DATASHEET - DILM17-22(230V50HZ,240V60HZ)

Contactor, 380 V 400 V 7.5 kW, 2 N/O, 2 NC, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals



Part no. DILM17-22(230V50HZ,240V60HZ)

Catalog No. 106364 Alternate Catalog XTCE018C22F

No.

Delivery program

Delivery program			
Product range			Contactors
Application			Contactors for Motors
Subrange			Complete devices up to 170 A
Utilization category			AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3/AC-3e: Normal AC induction motors: Starting, switching off while running AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Connection technique			Screw terminals
Notes			Also suitable for motors with efficiency class IE3. Also tested according to AC-3e.
Rated operational current			
AC-3			
380 V 400 V	I _e	Α	18
AC-1			
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
at 40 °C	$I_{th} = I_e$	Α	40
enclosed	I_{th}	Α	32
Conventional free air thermal current, 1 pole			
open	I_{th}	Α	88
enclosed	I_{th}	Α	80
Max. rating for three-phase motors, 50 - 60 Hz			
AC-3			
220 V 230 V	P	kW	5
380 V 400 V	P	kW	7.5
660 V 690 V	P	kW	11
AC-4			
220 V 230 V	P	kW	2.5
380 V 400 V	P	kW	4.5
660 V 690 V	P	kW	6.5
Contacts			
N/O = Normally open			2 N/O
N/C = Normally closed			2 NC
Instructions			Contacts to EN 50 012. with mirror contact.
Actuating voltage			230 V 50 Hz, 240 V 60 Hz
Voltage AC/DC			AC operation

Technical data

General

General			
Standards			IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanical			
AC operated	Operations	x 10 ⁶	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	6.9
Auxiliary contacts			
N/O contact		g	5.3
N/C contact		g	3.5
Degree of Protection			IP00
Protection against direct contact when actuated from front (EN 50274)			Finger and back-of-hand proof
Altitude		m	Max. 2000
Weight			
AC operated		kg	0.42
Screw connector terminals			
Terminal capacity main cable			
Solid		mm ²	1 x (0.75 - 16) 2 x (0.75 - 10)
Flexible with ferrule		mm ²	1 x (0.75 - 16) 2 x (0.75 - 10)
Stranded		mm ²	1 x 16
Solid or stranded		AWG	single 18 - 6, double 18 - 8
Stripping length		mm	10
Terminal screw			M5
Tightening torque		Nm	3.2
Tool			-
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
Terminal capacity control circuit cables			
Solid		mm ²	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Flexible with ferrule		mm ²	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			
Rated impulse withstand voltage	U_{imp}	V AC	8000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	Ui	V AC	690
Rated operational voltage	U _e	V AC	690
Safe isolation to EN 61140	- 6		
hatwoon coil and contacts		VAC	440

V AC

V AC

440

440

between coil and contacts

between the contacts

Making appoint in 6 to IEC/EN COORT			
Making capacity (p.f. to IEC/EN 60947)	Up to 690 V	A	238
Breaking capacity	Op to 090 V	A	250
220 V 230 V		A	170
380 V 400 V		A	170
500 V		Α	170
660 V 690 V		Α	120
Short-circuit rating			
Short-circuit protection maximum fuse			
Type "2" coordination			
400 V	gG/gL 500 V	Α	35
690 V	gG/gL 690 V	Α	35
Type "1" coordination			
400 V	gG/gL 500 V	Α	63
690 V	gG/gL 690 V	Α	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	A	40
at 50 °C	I _{th} =I _e	A	38
at 55 °C		A	37
at 60 °C	I _{th} =I _e		
	I _{th} =I _e	A	35
enclosed	I _{th}	Α	32
Conventional free air thermal current, 1 pole		Δ.	00
open	I _{th}	A	88
enclosed	I _{th}	Α	80
AC-3 Rated operational current			
Open, 3-pole: 50 – 60 Hz			
Notes			At maximum permissible ambient temperature (open.)
			Also tested according to AC-3e.
220 V 230 V	le	Α	18
240 V	I _e	Α	18
380 V 400 V	I _e	Α	18
415 V	I _e	Α	18
440V	I _e	Α	18
500 V	I _e	Α	18
660 V 690 V	I _e	Α	12
Motor rating	P	kWh	
220 V 230 V	P	kW	5
240V	P	kW	5.5
380 V 400 V	P	kW	7.5
415 V	P	kW	10
440 V	P	kW	10.5
500 V	Р	kW	12
660 V 690 V	Р	kW	11
AC-4			
Open, 3-pole: 50 – 60 Hz			
220 V 230 V	l _e	A	10
240 V	l _e	Α	10
380 V 400 V	l _e	Α	10
415 V	l _e	Α	10

