# **DATASHEET - DILM15-10(230V50HZ,240V60HZ)**

Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals



DILM15-10(230V50HZ,240V60HZ) Part no.

290058 Catalog No. **Alternate Catalog** XTCE015B10F

No.

**EL-Nummer** 4110367

(Norway)

Delivery program			
Product range			Contactors
Application			Contactors for Motors
Subrange			Contactors up to 170 A, 3 pole
Utilization category			AC-1: Non-inductive or slightly inductive loads, resistance furnaces NAC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Notes			Not suitable for motors with efficiency class IE3.
Connection technique			Screw terminals
Number of poles			3 pole
Rated operational current			
AC-3			
Notes			At maximum permissible ambient temperature (open.)
380 V 400 V	I <sub>e</sub>	Α	15.5
AC-1			
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
at 40 °C	$I_{th} = I_e$	Α	22
enclosed	I <sub>th</sub>	Α	18
Conventional free air thermal current, 1 pole			
open	I <sub>th</sub>	Α	50
enclosed	I <sub>th</sub>	Α	45
Max. rating for three-phase motors, 50 - 60 Hz			
AC-3			
220 V 230 V	P	kW	4
380 V 400 V	P	kW	7.5
660 V 690 V	P	kW	7
AC-4			
220 V 230 V	P	kW	2
380 V 400 V	P	kW	3
660 V 690 V	Р	kW	4.4
Contacts			
N/O = Normally open			1 N/O
Can be combined with auxiliary contact			DILA-XHI(V)(-PI) DILA-XHIS DILM32-XHI(-PI)
Actuating voltage			230 V 50 Hz, 240 V 60 Hz
Voltage AC/DC			AC operation
Connection to SmartWire-DT			no
Instructions			Contacts to EN 50 012.
Frame size			1

# **Technical data**

### General

Standards	IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanical	

AC operated	Operations	x 10 <sup>6</sup>	10
Operating frequency, mechanical			
AC operated	Operations/h		5000
Climatic proofing			Damp heat, constant, to IEC 60068-2-78
			Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			
Open		°C	-25 - +60
Enclosed		°C	- 25 - 40
Storage		°C	- 40 - 80
Mechanical shock resistance (IEC/EN 60068-2-27)			
Half-sinusoidal shock, 10 ms			
Main contacts			
N/O contact		g	10
Auxiliary contacts			
N/O contact		g	7
N/C contact		g	5
Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mounted			
Half-sinusoidal shock, 10 ms			
Main contacts			
N/O contact		g	5.7
Auxiliary contacts			
N/O contact		g	3.4
N/C contact		g	3.4
Degree of Protection			IP20
Protection against direct contact when actuated from front (EN 50274)			Finger and back-of-hand proof
Altitude		m	Max. 2000
Weight			
AC operated		kg	0.24
Screw connector terminals			
Terminal capacity main cable			
Solid		mm <sup>2</sup>	1 x (0.75 - 4) 2 x (0.75 - 2.5)
Flexible with ferrule		mm <sup>2</sup>	1 x (0.75 - 2.5)
TIONISIO WITH TOTALO		mm	2 x (0.75 - 2,5)
Solid or stranded		AWG	single 18 - 10, double 18 - 14
Stripping length		mm	10
Terminal screw			M3.5
Tightening torque		Nm	1.2
Tool			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
Terminal capacity control circuit cables			
Solid		mm <sup>2</sup>	1 x (0.75 - 4)
303		mm	2 x (0.75 - 2.5)
Flexible with ferrule		mm <sup>2</sup>	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Solid or stranded		AWG	18 - 14
Stripping length		mm	10
Terminal screw			M3.5
Tightening torque		Nm	1.2
Tool			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
Main conducting paths			1.40
Rated impulse withstand voltage	U <sub>imp</sub>	V AC	8000
Overvoltage category/pollution degree			III/3
			**

Rated insulation voltage	Ui	V AC	690
Rated operational voltage	U <sub>e</sub>	V AC	690
	Ue	V AC	000
Safe isolation to EN 61140		V 40	400
between coil and contacts		V AC	400
between the contacts  Making capacity (p.f. to IEC/EN 60947)		V AC	400
Making capacity (p.n. to 1EC/EN 00347)	Up to 690 V	A	155
Breaking capacity	Ομ το 630 γ	A	133
220 V 230 V		A	124
380 V 400 V		A	124
500 V		A	100
660 V 690 V		A	70
Short-circuit rating			
Short-circuit protection maximum fuse			
Type "2" coordination			
400 V	gG/gL 500 V	Α	20
690 V	gG/gL 690 V		20
Type "1" coordination	0.0000		
400 V	gG/gL 500 V	Α	63
690 V	gG/gL 690 V		50
AC	. •		
AC-1			
Rated operational current			
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
at 40 °C	$I_{th} = I_e$	Α	22
at 50 °C	I <sub>th</sub> =I <sub>e</sub>	Α	21
at 55 °C	$I_{th} = I_e$	Α	21
at 60 °C	I <sub>th</sub> =I <sub>e</sub>	Α	20
enclosed	I <sub>th</sub>	Α	18
Conventional free air thermal current, 1 pole			
open	I <sub>th</sub>	Α	50
enclosed	I <sub>th</sub>	Α	45
AC-3			
Rated operational current			
Open, 3-pole: 50 – 60 Hz			
Notes			At maximum permissible ambient temperature (open.)
220 V 230 V	le	Α	15.5
240 V	I <sub>e</sub>	Α	15.5
380 V 400 V	I <sub>e</sub>	Α	15.5
415 V	I <sub>e</sub>	Α	15.5
440V	I <sub>e</sub>	Α	15.5
500 V	l <sub>e</sub>	A	12.5
660 V 690 V	l <sub>e</sub>	A	9
Motor rating	'e P	kWh	•
220 V 230 V	P	kW	4
240V	P	kW	4.6
380 V 400 V	P	kW	7.5
415 V	P	kW	8
440 V	P	kW	8.4
500 V	P	kW	7.5
660 V 690 V	P	kW	7
AC-4			
Open, 3-pole: 50 – 60 Hz			
2-2-7 a koror og 152 152			

220 V 230 V	l <sub>e</sub>	Α	7
240 V	I <sub>e</sub>	Α	7
380 V 400 V	I <sub>e</sub>	Α	7
415 V	l <sub>e</sub>	Α	7
440 V	I <sub>e</sub>	Α	7
500 V		A	6
	l <sub>e</sub>		
660 V 690 V	l <sub>e</sub>	Α	5
Motor rating	P	kWh	
220 V 230 V	P	kW	2
240 V	Р	kW	2.2
380 V 400 V	P	kW	3
415 V	Р	kW	3.4
440 V	Р	kW	3.6
500 V	Р	kW	3.5
660 V 690 V	P	kW	4.4
DC			
Rated operational current, open			
DC-1			
60 V	l <sub>e</sub>	Α	20
110 V	l <sub>e</sub>	Α	20
220 V	l <sub>e</sub>	Α	15
Current heat loss			
3 pole, at l <sub>th</sub> (60°)		W	2.5
Current heat loss at I <sub>e</sub> to AC-3/400 V		W	1.5
Impedance per pole		mΩ	2.5
Magnet systems			
Voltage tolerance			
AC operated	Pick-up	x U <sub>c</sub>	0.8 - 1.1
Drop-out voltage AC operated	Drop-out	x U <sub>c</sub>	0.3 - 0.6
Drop-out voltage AC operated $\label{eq:power_sol} \mbox{Power consumption of the coil in a cold state and 1.0 x U_S}$	Drop-out	x U <sub>c</sub>	0.3 - 0.6
	Drop-out Pick-up	x U <sub>c</sub>	0.3 - 0.6 24
Power consumption of the coil in a cold state and 1.0 x $\mathrm{U}_{\mathrm{S}}$			
Power consumption of the coil in a cold state and 1.0 x $\ensuremath{\text{U}_{\text{S}}}$ 50 Hz	Pick-up	VA	24
Power consumption of the coil in a cold state and 1.0 x $\rm U_{S}$ $\rm 50~Hz$ $\rm 50~Hz$	Pick-up Sealing	VA VA	24 3.4
Power consumption of the coil in a cold state and 1.0 x $\rm U_{S}$ $\rm 50~Hz$ $\rm 50~Hz$ $\rm 50~Hz$	Pick-up Sealing Sealing	VA VA W	24 3.4 1.4
Power consumption of the coil in a cold state and 1.0 x $\rm U_{S}$ $\rm 50~Hz$ $\rm 50~Hz$ $\rm 50~Hz$ $\rm 60~Hz$	Pick-up Sealing Sealing Pick-up	VA VA W VA	24 3.4 1.4 30
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz 50 Hz 50 Hz 60 Hz	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA	24 3.4 1.4 30 4.4
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA	24 3.4 1.4 30 4.4 1.4
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA	24 3.4 1.4 30 4.4 1.4
Power consumption of the coil in a cold state and 1.0 x $U_S$ 50 Hz 50 Hz 50 Hz 60 Hz 60 Hz 60 Hz Duty factor Changeover time at 100 % $U_S$ (recommended value)	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA	24 3.4 1.4 30 4.4 1.4
Power consumption of the coil in a cold state and 1.0 x $U_S$ 50 Hz 50 Hz 50 Hz 60 Hz 60 Hz 60 Hz Duty factor Changeover time at 100 % $U_S$ (recommended value)	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA	24 3.4 1.4 30 4.4 1.4
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA W % DF	24 3.4 1.4 30 4.4 1.00
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA VA W TO The state of	24 3.4 1.4 30 4.4 1.4 100
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W S DF	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating  Three-phase  200 V	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W A W TO THE	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating  Three-phase  200 V 208 V	Pick-up Sealing Sealing Pick-up Sealing	VA VA VA VA W % DF	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1 to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating  Three-phase  200 V	Pick-up Sealing Sealing Pick-up Sealing	VA VA W VA W S DF	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1 to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference  Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating  Three-phase  200 V 208 V 230 V 240 V	Pick-up Sealing Sealing Pick-up Sealing	VA VA VA VA W % DF	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1 to EN 60947-1
Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> 50 Hz  50 Hz  50 Hz  60 Hz  60 Hz  Duty factor  Changeover time at 100 % U <sub>S</sub> (recommended value)  Main contacts  AC operated  Closing delay  Opening delay  Arcing time  Electromagnetic compatibility (EMC)  Emitted interference Interference immunity  Rating data for approved types  Switching capacity  Maximum motor rating  Three-phase  200 V 208 V 230 V 240 V	Pick-up Sealing Sealing Pick-up Sealing	VA VA VA VA W **DF  **MS **MS  **HP  HP	24 3.4 1.4 30 4.4 1.4 100  15 - 21 9 - 18 10  to EN 60947-1 to EN 60947-1  5 5

600 V		
Single-phase		
115 V	HP	1
120 V		
230 V 240 V	HP	3
General use	Α	20
Auxiliary contacts		
Pilot Duty		
AC operated		A600
DC operated		P300
General Use		
AC	V	600
AC	Α	10
DC	V	250
DC	Α	1
Short Circuit Current Rating	SCCR	
Basic Rating		
SCCR	kA	5
max. Fuse	Α	45
max. CB	Α	60
480 V High Fault		
SCCR (fuse)	kA	30/100
max. Fuse	Α	25 Class RK5/60 Class J
600 V High Fault		
SCCR (fuse)	kA	30/100
max. Fuse	Α	25 Class RK5/60 Class J
Special Purpose Ratings		
Electrical Discharge Lamps (Ballast)		
480V 60Hz 3phase, 277V 60Hz 1phase	Α	20
600V 60Hz 3phase, 347V 60Hz 1phase	Α	20
Incandescent Lamps (Tungsten)		
480V 60Hz 3phase, 277V 60Hz 1phase	A	14
600V 60Hz 3phase, 347V 60Hz 1phase	Α	14
Resistance Air Heating	A	20
480V 60Hz 3phase, 277V 60Hz 1phase 600V 60Hz 3phase, 347V 60Hz 1phase		
Refrigeration Control (CSA only)	Α	20
LRA 480V 60Hz 3phase	A	60
FLA 480V 60Hz 3phase	A	10
LRA 600V 60Hz 3phase	A	60
FLA 600V 60Hz 3phase	A	10
Definite Purpose Ratings (100,000 cycles acc. to UL 1995)	,,	
LRA 480V 60Hz 3phase	Α	90
FLA 480V 60Hz 3phase	A	15
Elevator Control		
200V 60Hz 3phase	HP	2
200V 60Hz 3phase	Α	7.8
240V 60Hz 3phase	НР	3
240V 60Hz 3phase	Α	9.6
480V 60Hz 3phase	НР	7.5
480V 60Hz 3phase	А	11
600V 60Hz 3phase	HP	7.5

# Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	15.5
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0.5
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	1.4
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	60
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects $$			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. $\label{eq:continuous}$

## **Technical data ETIM 8.0**

Low-voltage industrial components (EG000017) / Power contactor, AC switching (EC000066)

Low-voicage industrial components (Loudout 17) Fower contactor, Ac switching (L	_0000000/		
Electric engineering, automation, process control engineering / Low-voltage switch	ch technology / Co	ontactor	(LV) / Power contactor, AC switching (ecl@ss10.0.1-27-37-10-03 [AAB718015])
Rated control supply voltage Us at AC 50HZ	V	<b>/</b>	230 - 230
Rated control supply voltage Us at AC 60HZ	V	<b>/</b>	240 - 240
Rated control supply voltage Us at DC	V	<b>V</b>	0 - 0
Voltage type for actuating			AC
Rated operation current le at AC-1, 400 V	A	4	22
Rated operation current le  at AC-3, 400 V	A	4	15.5
Rated operation power at AC-3, 400 V	k	κW	7.5
Rated operation current le  at AC-4, 400 V	A	Д	7
Rated operation power at AC-4, 400 V	k	κW	3
Rated operation power NEMA	k	κW	7.4
Modular version			No
Number of auxiliary contacts as normally open contact			1
Number of auxiliary contacts as normally closed contact			0
Type of electrical connection of main circuit			Screw connection
Number of normally closed contacts as main contact			0

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