr< td=""><td></td><td></td></tr<>		
<ul> <li>i. 250 V</li> <li>operating frequency with 3RT2 contactor maximum contact reliability of auxiliary contacts</li> <li>contact rating of auxiliary contacts</li> <li>non-voltabile</li> <li>No</li> <li>contact rating of auxiliary contacts</li> <li>conversion of the former according to IEC 61812-1</li> <li>contact rating of according to IEC 61802-4.3</li> <li>due to conductor-actinuctor surge according to IEC 61802-4.3</li> <li>due to conductor-actinuctor surge according to IEC 61802-4.3</li> <li>field-based interference according to IEC 61802-4.3</li> <li>field-based interference according to IEC 61802-4.3</li> <li>field based interference according to IEC 61802-4.3</li></ul>		
operating 'requency with 3RT2 contactor maximum contact reliability of auxiliary contacts according to UL witching capacity current with inductive load5 000 1/h one incorrect switching operation of 100 million switching operations (17 V, 5 mA)contact rating of auxiliary contacts according to UL switching capacity current with inductive loadR800 / 5000induction envolvableNoproduct function envolvableNoEncorrent according to IEC 61812-1 conduction path interference according to IEC 61812-1 conduction path interference according to IEC 61812-1 conduction path interference according to IEC 61812-1 conducted interference according to IEC 61812-1 conducted interference according to IEC 61812-1 conducted interference according to IEC 6100-4.3 edue to conductor-anth surge according to IEC 6100-4.3 edue to conductor or acting to IEC 6100-4.3 edue to conductor according to IEC 6100-4.3 edue to conductor acting t		
contact reliability of auxiliary contacts     ore incorrect switching operation of 100 million switching operations (17 V, 5 mA)       contact rating of auxiliary contacts according to UL switching capacity current with inductive load     0.01 3 A       Inputs/ Outputs     0.01 3 A       Inputs/ Outputs     No       etcoronage/dc compatibility     No       ENC emitted interference according to IEC 61812-1 ENC emitted interference     amblence A (industrial sector) corresponds to degree of severity 3       conducted interference     4 w to burst according to IEC 61802-4 e due to conductor-earts using according to IEC 61000-4.5     1 kV       edue to conductor-earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor-earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor-earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor-earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor-earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor earts using a ccording to IEC 6100-4.2     1 kV       edue to conductor earts using a ccording to IEC 61000-4.5     1 kV       edue to conductor earts eaccording to IEC 61000-4.5     1 kV       edue to conductor earts eaccording to IEC 61000-4.5     1 kV       edue to conductor earts eaccording to IEC 61000-4.5     1 kV       edue to conductor earts eaccording to IEC 61000-4.5     1 kV       edue to conductor earts eac		
V. 5 mA)     V. 5 mA)       switching capacity current with inductive load     0.01 3 A       Imputs/ Outputs     Description       • at the relay outputs switchover delayed/without delay     No       • on-volatile     No       • at the relay outputs switchover delayed/without delay     No       • on-volatile     No       • Electromagnetic compatibility     EMC emitted interference according to IEC 61812-1       • due to burst according to IEC 61812-1     corresponds to degree of severity 3       • due to conductor-earth surge according to IEC 61000-4.4     2 kV network connection / 1 kV control connection 2 kV       • due to conductor-earth surge according to IEC 61000-4.2     2 kV       • due to conductor-earth surge 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       Product Component removable terminal for auxiliary and control circuit     ype of ensultation       category according to EX 954-1     none       Connectable conductor cross-sections     9.5 4 mm²       • solid     0.5 4 mm²       • at AVXG cables standed     20 12       • at AVXG cables standed     20 12       • at AVG cables solid     20 12       • at AVG cables solid     0.5 4 mm²       • finely stranded without core end processing <t< td=""><td></td><td></td></t<>		
contact rating of auxiliary contacts according to UL switching capacity current with inductive load         0.013 A           Imputs/ Outputs         0.013 A           product function	contact reliability of auxiliary contacts	
