



Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated insulation voltage Ui IEC/EN Rated insulation voltage Uimp Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current Ith A 70 Operational current Ie AC-1 (≤40°C) A 70 AC-1 (≤55°C) A 60 AC-1 (≤70°C) A 50 AC-3 (≤440°C) A 70 AC-4 (400°V) A 24 Rated operational power AC-3 (T≤55°C) Rated operational power AC-3 (T≤55°C) Rated operational current AC-3 (T≤55°C) Rated operational curren				
Contact characteristics Number of poles Nr. 3 Rated insulation voltage Ui IEC/EN V 1000 Rated impulse withstand voltage Ulimp kV 8 Operational frequency min Hz 25 max Hz 400 Hz 400 IEC Conventional free air thermal current Ith A 70 A 70 A 70 A 60 AC-1 (≤55°C) A 60 AC-1 (≤55°C) A 60 AC-4 (4000) A 50 AC-4 (4000) A 24 AC-4 (4000) A 22 AC-4 (4000) A 24 AC-4 (4000) A 22 AC-4 (4000) A 22 AC-4 (4000) A 22 AC-4 (4000) AC-4 (4000) AC-4 (4000) AC-4 (4000) AC-4 (4000) AC-4 (4000)	Product designation			Power contactor
Number of poles Rated insulation voltage Ui IEC/EN Rated insulation voltage Uirpo Nr. 3	Product type designation			BF40
Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated impulse withstand voltage Uimp No Rated Operational frequency No Rated Operational frequency No Rated Operational current Ith No Rated Operational current Ith No Rated Operational power AC-3 (T≤55°C) No Rated Operational power AC-3 (T≤55°C) No Rated Operational power AC-3 (T≤55°C) No Rated Operational current AC-3 (T≤55°C) No Rated Operational power AC-1 (T≤40°C) No Rated Operatio	Contact characteristics			
Rated impulse withstand voltage Uimp Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth Operational current le AC-1 (≤40°C) A 70 AC-1 (≤55°C) A 60 AC-1 (≤55°C) A 50 AC-3 (≤440∨ ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) Rated operational current AC-3 (T≤55°C) 230V kW 22 440V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 500V A 33 690V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 58 690V kW 79 IEC max current le in DC1 with L/R≤1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - 40 110V A 8 110V A	Number of poles		Nr.	3
Min Hz 25 max Hz 400 EC Conventional free air thermal current lith A 70	Rated insulation voltage Ui IEC/EN		V	1000
Min Hz 25 400 Max Hz 400 Max	Rated impulse withstand voltage Uimp		kV	8
IEC Conventional free air thermal current lth	Operational frequency			
IEC Conventional free air thermal current lth		min	Hz	25
Operational current le AC-1 (≤40°C) A 70 AC-1 (≤55°C) A 60 AC-1 (≤50°C) A 50 AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 22 690V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V kW 12 690V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V kW 12 690V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 500V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 46 500V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		max	Hz	400
AC-1 (≤40°C) A 70 AC-1 (≤55°C) A 60 AC-1 (≤70°C) A 50 AC-3 (≤440V ≤55°C) A 40 AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 440V A 40 415V A 40 440V A 40 415V A 40 440V A 40 415V A 40 A15V A 40 A15	IEC Conventional free air thermal current Ith		Α	70
AC-1 (≤55°C) A 60 AC-1 (≤70°C) A 50 AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 440V A 40 4415V A 40 4415V A 40 4415V A 40 440V A 33 690V A 32 1000V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 440V kW 26 450V kW 26 450V kW 30 100V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	Operational current le			
AC-1 (≤55°C) A 60 AC-1 (≤70°C) A 50 AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 440V A 40 4415V A 40 4415V A 40 4415V A 40 440V A 33 690V A 32 1000V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 440V kW 26 450V kW 26 450V kW 30 100V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series		AC-1 (≤40°C)	Α	70
AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 550V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		•	Α	60
AC-3 (≤440V ≤55°C) A 40 AC-4 (400V) A 24 Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 550V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		•	Α	50
Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 40 415V A 40 400V A 40 415V A 40 410V A 40 500V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			Α	
Rated operational power AC-3 (T≤55°C) 230V kW 11 400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 40 415V A 40 415V A 40 500V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V KW 26 400V A 21 Rated operational power AC-1 (T≤40°C) 230V KW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series				
230V kW 11 400V kW 18.5 415V kW 22 446V kW 22 500V kW 30 1000V kW 30 1000V kW 18.5 8 1000V kW 18.5 8 1000V kW 18.5 8 1000V kW 18.5 8 1000V kW 40 415V kW 40 415V kW 40 446V kW 46 500V kW 58 690V kW 58 690V kW 79 8 1000V kW 79 1000V kW 70 1000V kW 7	Rated operational power AC-3 (T≤55°C)	,		
400V kW 18.5 415V kW 22 440V kW 22 500V kW 30 1000V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 40 440V A 40 440V A 40 440V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	, ,	230V	kW	11
415V kW 22 440V kW 22 500V kW 30 1000V kW 18.5 Rated operational current AC-3 (T≤55°C) 230V A 40 440V A 40 4415V A 40 4415V A 40 440V A 40 440V A 40 500V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 524V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		400V	kW	
440V kW 22			kW	
690V kW 30 1000V kW 18.5 18.5 1000V kW 18.5 18.5 1000V kW 18.5 1000V kW 18.5 1000V kW 18.5 1000V kW 40 18.5		440V	kW	
Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 40 440V A 40 500V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		500V	kW	22
Rated operational current AC-3 (T≤55°C) 230V A 40 400V A 40 415V A 40 440V A 40 500V A 33 690V A 32 1000V A 21 Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A -		690V	kW	
230V		1000V	kW	18.5
230V	Rated operational current AC-3 (T≤55°C)			
415V		230V	Α	40
440V		400V	Α	40
S00V A 33 690V A 32 1000V A 21		415V	Α	40
Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 79		440V	Α	40
Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79		500V	Α	33
Rated operational power AC-1 (T≤40°C) 230V kW 26 400V kW 46 500V kW 58 690V kW 79 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A -		690V	Α	32
230V kW 26 400V kW 46 500V kW 58 690V kW 79		1000V	Α	21
400V kW 46 500V kW 58 690V kW 79	Rated operational power AC-1 (T≤40°C)			
Soov kW 58 690V kW 79		230V	kW	26
EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V		400V	kW	46
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 40 48V A 35 75V A 30 110V A 8 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		500V	kW	58
≤24V A 40 48V A 35 75V A 30 110V A 8 220V A –		690V	kW	79
≤24V A 40 48V A 35 75V A 30 110V A 8 220V A –	IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
48V A 35 75V A 30 110V A 8 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	·	≤24V	Α	40
75V A 30 110V A 8 220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series				
$ 110V \qquad A \qquad 8 \\ 220V \qquad A \qquad - \\ \hline {\rm IEC \ max \ current \ le \ in \ DC1 \ with \ L/R \le 1ms \ with \ 2 \ poles \ in \ series } $		75V		
220V A − IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		220V		_
	IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
= · · · · · · · · · · · · · · · · · · ·	·	≤24V	Α	48



