SIEMENS

Data sheet

3RA6400-2CB42



SIRIUS Compact load feeder DOL starter for IO-Link 690 V 24 V DC 1...4 A IP20 Connection main circuit: Spring-type terminal Connection control circuit: Spring-type terminal

product brand name SIRUS product designation Compact starter for IO-Link design of the product direct starter product type designation 3RA64 Ceneral technical data product function control circuit interface to parallel wiring No product function control circuit interface to parallel wiring No 1W power loss [W] for rated value of the current at AC in hot operating state 0.33 W 2.9 W odcurrent share typical 690 V 46gree of pollution 3 surge voltage rated value 690 V 46gree of pollution 3 store resistance rated value 600 V 46gree of pollution 3 store resistance Fe 4 5.8 Hz, d= 15 mm; fe 5.8 500 Hz, a= 20 m/s ² ; 10 cycles 10 000 000 e of the main contacts typical 10 000 000 10 000 000 10 000 000 e of the signaling contacts typical 10 000 000 10 000 000 10 000 000 e of the signaling contacts typical 10 000 000 10 000 000 10 000 000 e of the signaling contacts typical 200 000 200 000 200 000 200 000 200 000<				
design of the product direct starter product type designation 3RA64 General technical data product function control circuit interface to parallel wiring No product function control circuit interface to parallel wiring No Prestign (1000) product function control circuit interface to parallel wiring No Prestign (1000) power loss [W] for rated value of the current at AC in hot operating state 0.33 W 2.9 W over loss [W] for rated value of the current without load current share typical 600 V 2.9 W degree of pollution 3 3 3 surge voltage resistance rated value 600 V 600 V 600 V degree of protection NEMA rating other a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes 10 oyodo • of the main contacts typical 10 000 000 10 oyodo 10 oyodo 10 oyodo • of the signaling contacts typical 10 000 000 10 000 000 10 oyodo 10 oyodo • at DC-13 at 6 A at 24 V typical 200 000 200 000 200 000 200 000 200 000 • at DC-13 at 6 A at 230 V typical 200 000 10.50212 00:00:00 200 000 200 000 200 000	product brand name	SIRIUS		
product type designation 3RA64 General technical data	product designation	Compact starter for IO-Link		
General technical data product function control circuit interface to parallel wiring No product extension auxiliary switch Yes power loss [W] for rated value of the current at AC in hot operating state 0.33 W • per pole 0.33 W jower loss [W] for rated value of the current without load current share typical 690 V insulation voltage rated value 690 V degree of pollution 3 surge voltage resistance rated value 6000 V vibration resistance ref 45.8 Hz, d= 15 mm; t= 5.8 500 Hz, a= 20 m/s*, 10 cycles wibration resistance ref 45.8 Hz, d= 15 mm; t= 5.8 500 Hz, a= 20 m/s*, 10 cycles • of the main contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • of the signaling contacts typical 200 000 • of the signaling contacts typical 200 000 • at DC-13 at 6 A at 24 V typical 200 000 • at DC-15 at 6 A ta 230 V typical 200 000 installation altitude at height above sea level maximum 2000 m • ambient temperature during operation -20 +60 °C • ambient temperature during torage -55 +80 °C • ambient temperature during torage	design of the product	direct starter		
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product extension auxiliary switch Yes power loss [W] for rated value of the current at AC in hot operating state 1 W • per pole 0.33 W power loss [W] for rated value of the current without load current share typical 690 V degree of pollution 3 surge voltage resistance rated value 600 V degree of pollution 3 shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance fe 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s ² ; 10 cycles mechanical service life (switching cycles) 10 000 000 • of the main contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • at DC-13 at 6 A at 24 V typical 200 000 type of assignment continuous operation according to IEC 60947-6-2 reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient temperature during operation -20 +60 °C • ambient temperature during transport -55 +80 °C • am	General technical data			