switching capacity current with inductive load         0.01 3 A           Imput: Vortions         Product function           at the relay outputs switchover delayed/without delay         No           e at or relay outputs switchover delayed/without delay         No           e mon-volatile         No           EMC emitted interference according to IEC 61812-1         corresponds to degree of severity 3           conducted interference         2 kV network connection / 1 kV control connection           e due to burst according to IEC 61000-4-4         2 kV           e due to conductor-conductor surge according to IEC 61000-4-2         4 kV control 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 61000-4-2         4 kV contact discharge           Safaty related data         IP20           protection class IP on the front according to IEC 61000-4-2         4 kV contact discharge           safaty related data         IP20           protection class IP on the front according to IEC 61000-4-3         10 V/m           protection class IP on the front according to IEC 61000-4-2         Yes           afold of incut         spring-loaded terminals (push-in)           type of insulation         sasic incut server server secording to IEC 61000-4-2           <		,
Inputs/ Outputs           product function           • at the relay outputs switchover delayed/without delay         No           • non-volatile         No           Electromagnetic compatibility         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 6100-4-4         2 kV network connection / 1 kV control connection           • due to conductor-earth surge according to IEC 61000-4-3         1 kV         1 kV           field-based interference according to IEC 61000-4-2         4 kV contact discharge / 8 kV air discharge           Safety related data         10 V/m           protection class IP on the front according to IEC 61000-4-2         4 kV contact discharge / 8 kV air discharge           Safety related data         1920           protection class IP on the front according to IEC 61000-4-2         10 V/m           electrostatic discharge according to IEC 61000-4-2         10 V/m           protection class IP on the front according to IEC 61000-4-2         10 V/m           geneticms         solid         0.5 4 mm²           rotoctor class IP on the front according to auxiliary and control circuit         spring-loaded terminals (push-in)           type of insulation         concrectable conductor cross-section         0.5		
product function         • at the relay outputs switchover delayed/without delay         No           • at the relay outputs switchover delayed/without delay         No           • onn-volatile         No           EMC emitted interference according to IEC 61812-1 ENC immunity 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 • due to conductor-earth surge according to IEC 61000-4-5         2 kV network connection / 1 kV control connection 2 kV network connection / 1 kV           • due to conductor-conductor surge according to IEC 61000-4-5         1 kV           • due to conductor-conductor surge according to IEC 61000-4-3 10 V/m         1 kV           • due to conductor-conductor surge according to IEC 61000-4-3 0 V/m         1 kV           • due to conductor-conductor surge according to IEC 61000-4-3 0 V/m         1 kV           • due to conductor-conductor surge according to IEC 61000-4-3 0 V/m         1 kV           • due to conductor-conductor to the C 61000-4-3 0 V/m         1 kV           • due to conductor-conductor to the C 6100-4-3 0 V/m         1 kV           • due to the forth according to IEC 61000-4-3 0 V/m         1 kV           • due to conductor-conductor cross-section • solid         0 S 4 mm <sup>2</sup> • solid         0.5 4 mm <sup>2</sup> • at AVXC cables stranded         20	switching capacity current with inductive load	0.01 3 A
• at the relay outputs switchover delayed/without delay     No       • non-volatile     No       Electromagnetic compatibility     EMC emitted interference according to IEC 61812-1 corresponds to degree of sevenity 3       • due to burst according to IEC 6100-4-4 • due to conductor-earth surge according to IEC 6100-4-4 • due to conductor-anth surge according to IEC 61000-4-3     2 kV network connection / 1 kV control connection       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • deto to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • deto to class IP on the front according to IEC 61000-4-3     10 V/m       • due to conductor construction to according to IEC 61000-4-3     10 V/m       • due to conductor construction to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-3     10 V/m       • protect conductor according to IEC 61000-4-3     10 V/m       • gatery criated data     Protect conductor class IP on the front according to IEC 61000-4-3       • protect component removable terminal for auxiliary     Yes       • adoutrol circuit     spring-loaded terminals (push-in)       type of electral connectable conductor cross-sections     0.5 4 mm <sup>2</sup> • solid     0.5 2.5 mm <sup>2</sup> • finely strand	Inputs/ Outputs	