\$00 \ 0				
Motor strong	440 V	I _e	Α	10
Mover rating	500 V	I _e	Α	10
250 V 250 V	660 V 690 V	l _e	Α	8
SAILY CARD P	Motor rating	P	kWh	
180 180 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190 190	220 V 230 V	P	kW	2.5
415 V	240 V	P	kW	3
### 149 V P	380 V 400 V	P	kW	4.5
\$50 \cdot		Р	kW	5
Part				
Dec			kW	
		P	kW	6.5
100				
Be V				
110 V		1	Δ	35
Current heat loss 2004, at 14, 60P W 7.9				
Spoke, at In, 662" W		le	А	33
Current heat loss at I ₄ to AC-2400 V W 21 Magnet systems W 27 AC operated Pick-up x U _e 0 8-1.1 AC operated Pick-up x U _e 0 3-1.6 Power consumption of the coil in a cold state and 1.0 x Ug Pick-up x U _e 50.4 50 Hz Sealing VA 52 50 Hz Sealing VA 7.1 50 Hz Sealing VA 7.2 60 Hz Sealing VA 8.7 60 Hz (Sealing Sealing VA) 8.0 10 Changewer line at 100 % Ug (recommended value) Main Main Main AC opporated Main ms			W	7.9
Impodance per pole				
Magnet systems Pick-up value XUccommended Pick-up value All 1 AC operated Drop-out value 2.03 - 0.6 3 - 0.6 Power consumption of the coil in a cold state and 1.0 vU _S Pick-up vA 5 2 50 Hz Sealing vA 7.1 50 Hz Sealing vA 7.1 60 Hz Pick-up VA 67 60 Hz Sealing VA 8.7 50500 Hz Sealing VA 8.7 60 Hz Sealing VA 8.7 50500 Hz Sealing VA 8.7 Closing felay The Commended value Main contacts AC operated The Coloring delay Acting time The Coloring delay The Coloring delay Acting time The Coloring delay The Coloring delay Acting time The Coloring time time time time time time time time				
Voltage tolerance Pick-up X U _c 88-1.1 Drop-out voltage AC operated Pick-up X U _c 08-1.1 90 Hz Voltage AC operated Voltage 2-2 90 Hz Pick-up VA 52 50 Hz Sealing VA 7.1 60 Hz Sealing VA 67 60 Hz Sealing VA 8.7 60 Hz Sealing VA 8.7 60 Hz Sealing VA 2.2 800 Hz Sealing VA 2.5 800 Hz Sealing VA 2.5 800 Hz Sealing VA 2.5 Butter			пΩ	2.1
Pick-up Value Pick-up Pick-u	Voltage tolerance			
Power consumption of the coil in a cold state and 1.0 x Us		Pick-up	x U _c	0.8 - 1.1
Power consumption of the coil in a cold state and 1.0 x Us	Drop-out voltage AC operated	Drop-out		0.3 - 0.6
Sealing VA 7.1		Pick-un	VA	52
Sealing W 2.1				
Sealing VA Seal				
60 Hz Sealing W 2.5 50/60 Hz Sealing W 2.5 Duty factor % DF 100 Changeover time at 100 % Us (recommended value) % DF 100 Main contacts F F AC operated F F Closing delay ms 16 - 22 Opening delay ms 10 Lifespan, mechanical; Coll 50/60 Hz ms 10 Lifespan, mechanical; Coll 50/60 Hz ms 10 Electromagnetic compatibility (EMC) ms 10 Emitted interference 10 10 10 Interference immunity 10 10 10 10 Maximum motor rating 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10				
Sealing W 25 20 Duty factor Changeover time at 100 % Us (recommended value) Main contacts AC operated Closing delay Opening delay Arcing time Lifespan, mechanical; Coll 50/60 Hz Electromagnetic compatibility (EMC) Eliteth interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 200 V 240 V 460 V				
Duty factor				
Changeover time at 100 % U _S (recommended value) Main contacts AC operated Closing delay Mms Closing delay Mms Arcing time Lifespan, mechanical; Coil 50/60 Hz Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 208 V 240 V 460 V 480 V 480 V 480 V 480 V 575 V Main contacts Maximus contacts Maximus contacts Interference immunity Maximus capacity HP 15 16 17 18 18 18 18 18 18 18 18 18		_		2
Main contacts AC operated Closing delay Opening delay Arcing time Itiespan, mechanical; Coil 50/60 Hz Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 460 V 480 V 480 V 480 V 575 V Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" to EN 60947-1 to EN 60947-1 to EN 60947-1 The Phase HP 5 10 480 V 480	Duty factor		% DF	100
AC operated Closing delay Opening delay Arcing time Itiespan, mechanical; Coil 50/60 Hz Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 208 V 208 V 480 V 480 V 480 V 575 V Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" To EN 60947-1 to EN 60947-1 to EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN 60947-1 To EN	Changeover time at 100 % U_S (recommended value)			
Closing delay Opening delay Arcing time Interpan, mechanical; Coil 50/60 Hz Electromagnetic compatibility (EMC) Emitted interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 240 V 240 V 460 V 480 V 480 V 480 V 480 V 480 V 575 V Mright middle Arcing time ms 16 - 22 ms 8 - 14 ms 10 Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" to EN 60947-1 to EN 60947-1 to EN 60947-1 to EN 60947-1 For Electromagnetic compatibility (EMC) The electromagnetic compatibility (EMC) ##P 5 10 11 10 15 15 16 17 18 18 19 10 18 18 18 18 18 18 19 18 18 18	Main contacts			
Opening delay Arcing time ms 10 x 10 ⁶ Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" 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 460 V 480 V 480 V 480 V 575 V HP 15				
Arcing time ms 10 Lifespan, mechanical; Coil 50/60 Hz x 10 ⁶ Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V HP 5 230 V 240 V HP 5 460 V 480 V HP 15			ms	
Lifespan, mechanical; Coil 50/60 Hz Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 400 V 480 V 480 V 480 V 575 V Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general" to EN 60947-1 to EN 60947-1 HP 5			ms	
general" Ellectromagnetic compatibility (EMC) Emitted interference to EN 60947-1 Interference immunity to EN 60947-1 Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 460 V 460 V 480 V Fry V Emitted interference to to EN 60947-1 to EN 60947-1 to EN 60947-1 to EN 60947-1 For End 60947-1				
Electromagnetic compatibility (EMC) Emitted interference Interference immunity Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 460 V 480 V 480 V 575 V HP 15	Lifespan, mechanical; Coil 50/60 Hz		x 10 ⁶	Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general"
Emitted interference immunity to EN 60947-1 Interference immunity to EN 60947-1 Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 460 V 480 V 480 V First of EN 60947-1 to EN 6094	Electromagnetic compatibility (EMC)			•
Rating data for approved types Switching capacity Maximum motor rating Three-phase 200 V 208 V 1460 V 480 V 1575 V Maximum motor rating HP 15	Emitted interference			to EN 60947-1
Switching capacity Image: Common control of the common control o	Interference immunity			to EN 60947-1
Maximum motor rating Image: Control of the phase Image	Rating data for approved types			
Three-phase	Switching capacity			
200 V 208 V				
230 V				
230 V 240 V 460 V 480 V HP 10			HP	5
240 V 460 V 480 V 575 V HP 15			НР	5
480 V HP 15	240 V			
			HP	10
600 V	575 V		НР	15
	600 V			