	48V	Α	48
	75V	Α	45
	110V	Α	42
	220V	Α	5
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		,,	
120 max current to in 201 with 2/102 miles with 5 poics in series	≤24V	Α	48
	≥24 V 48 V		
		A	48
	75V	Α	48
	110V	Α	44
	220V	Α	56
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	70
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	27
	48V	A	23
	75V	A	19
	75V 110V	A	
			3
150	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	32
	48V	Α	30
	75V	Α	27
	110V	Α	22
	220V	Α	5
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
· ·	≤24V	Α	40
	48V	Α	40
	75V	Α	38
	110V	A	27
	220V	A	32
IFC many asymmetric in DC2 DC5 with L/D < 45 man with A nales in agriculture.	220 V		32
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	40.41.4		
	≤24V	A	_
	48V	Α	_
	75V	Α	_
	110V	Α	_
	220V	Α	40
Short-time allowable current for 10s (IEC/EN60947-1)		Α	400
Protection fuse			
	gG (IEC)	Α	100
	aM (IEC)	Α	50
Making capacity (RMS value)	\ -/	Α	400
Breaking capacity at voltage		,,	
breaking capacity at voltage	440V	۸	320
		A	
	500V	A	265
	690V	A	256
Resistance per pole (average value)		mΩ	0.8
Power dissipation per pole (average value)			
	Ith	W	3.9
	AC-3	W	1.3
Tightening torque for terminals			