delay     No       Electromagnetic compatibility     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     4 ket 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       • 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       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-3     10 V/m       • protection class IP on the front according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-2     4 kV contact discharge / 8 kV air discharge       Safety related data     Fordit component removable terminal for auxiliary and control circuit       type of insulation     sasin sublaton       connec	product function	
delay     No       Electromagnetic compatibility     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     4 ket 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       • 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       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • due to conductor-conductor surge according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-3     10 V/m       • protection class IP on the front according to IEC 61000-4-3     10 V/m       • field-based interference according to IEC 61000-4-2     4 kV contact discharge / 8 kV air discharge       Safety related data     Fordit component removable terminal for auxiliary and control circuit       type of insulation     sasin sublaton       connec	<ul> <li>at the relay outputs switchover delayed/without</li> </ul>	No
Electromagnetic compatibility           EMC emitted interference according to IEC 61812-1 EMC immunity according to IEC 61812-1 contracted interference         ambience A (industrial sector) corresponds to degree of severity 3           • due to burst according to IEC 6100-4-4 • due to conductor-earth surge according to IEC 61000-4-5         2 kV 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         10 V/m           • due to conductor-conductor surge according to IEC 61000-4-5         10 V/m           • due to conductor-conductor surge according to IEC 61000-4-5         10 V/m           • due to conductor-conductor surge according to IEC 61000-4-5         10 V/m           • detrot discharge according to IEC 61000-4-2         10 V/m           • detrot discharge according to IEC 61000-4-2         10 V/m           • detrot olcas IP on the front according to IEC 60529         10 V/m           • detrot olcauti         type of insulation category according to EN 954-1         none           • one         0         5 4 mm <sup>2</sup> spring-loaded terminals (push-in)           type of electrical connection for auxiliary and control circuit         spring-loaded terminals (push-in)         type of electrical connector for auxiliary and control circuit         spring-loaded terminals (push-in)           type of electrical		
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-conductor surge according to IEC 61000-4-5       • lue to conductor-conductor surge according to IEC 61000-4-3       10 V/m         electrostatic discharge according to IEC 61000-4-2       1 kV       10 V/m         electrostatic discharge according to IEC 61000-4-2       10 V/m         sping-tolated data       10 V/m         protection class IP on the front according to IEC 61000-4-2       1920         field-based interference       1920         gasic insulation       none         connections Connection for auxiliary and control circuit       sping-loaded terminals (push-in)         type of electrical connector for s	non-volatile	No
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         e. due to conductor-earth surge according to IEC 61000-4-5       2 kV         e. due to conductor-conductor surge according to IEC 61000-4-3       10 V/m         eldeto interference according to IEC 61000-4-3       10 V/m         electorstatic discharge according to IEC 61000-4-3       10 V/m         genetrostatic discharge according to IEC 61000-4-3       10 V/m         electorstatic 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 61000-4-2       4 kV contact discharge / 8 kV air discharge         solid       0.5 4 mm <sup>2</sup> yes         of electrical connectable conductor cross-section       0.5 4 mm <sup>2</sup> e at AWG cables stranded	Electromagnetic compatibility	
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         e. due to conductor-earth surge according to IEC 61000-4-5       2 kV         e. due to conductor-conductor surge according to IEC 61000-4-3       10 V/m         eldeto interference according to IEC 61000-4-3       10 V/m         electorstatic discharge according to IEC 61000-4-3       10 V/m         genetrostatic discharge according to IEC 61000-4-3       10 V/m         electorstatic 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 61000-4-2       4 kV contact discharge / 8 kV air discharge         solid       0.5 4 mm <sup>2</sup> yes         of electrical connectable conductor cross-section       0.5 4 mm <sup>2</sup> e at AWG cables stranded	EMC emitted interference according to IEC 61812-1	ambience A (industrial sector)
