



Product designation Product type designation			Power contactor BF26
Contact characteristics			DI 20
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			0
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		A	45
Operational current le			
	AC-1 (≤40°C)	А	45
	AC-1 (≤55°C)	А	36
	AC-1 (≤70°C)	А	32
	AC-3 (≤440V ≤55°C)	А	26
	AC-4 (400V)	А	11.5
Rated operational power AC-3 (T≤55°C)			
	230V	kW	7.3
	400V	kW	13
	415V	kW	14
	440V	kW	14
	500V	kW	15.6
	690V	kW	18.5
Rated operational power AC-1 (T≤40°C)			
	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	Α	25
	48V	А	21
	75V	A	18
	110V	A	6
	220V	A	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	A	22
	220V	A	2
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series		-	
	≤24V	A	28
	48V	A	28
	75V	A	25
	110V	A	24



	220V	А	20	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series				
	≤24V	А	28	
	48V	А	28	
	75V	A	25	
	110V	A	24	
	220V	A	26	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series	2201	71	20	
	≤24V	А	18	
	48V	A	15	
	48V 75V			
		A	13	
	110V	A	2	
	220V	A	-	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series		_		
	≤24V	A	20	
	48V	A	20	
	75V	А	18	
	110V	Α	13	
	220V	А	3	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series				
	≤24V	А	25	
	48V	А	25	
	75V	А	20	
	110V	А	18	
	220V	A	19	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series				
	≤24V	А	30	
	48V	A	30	
	48V 75V	A	25	
	110V			
	220V	A	20	
	2200	<u>A</u>	15	
Short-time allowable current for 10s (IEC/EN60947-1)		A	210	
Protection fuse		_		
	gG (IEC)	A	50	
	aM (IEC)	A	32	
Making capacity (RMS value)		Α	260	
Breaking capacity at voltage				
	440V	А	208	
	500V	А	184	
	690V	А	168	
Resistance per pole (average value)		mΩ	2	
Power dissipation per pole (average value)				
	lth	W	4	
	AC-3	Ŵ	1.4	
Tightening torque for terminals	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	min	Nm	2.5	
		Nm	2.5 3	
	max			
	min	Ibin	1.8	
	max	lbin	2.2	
Tightening torque for coil terminal				
	min	Nm	0.8	
	max	Nm	1	
	min	Ibin	0.8	



		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			C
	Flovible w/e lug conductor costion	max		6
	Flexible w/o lug conductor section	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section	Пах		10
		min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section			
		min	mm²	1
		max	mm²	10
Power terminal protec	ction according to IEC/EN 60529			IP20 when
				properly wired
Mechanical features				
Operating position				Mantiaalistas
		normal		Vertical plan
		allowable		±30° Screw / DIN rail
Fixing				35mm
Weight			g	416
Conductor section			9	
	AWG/kcmil conductor section			
		max		6
Operations				
Mechanical life			cycles	20000000
Electrical life			cycles	1600000
Safety related data				
Performance level B1	10d according to EN/ISO 13489-1			
		rated load	cycles	1600000
		nechanical load	cycles	2000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 6			V	575
AC operating voltage				
	of 60Hz coil powered at 60Hz			
	pick-up	min	%Us	80
		max	%Us	110
	drop-out	max	/000	
	sisp sur	min	%Us	20
		max	%Us	55
AC average coil cons	umption at 20°C			
-	of 60Hz coil powered at 60Hz			
	·	in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operation			cycles/h	3600
Operating times				

**BF2600A57560** The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



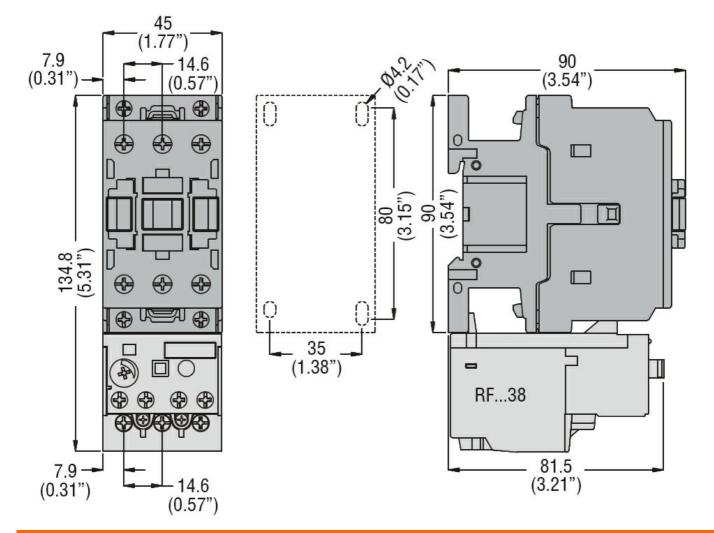
575VAC

In AC     Closing NO     min     ms     8       Opening NO     min     ms     5       max     ms     15       Closing NC     max     ms     9       max     ms     9       Opening NC     min     ms     9       max     ms     17       UL technical data     max     ms     17       Full-load current (FLA) for three-phase AC motor     min     ms     9       Yielded mechanical performance for single-phase AC motor     110/120V     HP     2       Yielded mechanical performance     110/120V     HP     7       for three-phase AC motor     200/208V     HP     7       200/208V     HP     7.5     20/208V     HP     7.5       460/480V     HP     15     5	Average time for Us of	control				
$\begin{tabular}{ c c c c } & & & & & & & & & & & & & & & & & & &$	J.					
$\begin{tabular}{ c                                   $			Closing NO			
Opening NOminms5maxms5Closing NCminms9maxms20Opening NCminms9maxms17UL technical dataTVielded mechanical performancefor single-phase AC motor110/120VHP2110/120VHP2200/208VHP7.5200/208VHP </td <td></td> <td></td> <td>-</td> <td>min</td> <td>ms</td> <td>8</td>			-	min	ms	8
$\begin{tabular}{ c                                   $				max	ms	24
$\begin{tabular}{ c                                   $			Opening NO			
Closing NC     min     ms     9       Opening NC     min     ms     9       min     ms     9       min     ms     9       Technical data     ms     17       Full-load current (FLA) for three-phase AC motor     at 480V     A     21       at 600V     A     22     22       Yielded mechanical performance     at 600V     A     22       for single-phase AC motor     200/208V     HP     2       200/208V     HP     7.5     220/208V     HP     7.5				min	ms	5
min     ms     9       Opening NC     min     ms     20       min     ms     9       max     ms     17       UL technical data				max	ms	15
$\begin{array}{c c c c c c } & max & ms & 20 \\ \hline \\ $			Closing NC			
Opening NC     min     ms     9       UL technical data     max     ms     17       Full-load current (FLA) for three-phase AC motor     at 480V     A     21       At 600V     A     22       Yielded mechanical performance     for single-phase AC motor     HP     2       110/120V     HP     2     230V     HP     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5     220/230V     HP     7.5       220/230V     HP     7.5     220/230V     HP     7.5       26eneral USE     Contactor     A     45       Short-circuit protection fuse, 600V     HP     10       High fault     Short circuit current     KA     100       Fuse rating     A     100     Eventation       Fuse rating     A     100     Eventation       Athient conditions     KA     5     5       Temperature     max     "C     70       Storage temperature				min	ms	9
$\begin{tabular}{ c c c c c } \hline \begin{tabular}{ c c c } \hline \begin{tabular}{ c c c } \hline \begin{tabular}{ c c } \hline tab$				max	ms	20
Image     mage     mage <thmage< th="">     mage     mage     <t< td=""><td></td><td></td><td>Opening NC</td><td></td><td></td><td></td></t<></thmage<>			Opening NC			
UL technical data       Full-load current (FLA) for three-phase AC motor     at 480V     A     21       at 600V     A     22       Yielded mechanical performance     for single-phase AC motor     110/120V     HP     2       230V     HP     5     5     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5     200/208V     HP     7.5       220/230V     HP     7.5     260/480V     HP     15       575/600V     HP     20     20     20     20       General USE     Contactor     AC current     A     45       Short-circuit protection fuse, 600V     High fault     Short circuit current     KA     100       Fuse class     J     Standard fault     Short circuit current     KA     5       Standard fault     Short circuit current     KA     5     5       Ambient conditions     Fuse rating     A     100       Ambient conditions     Tonon     Fuse rating     A				min	ms	9
Full-load current (FLA) for three-phase AC motor   at 480V   A   21     at 600V   A   22     Yielded mechanical performance for single-phase AC motor   110/120V   HP   2     230V   HP   2   230V   HP   5     for three-phase AC motor   200/208V   HP   7.5     220/230V   HP   7.5   220/230V   HP   7.5     460/480V   HP   15   575/600V   HP   20     General USE   Contactor   A   45     Short-circuit protection fuse, 600V   High fault   KA   100     Fuse class   J   Standard fault   Short circuit current Fuse class   KA   100     Ambient conditions   Temperature   KA   5   5   5     Temperature   Operating temperature   min   °C   -50   -50     max   °C   70   Storage temperature   min   °C   -60     Max attitude   max   max   °C   80   -60   -60     Max attitude   m   3   3				max	ms	17
$\begin{tabular}{ c c c c c } \hline A & 21 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 230V & HP & 7.5 \\ \hline 2 & 200/208V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 200/208V & HP & 7.5 \\ \hline 3 & 100 & 100 \\ \hline 1 & 100 & 100 \\ \hline 2 & 100 &$	UL technical data					
$\begin{tabular}{ c c c c c } \hline A & 21 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 22 \\ \hline A & 230V & HP & 2 \\ \hline A & 230V & HP & 7.5 \\ \hline 2 & 200/208V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 220/230V & HP & 7.5 \\ \hline 2 & 200/208V & HP & 7.5 \\ \hline 3 & 100 & 100 \\ \hline 1 & 100 & 100 \\ \hline 2 & 100 &$	Full-load current (FLA	) for three-phase AC mo	otor			
at 600V     A     22       Yielded mechanical performance for single-phase AC motor     110/120V     HP     2       230V     HP     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5     220/30V     HP     7.5       220/230V     HP     7.5     460/480V     HP     15       575/600V     HP     20     6				at 480V	А	21
for single-phase AC motor     110/120V     HP     2       110/120V     HP     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5     220/230V     HP     7.5       220/230V     HP     15     575/600V     HP     2.0       General USE     Contactor     AC current     A     45       Short-circuit protection fuse, 600V     High fault     A     100       Fuse rating     A     100     Fuse rating     A     100       Fuse rating     A     100     Fuse rating     A     100       Ambient conditions     Standard fault     Short circuit current     kA     5       Fuse rating     A     100     Fuse rating     A     100       Ambient conditions     Standard fault     Standard				at 600V	А	22
for single-phase AC motor     110/120V     HP     2       110/120V     HP     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5     220/230V     HP     7.5       220/230V     HP     15     575/600V     HP     2.0       General USE     Contactor     AC current     A     45       Short-circuit protection fuse, 600V     High fault     A     100       Fuse rating     A     100     Fuse rating     A     100       Fuse rating     A     100     Fuse rating     A     100       Ambient conditions     Standard fault     Short circuit current     kA     5       Fuse rating     A     100     Fuse rating     A     100       Ambient conditions     Standard fault     Standard	Yielded mechanical p	erformance				
$\begin{array}{c c c c c c } & 110/120V & HP & 2 \\ \hline & & & & & & \\ \hline & & & & & & & \\ \hline & & & &$			notor			
230V     HP     5       for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5       220/230V     HP     15       575/600V     HP     20       General USE     Contactor     AC current     A     45       Short-circuit protection fuse, 600V     HP     4     5       High fault     Short circuit current     KA     100       Fuse rating     A     100     5       Standard fault     Short circuit current     KA     5       Fuse rating     A     100     5       Ambient conditions     Fuse rating     A     100       Ambient conditions     Fuse rating     A     100       Ambient conditions     Fuse rating     A     100       Ambient conditions     Fuse rating     A     5       Temperature     Min     °C     70       Storage temperature     min     °C     70       Max attitude     m     3000     Max attitude		0 1		110/120V	HP	2
for three-phase AC motor     200/208V     HP     7.5       220/230V     HP     7.5       220/230V     HP     15       220/200V     HP     15       575/600V     HP     20       General USE     Contactor     A     45       Short-circuit protection fuse, 600V     High fault     Short circuit current     KA     100       Fuse rating     A     100     Fuse class     J     Standard fault       Short-circuit current     KA     5     Fuse class     J     Standard fault       Ambient conditions     Fuse rating     A     100     A     100       Armbient conditions     Fuse rating     A     100     A     100       Armbient conditions     Fuse rating     A     100     A     100     A       Armbient conditions     Fuse rating     A     100     A <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
200/208V     HP     7.5       220/230V     HP     7.5       460/480V     HP     15       575/600V     HP     20       General USE     Contactor     A     45       Short-circuit protection fuse, 600V     A     100       High fault     Short circuit current     KA     100       Fuse rating     A     100     Fuse class     J       Standard fault     Short circuit current     kA     5       Fuse rating     A     100     P       Ambient conditions     Fuse rating     A     100       Ambient conditions     C     70     70 </td <td></td> <td>for three-phase AC m</td> <td>otor</td> <td></td> <td></td> <td></td>		for three-phase AC m	otor			
220/230V     HP     7.5       460/480V     HP     15       575/600V     HP     20       General USE       Contactor     AC current     A     45       Short-circuit protection fuse, 600V     High fault     Short circuit current     KA     100       Fuse rating     A     100     Fuse class     J       Standard fault     Short circuit current     kA     5       Fuse rating     A     100       Ambient conditions     Temperature     Min     °C     -50       Temperature     Min     °C     -50     max     °C     70       Storage temperature     Min     °C     -60     max     °C     80       Max altitude     min     °C     -60     max     °C     80       Max altitude     min     °C     80     max     °C     80				200/208V	HP	7.5
460/480V     HP     15       General USE     Nort-circuit current     A     45       Short-circuit protection fuse, 600V     AC current     A     45       Short-circuit protection fuse, 600V     High fault     KA     100       Fuse rating     A     100     Fuse rating     A     100       Fuse rating     A     100     Fuse class     J     J       Standard fault     Short circuit current     KA     5     S       Temperature     Max attitude     X     70     X       Max altitude     Max altitude     Y     80     X       Max altitude     Max altitude     Max altitude     X     80						
General USE HP 20   General USE Contactor AC current A 45   Short-circuit protection fuse, 600V High fault Short circuit current KA 100   Fuse rating A 100 Fuse rating A 100   Fuse class J Short circuit current KA 5   Standard fault Short circuit current KA 5   Fuse rating A 100   Ambient conditions KA 5   Temperature Operating temperature min °C -50   Max altitude min °C -60   Max altitude m 3000						
General USE     AC current   A   45     Short-circuit protection fuse, 600V     High fault   Short circuit current   kA   100     Fuse rating   A   100     Fuse class   J     Standard fault   Short circuit current   kA   5     Fuse rating   A   100     Ambient conditions     Temperature   Operating temperature   min   °C   -50     Max altitude   min   °C   -60   -60     Max altitude   m   3000   3						
Contactor     AC current     A     45       Short-circuit protection fuse, 600V High fault       100       Fuse rating     A     100       Fuse rating     A     100       Fuse class     J     J       Standard fault     Short circuit current     kA     5       Standard fault     Short circuit current     kA     5       Fuse rating     A     100       Ambient conditions     X     100       Temperature     Verting temperature     Verting temperature       Operating temperature     min     °C     -50       Max altitude     min     °C     -60       Max altitude     m     3000     3	General USE					
AC currentA45Short-circuit protection fuse, 600V High faultShort circuit current Fuse rating A100 AFuse rating Fuse classA100 Fuse classStandard faultShort circuit current Fuse rating AKA5 Fuse AAmbient conditionsFuse rating AA100Ambient conditionsStandard faultShort circuit current Fuse rating AKA5 Fuse Fuse 		Contactor				
Short-circuit protection fuse, 600V   High fault   Short circuit current   kA   100     Fuse rating   A   100   Fuse rating   A   100     Fuse class   J   Standard fault   Short circuit current   kA   5     Standard fault   Short circuit current   kA   5   Fuse rating   A   100     Ambient conditions   Short circuit current   kA   5   Fuse rating   A   100     Ambient conditions   Fuse rating   A   100   A   100     Ambient conditions   Fuse rating   Max   C   -50				AC current	А	45
High fault     Short circuit current     KA     100       Fuse rating     A     100       Fuse class     J       Standard fault     J       Short circuit current     kA     5       Fuse rating     A     100       A     100     Short circuit current     kA     5       Fuse rating     A     100     Short circuit current     kA     5       Fuse rating     A     100     Standard fault     Short circuit current     kA     5       Fuse rating     A     100     Standard fault	Short-circuit protectio	n fuse, 600V				
Short circuit currentkA100Fuse rating Fuse classA100Fuse classJStandard faultShort circuit current Fuse ratingkA5Fuse ratingA100Ambient conditionsFuse rating Fuse ratingA100TemperatureOperating temperatureinterventioninterventionTemperatureOperating temperatureinterventioninterventionStorage temperatureinterventioninterventioninterventionMax altitudemin°CinterventionMax altitudem3000interventionPollution degreeinterventioninterventionPollution degreeinterventionintervention						
Fuse rating Fuse classA100 JStandard faultShort circuit current Fuse ratingKA5 AAmbient conditionsA100Ambient conditionsA100Temperaturemin°C-50 maxOperating temperaturemin°C70Storage temperaturemin°C60 maxMax altitudem3000Resistance & ProtectionJ		5		Short circuit current	kA	100
Fuse class   J     Standard fault   Short circuit current   kA   5     Fuse rating   A   100     Ambient conditions   Fuse rating   A   100     Temperature   Operating temperature   min   °C   -50     Max altitude   min   °C   -50   -50     Max altitude   min   °C   -60     Max altitude   m   3000   -60     Resistance & Protection   3   -60						
Standard fault   Short circuit current   kA   5     Fuse rating   A   100     Ambient conditions   -   -     Temperature   0   -     Operating temperature   -   -     min   °C   -50     max   °C   70     Storage temperature   -   -     min   °C   -60     max   °C   80     Max altitude   m   3000     Resistance & Protection   -   -     Pollution degree   -   -				-	-	
Short circuit current Fuse ratingkA5 100Ambient conditionsTemperatureOperating temperaturemin°C-50 °C70Storage temperaturemin°C-60 °C80Max altitudemResistance & ProtectionPollution degree3		Standard fault				
Fuse rating   A   100     Ambient conditions   Image: Conditions   Image: Conditions     Temperature   min   °C   -50     Operating temperature   min   °C   -50     Max   °C   70   -50     Storage temperature   min   °C   -60     Max altitude   m   3000     Resistance & Protection   3				Short circuit current	kA	5
Ambient conditions     Temperature     Operating temperature     min   °C   -50     max   °C   70     Storage temperature   min   °C   -60     max   °C   80     Max altitude   m   3000     Resistance & Protection     Pollution degree   3						
Temperature   Operating temperature     min   °C   -50     max   °C   70     Storage temperature   min   °C   -60     max   °C   80     Max altitude   m   3000     Resistance & Protection     Pollution degree   3	Ambient conditions					
Operating temperature   min   °C   -50     max   °C   70     Storage temperature   min   °C   -60     max   °C   80     Max altitude   m   3000     Resistance & Protection     Pollution degree   3						
min°C-50max°C70Storage temperaturemin°CMax altitude°C80Max altitudem3000Resistance & Protection3		Operating temperatur	e			
max°C70Storage temperaturemin°C-60max°C80Max altitudem3000Resistance & Protection3				min	°C	-50
Storage temperature   min   °C   -60     max   °C   80     Max altitude   m   3000     Resistance & Protection   3				max	°C	
min max°C °C-60 80Max altitudem3000Resistance & ProtectionPollution degree3		Storage temperature				
max°C80Max altitudem3000Resistance & Protection3		0 1		min	°C	-60
Max altitudem3000Resistance & Protection3						
Resistance & Protection     Pollution degree   3	Max altitude					
Pollution degree 3		ion				
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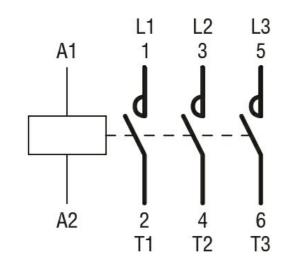
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 26A, AC COIL 60HZ, 575VAC



Wiring diagrams



## 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 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification	า	
		EC000066 -

ETIM 8.0

Power contactor, AC switching