Single-phase		
115 V	НР	2
120 V	III	
230 V	HP	3
240 V General use	A	40
Auxiliary contacts	A	40
Pilot Duty		
AC operated		A600
DC operated		P300
General Use		1 000
AC	V	600
AC	A	10
DC	V	250
DC	A	1
Short Circuit Current Rating	SCCR	
Basic Rating		
SCCR	kA	5
max. Fuse	Α	125
max. CB	Α	125
480 V High Fault		
SCCR (fuse)	kA	10/100
max. Fuse	А	125/70 Class J
SCCR (CB)	kA	10/65
max. CB	Α	50/32
600 V High Fault		
SCCR (fuse)	kA	10/100
max. Fuse	А	125/70 Class J
SCCR (CB)	kA	10/22
max. CB	Α	50/32
Special Purpose Ratings		
Electrical Discharge Lamps (Ballast)		
480V 60Hz 3phase, 277V 60Hz 1phase	Α	40
600V 60Hz 3phase, 347V 60Hz 1phase	Α	40
Incandescent Lamps (Tungsten)		
480V 60Hz 3phase, 277V 60Hz 1phase	А	40
600V 60Hz 3phase, 347V 60Hz 1phase	Α	40
Resistance Air Heating		
480V 60Hz 3phase, 277V 60Hz 1phase	Α	40
600V 60Hz 3phase, 347V 60Hz 1phase	А	40
Refrigeration Control (CSA only)		212
LRA 480V 60Hz 3phase	Α	240
FLA 480V 60Hz 3phase	Α	40
LRA 600V 60Hz 3phase	Α	180
FLA 600V 60Hz 3phase Definite Purpose Ratings (100,000 cycles acc. to UL 1995)	A	30
LRA 480V 60Hz 3phase	A	108
FLA 480V 60Hz 3phase	A	18
Elevator Control	Α	
200V 60Hz 3phase	НР	3
200V 60Hz 3phase	A	11
240V 60Hz 3phase	HP	3
240V 60Hz 3phase	A	9.6
480V 60Hz 3phase	HP	7.5
480V 60Hz 3phase	Α	11
600V 60Hz 3phase	НР	10
ouov ounz spiiase	нР	IU

600V 60Hz 3phase A 11

Design verification as per IEC/EN 61439

Design verification as per IEG/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	18
Heat dissipation per pole, current-dependent	P _{vid}	W	0.7
Equipment heat dissipation, current-dependent	P _{vid}	W	2.1
Static heat dissipation, non-current-dependent	P _{vs}	W	2.1
Heat dissipation capacity	P _{diss}	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.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $ \\$
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Power contactor, AC switching (E	C000066)		
Electric engineering, automation, process control engineering / Low-voltage switch	ch technology /	Contactor	(LV) / Power contactor, AC switching (ecl@ss10.0.1-27-37-10-03 [AAB718015])
Rated control supply voltage Us at AC 50HZ		V	230 - 230
Rated control supply voltage Us at AC 60HZ		V	240 - 240
Rated control supply voltage Us at DC		V	0 - 0
Voltage type for actuating			AC
Rated operation current le at AC-1, 400 V		Α	40
Rated operation current le at AC-3, 400 V		Α	18
Rated operation power at AC-3, 400 V		kW	7.5
Rated operation current le at AC-4, 400 V		Α	10
Rated operation power at AC-4, 400 V		kW	4.5
Rated operation power NEMA		kW	7.4
Modular version			No
Number of auxiliary contacts as normally open contact			2
Number of auxiliary contacts as normally closed contact			2

Type of electrical connection of main circuit	Screw connection
Number of normally closed contacts as main contact	0
Number of normally open contacts as main contact	3