conducted interference       2 kV network connection / 1 kV control connection         • Use to burst according to IEC 61000-4-4       2 kV         • Use to conductor-earth surge according to IEC 61000-4-5       1 kV         • Use to conductor-conductor surge according to IEC 61000-4-3       10 V/m         • electrostatic discharge according to IEC 61000-4-2       1 kV         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         Safoty related data       IP20         protection class IP on the front according to IEC 61000 - 4-2       IP20         fold       Basic insulation         category according to EN 954-1       none         Connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary		
• due to conductor-earth surge according to IEC       2 kV         • 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 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       IP20         protection class IP on the front according to IEC 61000 4-2       IP20         60529       type of insulation         category according to EN 954-1       none         connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       Yes         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • at AWG cables solid       20 12         • at AWG cables stranded       20 12         • at AWG cables stranded       20 12         • at AWG cables one di processing       0.5 4 mm²         • solid       0.5 4 mm²      <		
• due to conductor-earth surge according to IEC       2 kV         • 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 61000-4-2       4 kV contact discharge / 8 kV air discharge         Safety related data       IP20         protection class IP on the front according to IEC 61000 4-2       IP20         60529       type of insulation         category according to EN 954-1       none         connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       Yes         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • at AWG cables solid       20 12         • at AWG cables stranded       20 12         • at AWG cables stranded       20 12         • at AWG cables one di processing       0.5 4 mm²         • solid       0.5 4 mm²      <	<ul> <li>due to burst according to IEC 61000-4-4</li> </ul>	2 kV network connection / 1 kV control connection
61000-4-5       interference according to IEC 61000-4-3       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       4 kV contact discharge / 8 kV air discharge         Safety related data       protection class IP on the front according to IEC 60529         type of insulation category according to EN 954-1       IP20         connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connecton for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connecton for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical conductor cross-sections       0.5 4 mm <sup>2</sup> of inely stranded with core end processing       0.5 4 mm <sup>2</sup> at AWG cables solid       0.5 4 mm <sup>2</sup> of inely stranded with core end processing       0.5 2.5 mm <sup>2</sup> of inely stranded without core end processing       0.5 2.5 mm <sup>2</sup> of inely stranded without core end processing       0.5 4 mm <sup>2</sup> sind       0.5 4 mm <sup>2</sup> of inely stranded without core end processing       0.5 4 mm <sup>2</sup> <td>-</td> <td></td>	-	
61000-4-5       61000-4-3       10 V/m         electrostitic 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 60529         type of insulation       Basic insulation         category according to EN 954-1       none         Connections/ Terminals       Yes         product component removable terminal for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of electrical connectable conductor cross-sections       0.5 4 mm <sup>2</sup> oslid       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> otild       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> e finely stranded with core end processing       0.5 4 mm <sup>2</sup> e finely stranded without core end processing       0.5 4 mm <sup>2</sup> e finely stranded without core end processing       0.5 4 mm <sup>2</sup>		
61000-4-5     61000-4-3     10 V/m       field-based interference according to IEC 61000-4-2     4 kV contact discharge / 8 kV air discharge       Safety related data     IP20       protection class IP on the front according to IEC 61000.4-2     IP20       g6529     type of insulation category according to EN 954-1     none       Connections/ Terminals     product component removable terminal for auxiliary and control circuit     spring-loaded terminals (push-in)       type of electrical connection for auxiliary and control circuit     spring-loaded terminals (push-in)       type of electrical connectable conductor cross-sections     0.5 4 mm²       • solid     0.5 4 mm²       • finely stranded with core end processing     0.5 4 mm²       • at AWG cables solid     20 12       • at AWG cables 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       • finely stranded with core end processing     0.5 4 mm²       • sind     0.5 4 mm²       • sind     0.5 4 mm²       • sinded     20 12       • stranded without core end processing     0.5 4 mm²       • sinded     20 12       • stranded     20 12       • stranded	<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         IP20           protection class IP on the front according to IEC 60529         IP20           type of insulation category according to EN 954-1         IP20           Connections/Terminals         Yes           product component removable terminal for auxiliary and control circuit type of electrical connectable conductor cross-sections         Yes           • solid         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • at AWG cables solid         20 12           • solid         0.5 4 mm²           • solid         0.5 4 mm²           • solid         0.5 4 mm²           • at AWG cables solid         20 12           • at AWG cables solid         0.5 4 mm²           • solid         0.5 4 mm²		
Safety related data       IP20         protection class IP on the front according to IEC       IP20         60529       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       spring-loaded terminals (push-in)         type of connectable conductor cross-sections       • solid         • finely stranded with core end processing       0.5 4 mm²         • finely stranded without core end processing       0.5 4 mm²         • at AWG cables solid       20 12         • at AWG cables stranded       20 12         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • solid       20 12         • stranded       20 12         Installation mounting/ dimensions	field-based interference according to IEC 61000-4-3	10 V/m
protection class IP on the front according to IEC         IP20           60529         type of insulation         Basic 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         spring-loaded terminals (push-in)           type of electrical connectable conductor cross-sections         0.5 4 mm²           • solid         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • at AWG cables solid         20 12           • at AWG cables stranded         20 12           • at AWG cables stranded         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • at AWG cables stranded         20 12           connectable conductor cross-section         • solid           • finely stranded with out core end processing         0.5 4 mm²           • finely stranded with out core end processing         0.5 4 mm²           • solid         0.2 12           • stranded         20 12           • s	electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
60529         Easic insulation           type of insulation         none           connections/ Terminals         Yes           product component removable terminal for auxiliary and control circuit         spring-loaded terminals (push-in)           type of electrical connection for auxiliary and control circuit         spring-loaded terminals (push-in)           type of electrical connectable conductor cross-sections         spring-loaded terminals (push-in)           • solid         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • at AWG cables solid         20 12           • at AWG cables stranded         20 12           • at AWG cables stranded         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • at AWG cables stranded         20 12           connectable conductor cross-section            • solid         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • solid         0.5 2.5 mm <sup>2</sup> • solid         20 12           • stranded         20 12           • stranded         20 12           • stranded         20 12           • stranded	Safety related data	
60529         Easic insulation           type of insulation         none           connections/ Terminals         Yes           product component removable terminal for auxiliary and control circuit         spring-loaded terminals (push-in)           type of electrical connection for auxiliary and control circuit         spring-loaded terminals (push-in)           type of electrical connectable conductor cross-sections         spring-loaded terminals (push-in)           • solid         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • at AWG cables solid         20 12           • at AWG cables stranded         20 12           • at AWG cables stranded         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • at AWG cables stranded         20 12           connectable conductor cross-section            • solid         0.5 4 mm <sup>2</sup> • finely stranded with core end processing         0.5 2.5 mm <sup>2</sup> • solid         0.5 2.5 mm <sup>2</sup> • solid         20 12           • stranded         20 12           • stranded         20 12           • stranded         20 12           • stranded	protection class IP on the front according to IEC	IP20
category according to EN 954-1noneConnections/ TerminalsYesproduct component removable terminal for auxiliary and control circuitYestype of electrical connectable conductor cross-sectionsspring-loaded terminals (push-in)• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• at AWG cables stranded20 12connectable conductor cross-section0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• at AWG cables stranded20 12connectable conductor cross-section0.5 4 mm²• solid0.5 4 mm²• solid20 12Installation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		
Connections/ Terminals         product component removable terminal for auxiliary and control circuit       Yes         type of electrical connection for auxiliary and control circuit       spring-loaded terminals (push-in)         type of connectable conductor cross-sections       spring-loaded terminals (push-in)         • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • finely stranded without core end processing       0.5 4 mm²         • at AWG cables solid       20 12         • at AWG cables stranded       20 12         connectable conductor cross-section          • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • at AWG cables stranded       20 12         connectable conductor cross-section          • solid       0.5 4 mm²         • finely stranded with core end processing       0.5 4 mm²         • solid       0.5 2.5 mm²         • stranded       20 12         AWG number as coded connectable conductor cross section          • solid       20 12         • stranded       20 12         Installation/ mounting/ dimensions       any         mounting position <td>type of insulation</td> <td>Basic insulation</td>	type of insulation	Basic insulation
product component removable terminal for auxiliary and control circuitYestype of electrical connection for auxiliary and control circuitspring-loaded terminals (push-in)type of connectable conductor cross-sections.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables stranded20 12• at AWG cables stranded20 12connectable conductor cross-section.5 4 mm²• solid0.5 4 mm²• at AWG cables stranded20 12connectable conductor cross-section.5 4 mm²• solid0.5 4 mm²• solid20 12• solid20 12• stranded without core end processing0.5 4 mm²• solid20 12• solid20 12• stranded20 12• stranded20 12Installation/ mounting/ dimensionsanymounting position fastening method heightanyscrew and snap-on mounting onto 35 mm DIN railheight width17.5 mm	category according to EN 954-1	none
and control circuitspring-loaded terminals (push-in)type of electrical connection for auxiliary and control circuitspring-loaded terminals (push-in)type of connectable conductor cross-sections.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded without core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables stranded20 12• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• solid20 12• stranded20 12• stranded20 12• stranded20 12• stranded20 12mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm	Connections/ Terminals	
type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sectionsspring-loaded terminals (push-in)• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables stranded0.5 4 mm²• solid0.5 4 mm²• at AWG cables stranded20 12connectable conductor cross-section 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• finely stranded without core end processing0.5 4 mm²• finely stranded without core end processing0.5 4 mm²• solid0.5 4 mm²• solid20 12• stranded20 12• stranded20 12• stranded20 12• stranded20 12installation/ mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm	product component removable terminal for auxiliary	Yes
type of connectable conductor cross-sections		
• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables stranded20 12• at AWG cables stranded20 12• 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• finely stranded without core end processing0.5 4 mm²• solid20 12• stranded20 12• stranded20 12Installation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm	type of electrical connection for auxiliary and control circuit	spring-loaded terminals (push-in)
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables solid</li> <li>at AWG cables stranded</li> <li>at AWG aubter as coded connectable conductor cross section         <ul> <li>at a difference</li> <li>at a</li></ul></li></ul>	type of connectable conductor cross-sections	
<ul> <li>finely stranded without core end processing</li> <li>at AWG cables solid</li> <li>at AWG cables stranded</li> <li>at AWG cables stranded with core end processing</li> <li>at Amm<sup>2</sup></li> <li>at at at a stranded without core end processing</li> <li>at a mm<sup>2</sup></li> <li>at a mm<sup>2</sup></li></ul>	• solid	0.5 4 mm²
• finely stranded without core end processing0.5 4 mm²• at AWG cables solid20 12• at AWG cables stranded20 12connectable conductor cross-section0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• finely stranded without core end processing0.5 4 mm²• solid0.5 4 mm²• solid20 12• solid20 12• stranded20 12Installation/ mounting/ dimensions20 12mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm	<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm²
• at AWG cables solid20 12• at AWG cables stranded20 12connectable conductor cross-section0.5 4 mm²• solid0.5 4 mm²• finely stranded with core end processing0.5 4 mm²• finely stranded without core end processing0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid0.5 4 mm²• solid20 12• solid20 12• stranded20 12Installation/ mounting/ dimensions20 12mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		0.5 4 mm²
• at AWG cables stranded20 12connectable conductor cross-section• solid0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 4 mm²• finely stranded without core end processing0.5 4 mm²• solid0.5 4 mm²• solid20 12• solid20 12• stranded20 12Installation/mounting/dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		20 12
<ul> <li>solid</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>0.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section         <ul> <li>solid</li> <li>solid</li> <li>stranded</li> <li>20 12</li> <li>20 12</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DIN rail</li> <li>height</li> <li>100 mm</li> <li>T.5 mm</li> </ul> </li> </ul>	<ul> <li>at AWG cables stranded</li> </ul>	20 12
<ul> <li>solid</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>0.5 4 mm<sup>2</sup></li> <li>AWG number as coded connectable conductor cross section         <ul> <li>solid</li> <li>solid</li> <li>stranded</li> <li>20 12</li> <li>20 12</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>mounting position</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DIN rail</li> <li>height</li> <li>100 mm</li> <li>T.5 mm</li> </ul> </li> </ul>		
<ul> <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>AWG number as coded connectable conductor cross section         <ul> <li>solid</li> <li>stranded</li> <li>20 12</li> <li>stranded</li> <li>20 12</li> </ul> </li> <li>Installation/ mounting/ dimensions         <ul> <li>any</li> <li>fastening method</li> <li>screw and snap-on mounting onto 35 mm DIN rail</li> <li>height</li> <li>100 mm</li> <li>T.5 mm</li> </ul> </li> </ul>		0.5 4 mm²
<ul> <li>finely stranded without core end processing</li> <li>AWG number as coded connectable conductor cross section</li> <li>solid</li> <li>solid</li> <li>stranded</li> <li>20 12</li> <li>20 12</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>17.5 mm</li> </ul>		
AWG number as coded connectable conductor cross section		
section20 12• solid20 12• stranded20 12Installation/mounting/ dimensionsanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		
<ul> <li>solid</li> <li>stranded</li> <li>20 12</li> <li>20 12</li> <li>Installation/ mounting/ dimensions</li> <li>mounting position</li> <li>fastening method</li> <li>height</li> <li>width</li> <li>17.5 mm</li> </ul>		
• stranded20 12Installation/ mounting/ dimensionsanymounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		20 12
mounting positionanyfastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm	stranded	20 12
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fastening methodscrew and snap-on mounting onto 35 mm DIN railheight100 mmwidth17.5 mm		any
height100 mmwidth17.5 mm		
width 17.5 mm	-	
	-	

required spacing	1				
<ul> <li>with side-by-side</li> </ul>	de mounting		0		
— forwards	_		0 mm		
— backwards	5		0 mm		
— upwards	le.		0 mm		
— downward			0 mm		
— at the side			0 mm		
<ul> <li>for grounded particular</li> </ul>	ans		0		
— forwards	-		0 mm		
— backward	S		0 mm		
— upwards			0 mm		
— at the side			0 mm		
— downward	IS		0 mm		
<ul> <li>for live parts</li> </ul>					
— forwards			0 mm		
— backward	S		0 mm		
— upwards			0 mm		
- downward			0 mm		
— at the side	9		0 mm		
Ambient conditions					
installation altitude at	height above sea level	l maximum	2 000 m		
ambient temperatur	e				
<ul> <li>during operatio</li> </ul>	n		-25 +60 °C		
<ul> <li>during storage</li> </ul>			-40 +85 °C		
<ul> <li>during transport</li> </ul>	t		-40 +85 °C		
relative humidity duri	ng operation		10 95 %		
Certificates/ approva	ls				
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CE	UK	Test Certifica	ntes Marine / S	Llovd	
C C EG-Konf.	UK	Test Certifica	ettes Marine / S tific- port VERT		E ERCM
C C EG-Konf.	UK	Test Certifica	Ates Marine / S rtific- port VERI		
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C C EG-Konf.	UK	Test Certifica Type Test Cer ates/Test Re	ettes Marine / S tific- port VERT		E ECM
C C EG-Konf.	UK	Test Certifica Type Test Cer ates/Test Re	ettes Marine / S tific- port VERT		
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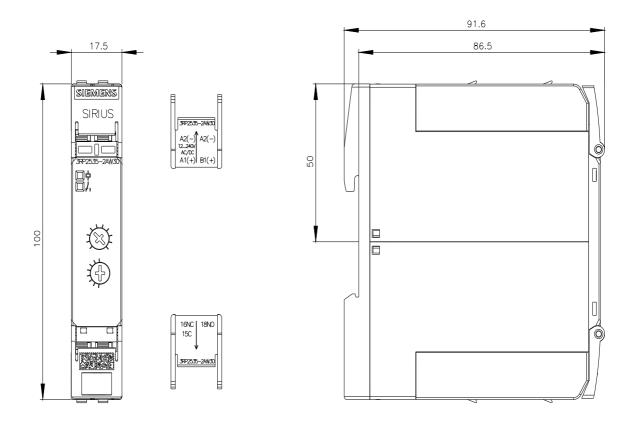
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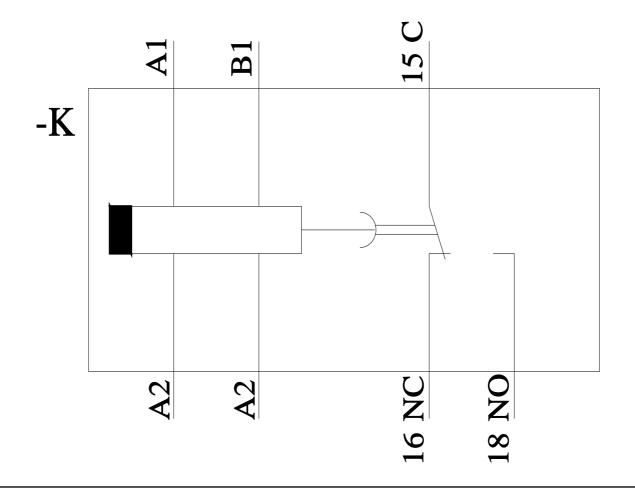
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RP2535-2AW30

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RP2535-2AW30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

## Characteristic: Derating https://support.industry.siemens.com/cs/ww/en/ps/3RP2535-2AW30/manual





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