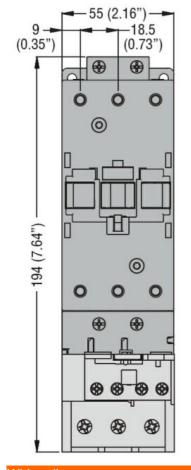
		min	Nm	4
		max	Nm	5
		min	lbin	2.95
		max	Ibin	3.69
Tightening torque for o	coil terminal			
rigintorning torquo for c		min	Nm	0.8
		max	Nm	1
			Ibin	
		min		0.8
		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		2
	Flexible w/o lug conductor section			
		min	mm²	1.5
		max	mm²	35
	Flexible c/w lug conductor section			
	5	min	mm²	1.5
		max	mm²	35
Power terminal protoc	tion according to IEC/EN 60529	HICA		IP20 front
Mechanical features	MON ACCORDING TO ILO/LIN 00329			11 20 110111
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	1060
Conductor section				
Conductor section	AWG/kcmil conductor section			
Conductor section	AWG/kcmil conductor section	max		2
	AWG/kcmil conductor section	max		2
Operations	AWG/kcmil conductor section	max	ovelos	
Operations Mechanical life	AWG/kcmil conductor section	max	cycles	15000000
Operations Mechanical life Electrical life	AWG/kcmil conductor section	max	cycles cycles	
Operations Mechanical life Electrical life Safety related data		max		15000000
Operations Mechanical life Electrical life Safety related data	AWG/kcmil conductor section Od according to EN/ISO 13489-1		cycles	15000000 1500000
Operations Mechanical life Electrical life Safety related data		rated load	cycles	1500000 1500000 1500000
Operations Mechanical life Electrical life Safety related data Performance level B1	0d according to EN/ISO 13489-1		cycles	15000000 1500000
Operations Mechanical life Electrical life Safety related data Performance level B1		rated load	cycles	1500000 1500000 1500000
Operations Mechanical life Electrical life Safety related data Performance level B1	0d according to EN/ISO 13489-1	rated load	cycles	1500000 1500000 1500000 15000000
Operations Mechanical life Electrical life Safety related data Performance level B1	0d according to EN/ISO 13489-1	rated load	cycles	1500000 1500000 1500000 15000000 yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1	rated load	cycles	1500000 1500000 1500000 15000000 yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1	rated load mechanical load	cycles cycles cycles	1500000 1500000 1500000 15000000 yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1	rated load mechanical load min	cycles cycles cycles	1500000 1500000 1500000 15000000 yes yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1	rated load mechanical load	cycles cycles cycles	1500000 1500000 1500000 15000000 yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz	rated load mechanical load min	cycles cycles cycles	1500000 1500000 1500000 15000000 yes yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	rated load mechanical load min	cycles cycles cycles	1500000 1500000 1500000 15000000 yes yes
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz	rated load mechanical load min max	cycles cycles cycles	1500000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	rated load mechanical load min max	cycles cycles cycles	15000000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	Od according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up	rated load mechanical load min max	cycles cycles cycles	1500000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	0d according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	rated load mechanical load min max	cycles cycles cycles V V V	1500000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	Od according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	rated load mechanical load min max	cycles cycles cycles	15000000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	Od according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up	rated load mechanical load min max min max	cycles cycles cycles V V V	1500000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	Od according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	rated load mechanical load min max min max	cycles cycles cycles V V V	1500000 1500000 1500000 15000000 yes yes 100 250
Operations Mechanical life Electrical life Safety related data Performance level B1 Mirror contats according EMC compatibility AC coil operating Rated AC voltage at 5	od according to EN/ISO 13489-1 ng to IEC/EN 609474-4-1 0/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	rated load mechanical load min max min max	cycles cycles cycles V V V	1500000 1500000 1500000 15000000 yes yes 100 250