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power loss [W] for rated value of the current without load current share typical 2.9 W insulation voltage rated value 690 V degree of pollution 3 surge voltage resistance rated value 6 000 V degree of protection NEMA rating other shock resistance a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes vibration resistance fe 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cycles mechanical service life (switching cycles) 0 000 000 • of the main contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • at DC-13 at 6 A at 24 V typical 200 000 • at DC-13 at 6 A at 230 V typical 200 000 type of assignment continous operation according to IEC 60947-6-2 reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient temperature during operation -20 +60 °C • ambient temperature during transport -55 +80 °C • ambient temperature during transport -55 +80 °C • ambient temperature during transport -55 +80 °C • ambie		1 W		
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degree of protection NEMA ratingothershock resistancea=60 m/s2 (6g) with 10 ms per 3 shocks in all axesvibration resistancef= 4 5.8 Hz, d= 15 mm; f= 5.8 500 Hz, a= 20 m/s²; 10 cyclesmechanical service life (switching cycles)0 000 000• of the main contacts typical10 000 000• of the signaling contacts typical10 000 000• of the signaling contacts typical10 000 000• of the signaling contacts typical10 000 000• at DC-13 at 6 A at 24 V typical200 000• at DC-15 at 6 A at 230 V typical200 000• at AC-15 at 6 A at 230 V typical200 000• at DC-15 at 6 B1346-2QSubstance Prohibitance (Date)01.05.2012 00:00:00Ambient conditions-20 +60 °C• ambient temperature during operation-20 +60 °C• ambient temperature during transport-55 +80 °C<	degree of pollution	3		
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mechanical service life (switching cycles) 0 • of the main contacts typical 10 000 000 • of auxiliary contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • of the signaling contacts typical 10 000 000 • electrical endurance (switching cycles) of auxiliary contacts 0000 • at DC-13 at 6 A at 24 V typical 200 000 • at AC-15 at 6 A at 230 V typical 200 000 type of assignment continous operation according to IEC 60947-6-2 reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient conditions 2 000 m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	shock resistance	a=60 m/s2 (6g) with 10 ms per 3 shocks in all axes		
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• at AC-15 at 6 A at 230 V typical 200 000 type of assignment continous operation according to IEC 60947-6-2 reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient conditions 200 0m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 %				
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reference code acc. to IEC 81346-2 Q Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	 at AC-15 at 6 A at 230 V typical 	200 000		
Substance Prohibitance (Date) 01.05.2012 00:00:00 Ambient conditions installation altitude at height above sea level maximum 2 000 m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	type of assignment	continous operation according to IEC 60947-6-2		
Ambient conditions installation altitude at height above sea level maximum 2 000 m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	reference code acc. to IEC 81346-2	Q		
installation altitude at height above sea level maximum 2 000 m • ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	Substance Prohibitance (Date)	01.05.2012 00:00:00		
• ambient temperature during operation -20 +60 °C • ambient temperature during storage -55 +80 °C • ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit 3	Ambient conditions			
	installation altitude at height above sea level maximum	2 000 m		
ambient temperature during transport -55 +80 °C relative humidity during operation 10 90 % Main circuit number of poles for main current circuit 3	ambient temperature during operation	-20 +60 °C		
relative humidity during operation 10 90 % Main circuit 3	 ambient temperature during storage 	-55 +80 °C		
Main circuit 3	 ambient temperature during transport 	-55 +80 °C		
number of poles for main current circuit 3	relative humidity during operation	10 90 %		
	Main circuit			
adjustable current response value current of the 1 4 A	number of poles for main current circuit	3		
	adjustable current response value current of the	1 4 A		

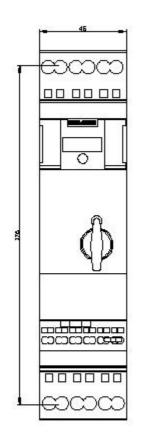
current-dependent overload release	
formula for making capacity limit current	12 x le
formula for breaking capacity limit current	10 x le
yielded mechanical performance for 4-pole AC motor	
• at 400 V rated value	1.5 kW
• at 500 V rated value	2.2 kW
at 690 V rated value	3 kW
 operating voltage at AC-3 rated value maximum 	690 V
operational current	
 at AC at 400 V rated value 	4 A
• at AC-43	
— at 400 V rated value	3.6 A
— at 500 V rated value	3.9 A
— at 690 V rated value	3.8 A
operating power	
 at AC-3 at 400 V rated value 	1 500 W
• at AC-43	
— at 400 V rated value	1 500 W
— at 500 V rated value	2 200 W
— at 690 V rated value	3 000 W
no-load switching frequency	3 600 1/h
operating frequency	
 at AC-41 acc. to IEC 60947-6-2 maximum 	750 1/h
• at AC-43 acc. to IEC 60947-6-2 maximum	250 1/h
Control circuit/ Control	
type of voltage	DC
holding power	
at DC maximum	2.9 W
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	0 0
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip	0
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload	0 0
number of NO contacts for auxiliary contactsnumber of NO contacts of instantaneous short-circuit trip unit for signaling contactnumber of CO contacts of the current-dependent overload release for signaling contactoperational current of auxiliary contacts at AC-12	0 0 0
number of NO contacts for auxiliary contactsnumber of NO contacts of instantaneous short-circuit trip unit for signaling contactnumber of CO contacts of the current-dependent overload release for signaling contactoperational current of auxiliary contacts at AC-12 maximumoperational current of auxiliary contacts at DC-13 at 250 V	0 0 0 10 A
number of NO contacts for auxiliary contactsnumber of NO contacts of instantaneous short-circuit trip unit for signaling contactnumber of CO contacts of the current-dependent overload release for signaling contactoperational current of auxiliary contacts at AC-12 maximumoperational current of auxiliary contacts at DC-13 at 250 VProtective and monitoring functions	0 0 0 10 A 0.27 A
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class	0 0 0 10 A
number of NO contacts for auxiliary contactsnumber of NO contacts of instantaneous short-circuit trip unit for signaling contactnumber of CO contacts of the current-dependent overload release for signaling contactoperational current of auxiliary contacts at AC-12 maximumoperational current of auxiliary contacts at DC-13 at 250 VProtective and monitoring functions	0 0 0 10 A 0.27 A
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics)	0 0 0 10 A 0.27 A CLASS 10 and 20 adjustable
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 480 V rated value • at 480 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • at 600 V	0 0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 200/208 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 0.75 hp
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 480 V rated value • at 600 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 220/230 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 0.75 hp 0.75 hp
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 200/208 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 0.75 hp 0.75 hp 0.75 hp 2 hp
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 480 V rated value • at 200 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 480 V rated value • at 600 V rated value • at 600 V rated value • at 200/208 V rated value • at 460/480 V rated value • at 460/4	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 0.75 hp 0.75 hp
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 4 A 4 D 0.75 hp 0.75 hp 0.75 hp 2 hp 3 hp
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 200/208 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 4 A 4 A Yes
number of NO contacts for auxiliary contacts number of NO contacts of instantaneous short-circuit trip unit for signaling contact number of CO contacts of the current-dependent overload release for signaling contact operational current of auxiliary contacts at AC-12 maximum operational current of auxiliary contacts at DC-13 at 250 V Protective and monitoring functions trip class breaking capacity operating short-circuit current (Ics) • at 400 V • at 500 V rated value • at 690 V rated value • at 690 V rated value • at 600 V rated value • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value	0 0 10 A 0.27 A CLASS 10 and 20 adjustable 53 kA 3 kA 3 kA 4 A 4 A 4 A 4 A 4 D 0.75 hp 0.75 hp 0.75 hp 2 hp 3 hp

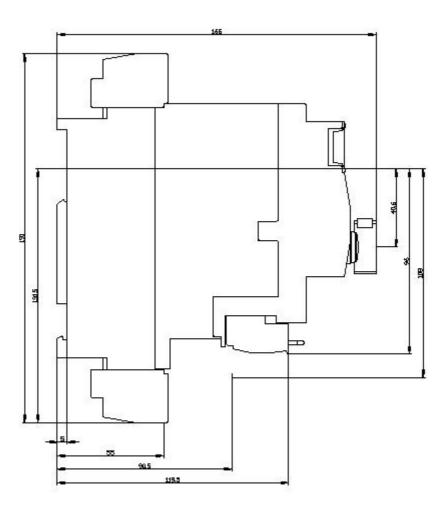
• for short-circuit protection of the auxiliary switch required

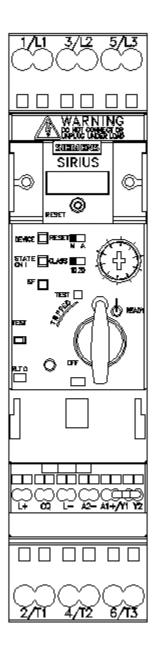
fuse gL/gG: 10 A

required			
Installation/ mounting/ dimensions			
mounting position	any		
recommended	vertical, on horizontal standard mounting rail		
fastening method	screw and snap-on mounting		
height			
width	45 mm		
depth	165 mm		
Connections/ Terminals			
product function			
removable terminal for main circuit	Yes		
 removable terminal for auxiliary and control circuit 	Yes		
type of electrical connection			
for main current circuit	spring-loaded terminals		
 for auxiliary and control circuit 	spring-loaded terminals		
type of connectable conductor cross-sections			
for main contacts			
— solid	2x (1.5 6 mm²), 1x 10 mm²		
 — finely stranded with core end processing 	2x (1.5 6 mm ²)		
 — finely stranded with core end processing — finely stranded without core end processing 	2x (1.5 6 mm ²)		
 at AWG cables for main contacts 	2x (1.5 0 mm) 2x (16 10), 1x 8		
type of connectable conductor cross-sections			
for auxiliary contacts			
- solid	2x (0.25 1.5 mm²)		
	· · ·		
 finely stranded with core end processing 	2x (0.25 1.5 mm ²)		
 finely stranded without core end processing at AWC applies for auxiliant contacts 	2x (0.25 1.5 mm ²)		
at AWG cables for auxiliary contacts	2x (24 16)		
Safety related data	0.000.000		
B10 value with high demand rate acc. to SN 31920	3 000 000		
proportion of dangerous failures	FO 84		
with high demand rate acc. to SN 31920	50 %		
Communication/ Protocol			
product function bus communication	Yes		
protocol is supported			
IO-Link protocol	Yes		
product function control circuit interface with IO link	Yes		
IO-Link transfer rate	COM2 (38,4 kBaud)		
point-to-point cycle time between master and IO-Link device minimum	2.5 ms		
type of voltage supply via input/output link master	No		
data volume			
 of the address range of the inputs with cyclical transfer total 	2 byte		
 of the address range of the outputs with cyclical transfer total 	2 byte		
Electromagnetic compatibility			
conducted interference			
• due to burst acc. to IEC 61000-4-4	4 kV main circuits, 2 kV auxiliary circuits, 2 kV IO-Link, 2 kV limit switches, 2 kV line hand-held device		
• due to conductor-earth surge acc. to IEC 61000-4-5	4 kV main circuits, 0.5 kV auxiliary voltage with upstream overvoltage protection		
 due to conductor-conductor surge acc. to IEC 61000-4-5 	2 kV main circuits, 0.5 kV auxiliary voltage with upstream overvoltage protection		
 due to high-frequency radiation acc. to IEC 61000- 4-6 	0.15-80Mhz at 10V		
field-based interference acc. to IEC 61000-4-3	80 3000 MHz at 10V/m		
electrostatic discharge acc. to IEC 61000-4-2	8 kV		
conducted HF interference emissions acc. to CISPR11	150 kHz 30 MHz Class A		
field-bound HF interference emission acc. to CISPR11	30 1000 MHz Class A		

Supply voltage						
Supply voltage required Auxiliary voltage		e Y	Yes			
Display						
number of LEDs	number of LEDs					
display version as status display of the input/output link device			reen/red dual LED			
Certificates/ approvals						
General Product Appr	oval			EMC	Functional Safety/Safety of Machinery	
(Sp)	CCC CCC		EHC	RCM	UDE VDE	
Declaration of Conform	mity	Test Certificates	Marine / Shipping			
<u>Miscellaneous</u>	CE EG-Konf.	<u>Type Test</u> <u>Certificates/Test</u> <u>Report</u>	ABS	B UREAU VERITAS	Lloyd's Register urs	
Marine / Shipping			other			
PRS	RINA	RMRS RMRS	<u>Confirmation</u>			
Further information						
Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA6400-2CB42 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6400-2CB42 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RA6400-2CB42 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6400-2CB42⟨=en Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RA6400-2CB42/char Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RA6400-2CB42&objecttype=14&gridview=view1						







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1/18/2021 🖸