## **SIEMENS**

Industry Automation and Drive Technologies Service & Support

## **3RU1126-4CB0** OVERLOAD RELAY,17...22 A,

Technical / CAx data

As of 2011-10-30



OVERLOAD RELAY,17...22 A, 1NO+1NC, SIZE S0, CLASS 10, FOR CONTACTOR MOUNTING

General technical details:		
Product brand name		SIRIUS
product designation		thermal overload relay
Protection class IP / on the front		IP20
Insulation voltage / with degree of pollution 3 / rated value	V	690
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
<ul><li>during operating</li></ul>	$\mathcal C$	-2070
<ul><li>during storage</li></ul>	${\cal C}$	-5580
<ul> <li>during transport</li> </ul>	${\cal C}$	-5580
Relative humidity / during operating phase / maximum	%	100
Resistance against shock		8g / 10 ms
Impulse voltage resistance / rated value	kV	6
Active power loss / total / typical	W	6
Item designation		
<ul> <li>according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		F
<ul> <li>according to DIN EN 61346-2</li> </ul>		F
Operating current / of the fuse link / rated value	Α	63
Trip class		CLASS 10
Type of assignement		2
type of protection		DMT 98 ATEX G 001
Size of overload relay		S0
Size of the contactor / can be combined / company- specific		S0

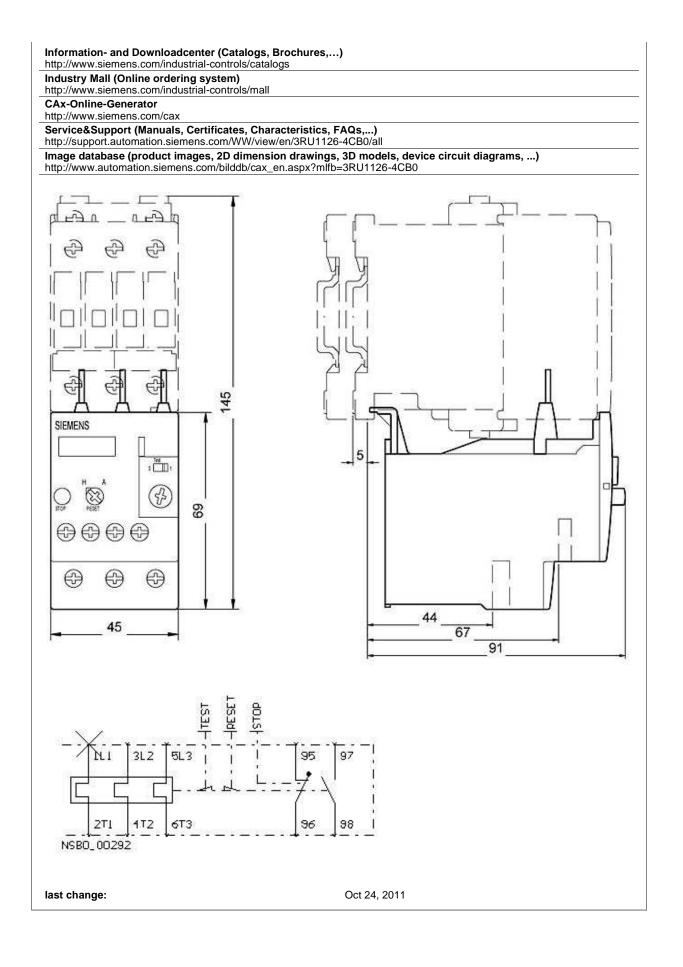
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Protection against electrical shock		finger-safe
Main circuit:		
Number of poles / for main current circuit		3
Operating voltage / at AC-3 / rated value		
maximum	V	690
Service power / at AC-3		
• at 400 V	kW	11
Adjustable response current		
of the current-dependent overload release	Α	1722
<u> </u>		
Auxiliary circuit:		
Contact reliability / of the auxiliary contacts		acceptability for PLC control (17 V, 5 mA)
Number of NC contacts  Number of NO contacts		1 1
Number of NO contacts  Number of change-over switches		0
Operating current / of the auxiliary contacts / at AC-15		
• at 24 V	Α	3
• at 110 V	Α	3
• at 120 V	A	3
• at 120 V	A	3
	A	2
• at 230 V		
• at 400 V	А	1
Operating current / of the auxiliary contacts / at DC-13	^	4
• at 24 V	A	1
• at 110 V	Α	0.22
• at 125 V	Α	0.22
<ul><li>at 220 V</li></ul>	А	0.11
Chart singuit.		
Short-circuit:  Design of the fuse link / for short-circuit protection of the		fuse gL/gG: 6 A, quick: 10 A
auxiliary switch / required		1030 gL/gO. 0 A, quick. 10 A
Installation/mounting/dimensions:		
Installation/mounting/dimensions: Built in orientation		with vertical mounting surface +/-135° rotatable,
		with vertical mounting surface +/-135° rotatable, with vertical mounting surface +/- 45° tiltable to
Built in orientation		with vertical mounting surface +/- 45° tiltable to the front and back
Built in orientation  Type of mounting	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting
Built in orientation  Type of mounting  Height	mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97
Built in orientation  Type of mounting  Height  Width	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45
Built in orientation  Type of mounting  Height		with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97
Built in orientation  Type of mounting Height Width Depth	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly	mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards  • downwards	mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards	mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards	mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • forwards • backwards • sidewards	mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • bidewards  Distance, to be maintained, to earthed part	mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • backwards • sidewards  Distance, to be maintained, to earthed part • upwards	mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards	mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • forwards	mm mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • downwards • backwards	mm mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • downwards • sidewards • downwards • downwards • sidewards • sidewards • sidewards	mm mm mm mm mm mm mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part • upwards • downwards • forwards • downwards • downwards • downwards • sidewards  Distance, to be maintained, conductive elements	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0 0 0 6
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • downwards • sidewards • sidewards • forwards • backwards • backwards • backwards • backwards • backwards • backwards • sidewards  Distance, to be maintained, conductive elements • upwards	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 - 45 - 96 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • downwards • sidewards  Distance, to be maintained, conductive elements • upwards • sidewards  Distance, to be maintained, conductive elements • upwards • downwards	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • downwards • sidewards  Distance, to be maintained, conductive elements • upwards • backwards • sidewards  Distance, to be maintained, conductive elements • upwards • downwards • forwards	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Built in orientation  Type of mounting  Height  Width  Depth  Distance, to be maintained, to the ranks assembly  • upwards • downwards • forwards • backwards • sidewards  Distance, to be maintained, to earthed part  • upwards • downwards • forwards • downwards • sidewards  Distance, to be maintained, conductive elements • upwards • sidewards  Distance, to be maintained, conductive elements • upwards • downwards	mm	with vertical mounting surface +/- 45° tiltable to the front and back direct mounting 97 45 96  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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Product function  Fromovable terminal for auxiliary and control circuit  Design of the electrical connection  For main current circuit  For an auxiliary and control current circuit  Type of the connectable conductor cross-section  For main contacts  Solid  Stranded  Finely stranded  For auxiliary contacts  For auxiliary contact  For auxiliary contac	• sidewards	mm	6
Product function  • removable terminal for auxiliary and control circuit  Design of the electrical connection  • for main current circuit  • for auxiliary and control current circuit  Type of the connectable conductor cross-section  • for main contacts  • solid  • stranded  • with conductor end processing  • for auxiliary contacts  • for auxiliary contacts  • for for auxiliary contacts  • solid  • for main contacts  • for auxiliary contacts  • solid  • for main contacts  • for auxiliary contacts  • solid  • stranded  • for main contacts  • for auxiliary contacts  • solid  • stranded  • for main contacts  • solid  • stranded  • for auxiliary contacts  • solid  • stranded wire  • with conductor end processing  • for auxiliary contact  • solid  • stranded wire  • with conductor end processing  • for auxiliary contact  • solid  • stranded wire  • with conductor final cutting  AWG number / as coded connectable conductor cross-section  • for main contacts / minimum  • for auxiliary contact   Cas / U. / Cc / Gt. / LRS / BV / DNV / RMRS / Yes  General Product Approval     ABS (American Bureau of Shipping)   X BV (Bureau Veritas)   X DNV (Det Norske Veritas)   X GL (Germ   X GL)   Content   X GL (Germ   X GL)   Content	Connection type:		
circuit  Design of the electrical connection • for main current circuit • for auxiliary and control current circuit  Type of the connectable conductor cross-section • for main contacts • solid • finely stranded • with conductor end processing • for auxiliary contacts • for main contacts • solid • finely stranded • with conductor end processing • for auxiliary contacts • for main contacts • solid • stranded • with conductor end processing • for AWG conductors • for main contacts • solid • stranded • with conductor end processing • for auxiliary contact • solid • stranded • with conductor end processing • with conductor end processing • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • with co			
of for main current circuit  of tor auxiliary and control current circuit  Type of the connectable conductor cross-section  of for main contacts  osolid  offinely stranded  owith conductor end processing  owithout conductor final cutting  offor auxiliary contacts  offor auxiliary contacts  offor auxiliary contacts  offor auxiliary contacts  owith conductor end processing  owith c	•	ntrol	No
• for auxiliary and control current circuit Type of the connectable conductor cross-section • for main contacts • solid • stranded • with conductor end processing • for auxiliary contacts • solid • finely stranded • with conductor final cutting • for auxiliary contacts • for main contacts • for main contacts • for main contacts • for main contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for main contacts • solid • for main contacts • for auxiliary contacts • solid • stranded wire • with conductor end processing • with conductor end processing • for auxiliary contacts • solid • stranded wire • with conductor end processing • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • without conductor final cutting  AWG number / as coded connectable conductor cross-section • for main contacts / minimum • for auxiliary contact  • for main contacts / minimum • for auxiliary contact  • Solid • Stranded wire • without conductor final cutting  AWG number / as coded connectable conductor cross-section • for main contacts / minimum • for auxiliary contact  • For use in hazardous locations  For use in hazardous locations  Test Certificate  Shipping Approval   X ABS (American Bureau of Shipping)  X BV (Bureau Veritas)  NDNV (Det Norske Veritas)  X GL (Germ  Manufacturer	Design of the electrical connection		
Type of the connectable conductor cross-section  • for main contacts • solid • stranded • stranded • with conductor end processing • finely stranded • with conductor end processing • finely stranded • with conductor end processing • for auxiliary contacts • solid • finely stranded • with conductor end processing • without conductor final cutting • for AWG conductors • for main contacts • for main contacts • solid • for main contacts • for main contacts • solid • stranded • with conductor end processing • for main contacts • solid • for main contacts • solid • stranded • for auxiliary contacts • solid • stranded wire • with conductor end processing • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • with conductor final cutting • for auxiliary contact • solid • stranded wire • with conductor end processing • with conductor end processing • with conductor final cutting • for auxiliary contact • solid • for auxiliary contact • solid • stranded wire • with conductor final cutting • for auxiliary contact • solid • stranded wire • with conductor final cutting • for auxiliary contact • solid • stranded wire • with conductor final cutting • for auxiliary contact • solid • stranded wire • with conductor final cutting • for auxiliary contact • solid • stranded wire • with conductor final cutting • for main contacts / minimum • for auxiliary contact   Certificates/approvals:  Varification of suitability / ATEX General Product Approval   X ABS (American Bureau of Shipping)  X BV (Bureau Veritas)  X DNV (Det Norske Veritas)  X GL (Germ  Manufacturer	<ul> <li>for main current circuit</li> </ul>		screw-type terminals
• for main contacts • solid • stranded • finely stranded • with conductor end processing • for auxiliary contacts • solid • finely stranded • with conductor end processing • for auxiliary contacts • for auxiliary contacts • for main contacts • solid • for auxiliary contacts • for main contacts • for main contacts • for main contacts • solid • for auxiliary contacts • for main contacts • solid • stranded wire • with conductor end processing • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • without conductor final cutting  AWG number / as coded connectable conductor cross-section • for main contacts / minimum • for auxiliary contact  Certificates/approvals:  Verification of suitability / ATEX General Product Approval  X ABS (American Bureau of Shipping)  AWG Russian Maritime Register)  Amulacturer  Park (Russian Maritime Register)  2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x (25 6 mm²), max. 2x (25 10 mm²), 2x (1 2.5 mm²), 2x (0.75 2.5 mm²)  2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)  2x (1 2.5 mm²), 2x (0.75 2.5 mm²)  2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)  2x			screw-type terminals
Solid Stranded Stran	• •		
stranded     finely stranded     with conductor end processing     for auxiliary contacts     solid     finely stranded     with conductor end processing     for for auxiliary contacts     solid     finely stranded     with conductor end processing     without conductor final cutting     for AWG conductors     for auxiliary contacts     for auxiliary contacts     solid     stranded     in in contacts     solid     stranded     in in contacts     solid     stranded     in in contacts     solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor end processing     for auxiliary contact      solid     stranded wire     with conductor final cutting  AWG number / as coded connectable conductor crosssection     for main contacts / minimum     for auxiliary contact  Certificates/approvals:  Verification of suitability / ATEX  General Product Approval      ROSTEST  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  For use in hazardous locations Test Certificate  DEKRA EXAM, DMT  Manufacturer  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer  Manufacturer			
<ul> <li>stranded</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>for auxiliary contacts</li> <li>solid</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for auxiliary contacts</li> <li>solid</li> <li>stranded on that can be connected</li> <li>for main contacts</li> <li>solid</li> <li>stranded on that can be connected</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>with conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>Solid</li> <li>stranded wire</li> <li>with conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>Solid</li> <li>Stranded wire</li> <li>without conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>Solid</li> <li>Solid</li> <li>Werification of suitability</li> <li>CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS</li> <li>Yes</li> <li>General Product Approval</li> <li>ABS (American Bureau of Shipping)</li> <li>ABY (Bureau Veritas)</li> <li>ABY (Bureau Veritas)</li> <li>Wereau Veritas)</li> <li>Wereau Veritas</li> <li>DNV (Det Norske Veritas)</li> <li>ABC (Germ</li> </ul>	• solid		
<ul> <li>with conductor end processing</li> <li>for auxiliary contacts</li> <li>solid</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>with conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>with conductor end processing</li> <li>for main contacts</li> <li>for main contacts</li> <li>for main contacts</li> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor final cutting</li> <li>mm²</li> <li>0.52.5</li> </ul> <ul> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>for auxiliary contact</li> <li>Solid</li> <li>stranded wire</li> <li>with conductor final cutting</li> <li>mm²</li> <li>0.52.5</li> </ul> <ul> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>14</li> <li>for auxiliary contact</li> <li>1814</li> </ul> <ul> <li>Certificates/approvals:</li> </ul> <ul> <li>Varification of suitability</li> <li>CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS</li> <li>Yes</li> <li>General Product Approval</li> <li>ABS (American Bureau of Shipping)</li> <li>BV (Bureau Veritas)</li> <li>DNV (Det Norske Veritas)</li> <li>X GL (Germ</li> </ul> <ul> <li>Shipping Approval</li> <li>Manufacturer</li> </ul> <ul> <li>Amnufacturer</li> </ul> <ul> <li>Shipping Approval</li> <li>Manufacturer</li> </ul> <ul> <li>Amnufacturer</li> </ul> <ul> <li>Amnufacturer</li> </ul> <ul> <li>DNV (Det Norske Veritas)</li> <li>X GL (Germ</li> </ul> <ul> <li>Shipping Appro</li></ul>	<ul><li>stranded</li></ul>		2x (1 2.5 mm²), 2x (2.5 6 mm²), max. 2x
<ul> <li>for auxiliary contacts</li> <li>solid</li> <li>finely stranded</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>solid</li> <li>for auxiliary contacts</li> <li>110</li> <li>stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>mm² 110</li> <li>mm² 216</li> <li>mm² 0.52.5</li> <li>mm² 0.52.5</li></ul>	<ul><li>finely stranded</li></ul>		
Solid  In finely stranded  With conductor end processing  Without conductor final cutting  For AWG conductors  In for auxiliary contacts  Solid  Stranded  With conductor end processing  With conductors  For auxiliary contacts  Solid  Stranded wire  With conductor end processing  With conductor end processing  For auxiliary contact  Solid  Stranded wire  With conductor end processing  With conductore	<ul> <li>with conductor end processing</li> </ul>		2x (1 2.5 mm²), 2x (2.5 6 mm²)
<ul> <li>finely stranded</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>solid</li> <li>stranded</li> <li>with conductor end processing</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>mm² 0.52.5</li> <li>mm² 0</li></ul>	<ul> <li>for auxiliary contacts</li> </ul>		
<ul> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>solid</li> <li>stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>mm² 16</li> <li>for auxiliary contact</li> <li>without conductor final cutting</li> <li>mm² 0.52.5</li> <li>mm²</li></ul>	<ul><li>solid</li></ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
<ul> <li>without conductor final cutting</li> <li>for AWG conductors</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>2x (14 10)</li> <li>2x (18 14)</li> </ul> Conductor cross section that can be connected <ul> <li>for main contacts</li> <li>solid</li> <li>stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>mm² 16</li> </ul> For auxiliary contact <ul> <li>with conductor end processing</li> <li>with conductor end processing</li> <li>with conductor final cutting</li> </ul> AWG number / as coded connectable conductor cross-section <ul> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> </ul> AWG number / as coded connectable conductor cross-section <ul> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> </ul> AWG number / as coded connectable conductor cross-section <ul> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> </ul> AWG number / as Coded connectable conductor cross-section <ul> <li>for usualilary contact</li> </ul> Certificates/approvals: <ul> <li>Varification of suitability / ATEX</li> <li>General Product Approval</li> <li>For use in hazardous locations Test Certificate DEKRA EXAM, DMT</li> <li>Manufacturer</li> </ul> Shipping Approval <ul> <li>k BV (Bureau Veritas)</li> <li>k DNV (Det Norske Veritas)</li> <li>k GL (Germ</li> </ul> Shipping Approval <ul> <li>Manufacturer</li> </ul> RMRS (Russian Maritime Register) Manufacturer	<ul><li>finely stranded</li></ul>		
• for AWG conductors • for main contacts • for auxiliary contacts  Conductor cross section that can be connected • for main contacts • solid • stranded • stranded wire • with conductor end processing • for auxiliary contact • solid • stranded wire • with conductor end processing • with conductor end processing • with conductor end processing • without conductor final cutting  AWG number / as coded connectable conductor cross-section • for main contacts / minimum • for auxiliary contact  Certificates/approvals:  Verification of suitability / ATEX General Product Approval  X ABS (American Bureau of Shipping)  AWG Number / ABS (Russian Maritime Register)  Manufacturer  2x (14 10) 2x (18 14)  2x (18 1	<ul> <li>with conductor end processing</li> </ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for main contacts     • for auxiliary contacts Conductor cross section that can be connected     • for main contacts     • solid     • stranded     • stranded wire     • with conductor end processing     • for auxiliary contact     • solid     • stranded wire     • with conductor end processing     • for auxiliary contact     • solid     • stranded wire     • with conductor end processing     • with conductor final cutting  AWG number / as coded connectable conductor cross-section     • for main contacts / minimum     • for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS Yes  General Product Approval  X ABS (American Bureau of Shipping)  X BV (Bureau Veritas)  X DNV (Det Norske Veritas)  X GL (Germ Manufacturer  Manufacturer  Manufacturer  Manufacturer	<ul> <li>without conductor final cutting</li> </ul>		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
• for auxiliary contacts  Conductor cross section that can be connected  • for main contacts  • solid  • stranded  • stranded wire  • with conductor end processing  • stranded wire  • with conductor end processing  • with conductor final cutting  AWG number / as coded connectable conductor cross-section  • for main contacts / minimum  • for auxiliary contact  Certificates/approvals:  Varification of suitability  Varification of suitability / ATEX  General Product Approval  ■ ABS (American Bureau of Shipping)  ■ BV (Bureau Veritas)  ■ DNV (Det Norske Veritas)  ■ DNV (Det Norske Veritas)  ■ DNV (Det Norske Veritas)  ■ GL (Germ Manufacturer  Manufacturer	<ul> <li>for AWG conductors</li> </ul>		
Conductor cross section that can be connected  • for main contacts  • solid  • stranded  • stranded wire  • with conductor end processing  • for auxiliary contact  • solid  • stranded wire  • with conductor end processing  • with conductor final cutting  AWG number / as coded connectable conductor cross-section  • for main contacts / minimum  • for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  ROSTEST  ROSTEST  DEKRA EXAM, DMT  Manufacturer  Manufacturer  Manufacturer  Manufacturer  Manufacturer  Manufacturer  Manufacturer	<ul> <li>for main contacts</li> </ul>		2x (14 10)
for main contacts         Solid	<ul> <li>for auxiliary contacts</li> </ul>		2x (18 14)
solid     stranded     stranded wire     with conductor end processing     for auxiliary contact     solid     stranded wire     with conductor end processing     stranded wire     with conductor end processing     without conductor final cutting  AWG number / as coded connectable conductor cross-section     for main contacts / minimum     for auxiliary contact      Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval      ROSTEST  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS     yes  General Product Approval      ROSTEST  Shipping Approval  RMRS (Russian Bureau of Shipping)  RMRS (Russian Maritime Register)  Manufacturer  Manufacturer			
<ul> <li>stranded</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>with conductor end processing</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>14</li> <li>for auxiliary contact</li> <li>1814</li> </ul> Certificates/approvals: Verification of suitability / ATEX General Product Approval <ul> <li>For use in hazardous locations</li> <li>Test Certificate</li> <li>X CSA</li> <li>ROSTEST</li> <li>DEKRA EXAM, DMT</li> <li>Manufacturer</li> </ul> Shipping Approval <ul> <li>X BV (Bureau Veritas)</li> <li>X DNV (Det Norske Veritas)</li> <li>X GL (Germ</li> </ul> Shipping Approval Manufacturer			
<ul> <li>stranded wire</li> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>Verification of suitability</li> <li>CSA/UL/CC/GL/LRS/BV/DNV/RMRS/RINA/PRS/ABS</li> <li>Varification of suitability / ATEX</li> <li>General Product Approval</li> <li>Shipping Approval</li> <li>Shipping Approval</li> <li>RMS (American Bureau of Shipping)</li> <li>Werklassian Maritime Register)</li> <li>Manufacturer</li> <li>Manufacturer</li> </ul>			
<ul> <li>with conductor end processing</li> <li>for auxiliary contact</li> <li>solid</li> <li>stranded wire</li> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>Certificates/approvals:</li> <li>Verification of suitability / ATEX</li> <li>General Product Approval</li> <li>Shipping Approval</li> <li>X ABS (American Bureau of Shipping)</li> <li>Well Approval</li> <li>ABS (Russian Maritime Register)</li> <li>mm² 0.52.5</li> <li>mm² 0.52.5</li></ul>		mm²	110
for auxiliary contact         Solid         Stranded wire         With conductor end processing         Without conductor final cutting  AWG number / as coded connectable conductor cross-section         for main contacts / minimum         for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  ROSTEST  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  General Product Approval  ROSTEST  DEKRA EXAM, DMT  Manufacturer  Shipping Approval  RMRS (Russian Bureau of Shipping)  Manufacturer  Manufacturer  Manufacturer  Manufacturer  Manufacturer			4 0
solid     stranded wire     with conductor end processing     without conductor final cutting  AWG number / as coded connectable conductor cross-section     for main contacts / minimum     for auxiliary contact  Verificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  ROSTEST  ROSTEST  Shipping Approval  X ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Wanufacturer  Manufacturer  Manufacturer  Manufacturer	,	mm²	16
stranded wire     with conductor end processing     without conductor final cutting  AWG number / as coded connectable conductor cross-section     for main contacts / minimum     for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS Yes  General Product Approval  ROSTEST  For use in hazardous locations Test Certificate DEKRA EXAM, DMT  Manufacturer  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer  Manufacturer	-		0.5. 0.5
<ul> <li>with conductor end processing</li> <li>without conductor final cutting</li> <li>AWG number / as coded connectable conductor cross-section</li> <li>for main contacts / minimum</li> <li>for auxiliary contact</li> <li>14</li> <li>for auxiliary contact</li> <li>1814</li> <li>Certificates/approvals:</li> <li>Verification of suitability</li> <li>Varification of suitability / ATEX</li> <li>General Product Approval</li> <li>For use in hazardous locations Test Certificate DEKRA EXAM, DMT</li> <li>Manufacturer</li> <li>Shipping Approval</li> <li>ABS (American Bureau of Shipping)</li> <li>BV (Bureau Veritas)</li> <li>DNV (Det Norske Veritas)</li> <li>ABS (Germ</li> <li>Manufacturer</li> </ul>		mm²	0.52.5
without conductor final cutting  AWG number / as coded connectable conductor cross-section		mm²	05 25
AWG number / as coded connectable conductor cross- section  • for main contacts / minimum • for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS Yes  General Product Approval  For use in hazardous locations Test Certificate Manufacturer  Shipping Approval  ABS (American Bureau of Shipping)  BV (Bureau Veritas)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer			
e for main contacts / minimum e for auxiliary contact  14  Ecrtificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  ■ CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  General Product Approval  ■ CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  General Product Approval  ■ For use in hazardous locations Test Certificate Manufacturer  ■ Shipping Approval  ■ ABS (American Bureau of Shipping)  ■ BV (Bureau Veritas)  ■ DNV (Det Norske Veritas)  ■ GL (Germ  Shipping Approval  ■ RMRS (Russian Maritime Register)			0.52.5
● for auxiliary contact  Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  General Product Approval  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS Yes  General Product Approval  For use in hazardous locations Test Certificate DEKRA EXAM, DMT  Manufacturer  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer  Manufacturer		55-	
Certificates/approvals:  Verification of suitability  Varification of suitability / ATEX  Varification of suitability / ATEX  General Product Approval  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  General Product Approval  ROSTEST  DEKRA EXAM, DMT  Manufacturer  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer	<ul> <li>for main contacts / minimum</li> </ul>		14
Verification of suitability  Varification of suitability / ATEX  Varification of suitability / ATEX  General Product Approval  CSA  ROSTEST  BV (Bureau Veritas)  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  For use in hazardous locations  Test Certificate  Manufacturer  Manufacturer  DEKRA EXAM, DMT  Manufacturer  Shipping Approval  RMRS (Russian Maritime Register)	<ul> <li>for auxiliary contact</li> </ul>		1814
Verification of suitability  Varification of suitability / ATEX  Varification of suitability / ATEX  General Product Approval  CSA  ROSTEST  ROSTEST  BY (Bureau Veritas)  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  ABS (Russian Maritime Register)  Manufacturer  CSA / UL / CC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS  Yes  For use in hazardous locations  Test Certificate  DEKRA EXAM, DMT  Manufacturer  ABS (American Bureau of Shipping)  X BV (Bureau Veritas)  X DNV (Det Norske Veritas)  X GL (Germ  Manufacturer	0(:6()		
Varification of suitability / ATEX  General Product Approval  CSA  ROSTEST  BY (Bureau Veritas)  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  ABS (Russian Maritime Register)  RINA / PRS / ABS Yes  Yes  For use in hazardous locations  Test Certificate  Manufacturer  Manufacturer  DEKRA EXAM, DMT  Manufacturer  ABV (Bureau Veritas)  X DNV (Det Norske Veritas)  X GL (Germ  Manufacturer			CSA / UL / CC / GL / LRS / RV / DNIV / RMRS /
General Product Approval  ROSTEST  BEKRA EXAM, DMT  Manufacturer  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  ABS (Russian Maritime Register)  Manufacturer  Test Certificate  Manufacturer  Manufacturer			
Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer  Manufacturer	•		
Shipping Approval  ABS (American Bureau of Shipping)  BV (Bureau Veritas)  DNV (Det Norske Veritas)  GL (Germ Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer			
ABS (American Bureau of Shipping)  Shipping Approval  RMRS (Russian Maritime Register)  Shipping Approval  Manufacturer	▼ CSA ROSTEST		DEKRA EXAM, DMT Manufacturer
Shipping Approval  RMRS (Russian Maritime Register)  Manufacturer	Shipping Approval		
RMRS (Russian Maritime Register)  Manufacturer	■ ABS (American Bureau of Shipping) ■ BV (	Bureau Veritas)	DNV (Det Norske Veritas)
RMRS (Russian Maritime Register)	Shipping Approval other		
Crusthey information.	RMRS (Russian Maritime Register)	rer	
	Further information:		

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