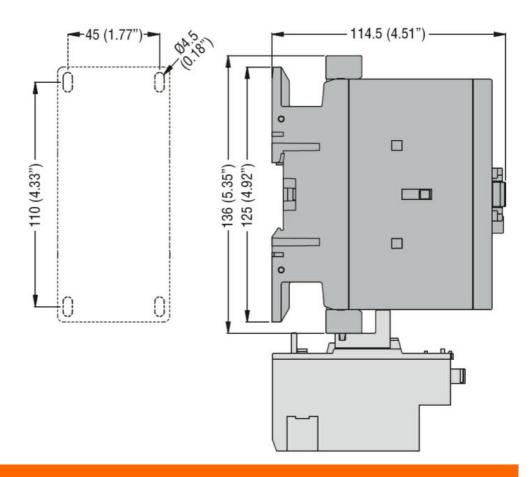


			max	%Us	110 Us max
		drop-out	max	%Us	≤70 Us min
AC average coil consu	ımption at 20°C		· · · · · · · · · · · · · · · · · · ·	7000	
	of 50/60Hz coil power	ered at 50Hz	• 1		05 400
			in-rush holding	VA VA	35120 1.53.7
	of 50/60Hz coil power	ered at 60Hz	noiding	V/ (1.00.1
			in-rush	VA	35120
Discinction at holding	<20°C E0∐-		holding	VA W	1.53.7
Dissipation at holding: DC coil operating	S20 C 50HZ			VV	12.5
DC rated control voltage	ge				
			min	V	100
			max	V	250
DC operating voltage	pick-up				
	ріск-ир		min	%Us	80 Us min
			max	%Us	110 Us max
	drop-out				
A	L' - 40000		max	%Us	≤70 Us min
Average coil consump	tion ≤20°C		in-rush	W	2368
			holding	W	1.21,9
Max cycles frequency			J		,
Mechanical operation				cycles/h	1500
Operating times					
Avaraga tima tar He a	ontrol				
Average time for Us co					
Average time for Us co	ontrol in AC	Closing NO			
Average time for Us co		Closing NO	min	ms	12
Average time for Us co			min max	ms ms	12 28
Average time for Us co		Closing NO Opening NO	max	ms	28
Average time for Us co					
Average time for Us co		Opening NO	max min	ms ms	28 8
Average time for Us co	in AC		max min max	ms ms ms	28 8 22
Average time for Us co	in AC	Opening NO	max min max min	ms ms ms	28 8 22 40
Average time for Us co	in AC	Opening NO	max min max	ms ms ms	28 8 22
Average time for Us co	in AC	Opening NO Closing NO	max min max min max min max min	ms ms ms	28 8 22 40 85 20
	in AC	Opening NO Closing NO	max min max min max	ms ms ms	28 8 22 40 85
UL technical data	in AC	Opening NO Closing NO Opening NO	max min max min max min max min	ms ms ms	28 8 22 40 85 20
	in AC	Opening NO Closing NO Opening NO	max min max min max min max min	ms ms ms	28 8 22 40 85 20
UL technical data Full-load current (FLA)	in AC in DC ofor three-phase AC m	Opening NO Closing NO Opening NO	max min max min max min max	ms ms ms ms ms	28 8 22 40 85 20 55
UL technical data	in AC in DC of for three-phase AC merformance	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V	ms ms ms ms ms ms	28 8 22 40 85 20 55
UL technical data Full-load current (FLA)	in AC in DC ofor three-phase AC m	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V at 600V	ms ms ms ms ms ms	28 8 22 40 85 20 55 40 32
UL technical data Full-load current (FLA)	in AC in DC of for three-phase AC merformance	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V at 600V	ms ms ms ms ms ms	28 8 22 40 85 20 55 40 32
UL technical data Full-load current (FLA)	in AC in DC of for three-phase AC merformance	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V at 600V	ms ms ms ms ms ms	28 8 22 40 85 20 55 40 32
UL technical data Full-load current (FLA)	in AC in DC for three-phase AC merformance for single-phase AC	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V at 600V 110/120V 230V 230V	ms ms ms ms ms ms A A HP HP	28 8 22 40 85 20 55 40 32 3 7.5
UL technical data Full-load current (FLA)	in AC in DC for three-phase AC merformance for single-phase AC	Opening NO Closing NO Opening NO otor	max min max min max min max at 480V at 600V 110/120V 230V	ms ms ms ms ms ms hs	28 8 22 40 85 20 55 40 32



		575/600V	HP	30
General USE				
	Contactor			
		AC current	Α	70
Short-circuit protection	on fuse, 600V			
	High fault			
		Short circuit current	kA	100
		Fuse rating	Α	150
		Fuse class		J
	Standard fault	. 466 61465		
	Claridara radic	Short circuit current	kA	5
		Fuse rating	A	150
		Fuse class	, ,	RK5
Ambient conditions		, ace diaec		1110
Temperature				
Tomporataro	Operating temperature			
	Operating temperature	min	°C	-40
		max	°C	70
	Storage temperature	max		70
	Otorage temperature	min	°C	-50
		max	°C	80
Max altitude		IIIdA	 	3000
Resistance & Protect	tion		111	3000
Pollution degree				3
Dimensions				J

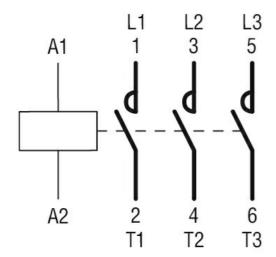




Wiring diagrams

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 40A, AC/DC COIL, 100...250VAC/DC



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-1

UL 60947-1

UL 60947-4-1

Certificates

CCC

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching