



Product designation			Power contactor
Product type designation			BF18
Contact characteristics			
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
Conventional free air thermal current Ith IEC/EN		A	32
	N	A	52
Operational current le			20
	AC-1 (≤40°C)	A	32
	AC-3 (≤440V ≤55°C)	A	18
	AC-4 (400V)	A	8.5
Rated operational power AC-1 (T≤40°C)			
	230V	kW	12
	400V	kW	21
	500V	kW	26
	690V	kW	36
Rated operational power AC-3 (T≤55°C)			
	230V	kW	4
	400V	kW	7.5
	415V	kW	9
	440V	kW	9
	500V	kW	10
	690V	kW	10
Short-time allowable current for 10s (IEC/EN60	0947-1)	А	200
Protection fuse			
	gG (IEC)	А	32
	aM (IEC)	А	20
Making capacity (RMS value)		А	180
Breaking capacity at voltage			
	440V	А	144
	500V	А	120
	690V	A	94
Resistance per pole (average value)		mΩ	2.5
Power dissipation per pole (average value)		=	
r ower alcolpation per pere (average value)	Power dissipation pole (average value) Ith	W	2.6
	AC3	W	0.8
Tightening torque for terminals	A03	vv	0.0
	min	Nm	1.5
	max	Nm	1.5
	min	lbft	1.0
	11111		1.1

## Tightening torque for coil terminal

max

lbft

1.5



**BF1810A400** THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 400VAC, 1NO AUXILIARY CONTACT

Temperature       Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80       model         Max altitude       m       3000         Operating position normal       Vertical plan       +30°         Mounting       Screw / DIN rail       35mm					
min         loft         0.8           Max number of wires simultaneously connectable         rr.         2           Conductor section         rr.         2           AWG         min         16           max         10         16           Flexible w/o lug conductor section         min         rm <sup>2</sup> Flexible c/w lug conductor section         min         rm <sup>2</sup> Flexible c/w lug conductor section         min         rm <sup>2</sup> Flexible with insulated spade lug conductor section         min         rm <sup>2</sup> Flexible with insulated spade lug conductor section         min         rm <sup>2</sup> Flexible with insulated spade lug conductor section         min         rm <sup>2</sup> 1           Power terminal protection according to IEC/EN 60529         IP20 when wired         1NO           Awilary contract charactenstics         1NO         1           Thermal current It B AC-1 (sd0°C)         A         32           Operating current AC15         230V         A         3           Operating current DC12         24V         A         5.7           Operating current DC13         24W         A         5.7           Operating current DC13         24W         A         2.2<			min		0.8
max         lbft         0.74           Max number of wires simultaneously connectable         nr.         2           Conductor section					
Max number of wires simultaneously connectable         nr.         2           Conductor section         AWG         min         16           AWG         min         min         16           Flexible w/o lug conductor section         min         mm*         1           Flexible w/o lug conductor section         min         mm*         1           Flexible w/o lug conductor section         min         mm*         1           Flexible with insulated spade lug conductor section         min         mm*         4           Power terminal protection according to IEC/EN 60529         IP20 when wired         1NO           Atxiliary contact characteristics         1NO         1           Thermal current Ith         A         10         10           IEC/EN 60947-5-1 designation         A         32         0           Operating current AC15         230V         A         3           Operating current AC15         230V         A         1.4           Operating current DC12         10V         A         5.7           Operating current DC13         24V         A         5.7           Operating current DC13         24V         A         2.9           60V         A         2.3 <td></td> <td></td> <td>min</td> <td></td> <td></td>			min		
Conductor section         AWG         min         16           max         10         max         10           Flexible w/o lug conductor section         min         mm²         1           Flexible c/w lug conductor section         min         mm²         1           Flexible w/o lug conductor section         min         mm²         1           Flexible with insulated spade lug conductor section         min         mm²         1           Max         mm²         4         1         1           Power terminal protection according to IEC/EN 60529         IP20 when wired         1NO           Type of contact         1 NO         A         10           Thermal current Ith         A         10         100           Thermal current Ith         A         10         100           Operating current DC12         230V         A         3           Operating current DC13         24V         A         5.7           Operating current DC13         24V         A         5.7           Operating current DC13         24V         A         2.9           600V         A         1.2         35mm           125V         A         0.6         2.20V			max		
AWG         10           Flexible w/o lug conductor section         max         10           max         mm²         1           max         mm²         6           Flexible c/w lug conductor section         min         mm²         1           max         mm²         4         1           Flexible with insulated spade lug conductor section         min         mm²         4           Power terminal protection according to IEC/EN 60529         P20 when wired         1           Auxiliary contact charactoristics         rmax         nm²         4           Power terminal protection according to IEC/EN 60529         rmax         NO         1           Thermaic urrent th         A         10         10         1           Operational current te AC-1 (s40°C)         A         32         20           Operating current DC12         100V         A         3           Operating current DC12         110V         A         5.7           480V         A         2.9         60V         A         2.9           Gold         A         2.9         60V         A         2.2           Operating current DC13         24V         A         5.7         48		es simultaneously connectable		nr.	2
min         16           max         10           Flexible w/o lug conductor section         mm²           Flexible c/w lug conductor section         min         mm²           Flexible with insulated spade lug conductor section         min         mm²           max         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired           max         mm²         1           max         mm²         1           Power terminal protection according to IEC/EN 60529         IP20 when wired           Avxillary contact         nm²         1           Power terminal protection according to IEC/EN 60529         IP20 when wired           Avxillary contact         A         10           Thermal current th         A         1           Intervent th         A         1           Intervent th         A         32           Operating current AC15         230V         A         3           A000V         A         1.4         5.7           Operating current DC12         24V         A         5.7           Operating current DC13         24V         A         5.7           Operating temperature         max	Conductor section				
Image: Flexible w/o lug conductor section         image: mm²         1           Flexible c/w lug conductor section         min         mm²         1           Flexible c/w lug conductor section         min         mm²         1           Flexible with insulated spade lug conductor section         min         mm²         1           Flexible with insulated spade lug conductor section         min         mm²         1           Power terminal protection according to IEC/EN 60529         IP20 when wired         4           Prower terminal protection according to IEC/EN 60529         INO         A600 - P600           Atxiliary contact         A         10           Thermal current th         A         10           Deperational current Le AC-1 (s40°C)         A         32           Operating current DC12         230V         A         3           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           Operating temperature <td< td=""><td></td><td>AWG</td><td></td><td></td><td></td></td<>		AWG			
Flexible w/o lug conductor section         min         mm²         1           max         mm²         1           Flexible c/w lug conductor section         min         mm²         1           Flexible with insulated spade lug conductor section         min         mm²         4           Flexible with insulated spade lug conductor section         min         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired         Multiary contact characteristics           Type of contact         1 NO         A         10           Thermal current Ith         A         10         600 - P600           Operational current Le AC-1 (≤40°C)         A         32           Operating current DC12         230V         A         3           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           Operating current DC13         24V         A         2.9           60V         A         2.3         10V         A         2.3           Operating current DC13         24V         A         5.7         60V         A         2.3           60V         A         2.3					
min         mm2         1           Flexible c/w lug conductor section         min         mm2         1           Flexible with insulated spade lug conductor section         min         mm2         1           Flexible with insulated spade lug conductor section         min         mm2         1           Power terminal protection according to IEC/EN 60529         IP20 when wired         IP20 when wired           Auxilary contact characteristics         mm2         4           Thermal current lth         A         10         1           Thermal current LC15         230V         A         3           Operating current AC15         230V         A         3           Qoperating current DC12         10V         A         5.7           Operating current DC13         24V         A         5.7           Operating current DC13         24V         A         5.7           Ad8V         A         2.9         60V         A         3.2           Operating current DC13         24V         A         5.7         48V         A         2.9           GOV         A         1.2         35mm         2.9         60V         A         0.2           GOV         A			max		10
max         mm2         6           Flexible c/w lug conductor section         min         mm2         1           max         mm2         4           Flexible with insulated spade lug conductor section         mm2         4           Power terminal protection according to IEC/EN 60529         IP20 when wired         4           Auxiliary contact characteristics         INO         Themal current ith         A         10           IEC/EN 60947-5-1 designation         A         32         0         0           Operational current ite AC-1 (≤40°C)         A         3         4000 V         A         1,4           Operating current DC12         230V         A         3         400V A         1,4           Operating current DC13         24V         A         5,7         0           Operating current DC13         24V         A         5,7           Operating current DC13         24V         A         5,7           Operating current DC13         24V         A         5,7           Operating current DC13         24V         A         2,9           60V         A         1,2         2,0         A         1,2           Ambient conditions         C         7		Flexible w/o lug conductor section			
Flexible c/w lug conductor section         min         mm²         1           max         mm²         4           Flexible with insulated spade lug conductor section         min         mm²         1           max         mm²         4         1         1           Power terminal protection according to IEC/EN 60529         IP20 when wired         4         1           Auxiliary contact         1         NO         1         1         1           Thermal current Ith         A         10         1					
min         mm²         1 max         mm²         4           Flexible with insulated spade lug conductor section         min         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired         4           Auxiliary contact characteristics         INO         1NO           Thermal current In         A         10           IEC/EN 60947-5-1 designation         A 600 - P600           Operating current AC15         230V         A         3           Operating current AC15         230V         A         3           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           Max         A         0.6         220V         A         0.2           GOV         A         1.2         20V         A         0.2           Mouting         C         600         A<			max	mm <del>-</del>	6
max         mm²         4           Flexible with insulated spade lug conductor section         min         mm²         1           max         mm²         4         Power terminal protection according to IEC/EN 60529         IP20 when wired           Auxiliary contact characteristics         1 NO         Thermal current tim         A         10           Thermal current tim         A         100         A         32           Operational current AC15         230V         A         3           Operating current DC12         A         5.7           Operating current DC13         24V         A         5.7           Operating temperature         70         35mm         35mm           Tablent conditions         70         70         500V         A         1.2		Flexible c/w lug conductor section			
Flexible with insulated spade lug conductor section         min         mm²         1           max         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired           Auxilary contact characteristics         INO           Thermal current lth         A         10           Thermal current lth         A         10           Deparational current le AC-1 (≤40°C)         A         32           Operating current AC15         230V         A         3           4000V         A         1.9         500V         A         1.9           Operating current DC12         110V         A         5.7         0           Operating current DC13         24V         A         5.7         0           Operating current DC13         24V         A         5.7         0           Operating current DC13         24V         A         5.7         0           Mov         A         1.2         0         60V         A         2.9           60V         A         0.6         2.9         60V         A         1.2           Move         A         0.6         220V         A					
min         mm²         1           max         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired           Auxiliary contact characteristics         INO           Thermal current lth         A         10           EIC/EN 60947-5-1 designation         A600 - P600           Operational current LAC15         230V         A         32           Operating current AC15         230V         A         3           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           ABOV         A         0.2         35mm         35mm           110V         A         Screw / DIN rail         35mm           220V         A         0.2         600V         A         1.2		<b></b>	max	mm²	4
max         mm²         4           Power terminal protection according to IEC/EN 60529         IP20 when wired           Availiary contact characteristics         1 NO           Type of contact         1 NO           Thermal current Ith         A         10           IEC/EN 60947-5-1 designation         A         32           Operating current AC-1 (≤40°C)         A         32           Operating current AC-1 (≤40°C)         A         3           Qoperating current DC12         230V         A         3           4000V         A         1.4         0           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         2.3           110V         A         Screw / DIN rail         35mm           125V         A         0.6         220V         A         0.2           60V         A         1.2 </td <td></td> <td>Flexible with insulated spade lug conductor section</td> <td></td> <td></td> <td>4</td>		Flexible with insulated spade lug conductor section			4
Power terminal protection according to IEC/EN 60529         IP20 when wired           Auxilizy contact characteristics         1 NO           Thermal current Ith         A 10           IEC/EN 60947-5-1 designation         A600 - P600           Operational current Ie AC-1 (s40°C)         A 32           Operating current AC15         230V         A 3           Operating current DC12         230V         A 1.4           Operating current DC12         110V         A 5.7           Operating current DC13         24V         A 0.6           220V         A 0.6         2.3           110V         A 5.7         48V         A 2.9           60V         A 1.2         35mm         125V           A 0.6         220V         A 0.6         220V         A 0.2           60V         A 1.2         60V         A 1.2         60V         A 1.2           Ambient conditions         Trans         °C -50         70         70           Temperature         min< °C -50					
Auxiliary contact characteristics         1 NO           Type of contact         1 NO           Thermal current lth         A         10           EC/EN 60947-5-1 designation         A600 - P600           Operational current le AC-1 (s40°C)         A         32           Operating current AC15         230V         A         3           Operating current DC12         10V         A         5.7           Operating current DC13         24V         A         0.6           220V         A         0.6         2.3           110V         A         5.7         0.2           600V         A         1.2         0.2           600V         A         1.2         0.2           600V         A         1.2         0.2	<b>D</b>		max	mm <del>-</del>	
Type of contact         1 NO           Thermal current lth         A         10           IEC/EN 60947-5-1 designation         A600 - P600           Operational current Le AC-1 (s40°C)         A         3           Operating current AC15         230V         A         3           Operating current DC12         230V         A         1.9           Operating current DC12         500V         A         1.4           Operating current DC13         24V         A         5.7           ABOV         A         2.3         35mm           110V         A         Screw / DIN rail         35mm           125V         A         0.2         600V         A         1.2           Ambient conditions         min         °C         -50         50         50         50         50         50         50					IP20 when wired
Thermal current lth         A         10           IEC/EN 60947-5-1 designation         A600 - P600           Operating current le AC-1 (≤40°C)         A         32           Operating current AC15         230V         A         3           Querating current DC12         230V         A         3           Operating current DC13         24V         A         5.7           ABW         A         2.9         60V         A         2.3           110V         A         Screw / DIN rail         35mm           125V         A         0.6         220V         A         0.2           600V         A         1.2         A         0.6         220V         A         0.2           Ambient conditions         min         °C         -50         max         °C         70           Temperature         Min         °C         -60         max         °C         70           Storage temperature         min         °C         <		aracteristics			4 NO
IEC/EN 60947-5-1 designation       A600 - P600         Operational current le AC-1 (≤40°C)       A       32         Operating current AC15       230V       A       3         400V       A       1.9       500V       A       1.9         500V       A       1.4       0				٨	
Operational current le AC-1 (≤40°C)         A         32           Operating current AC15         230V         A         3           400V         A         1.9         500V         A         1.4           Operating current DC12         110V         A         5.7            Operating current DC13         24V         A         5.7            Operating current DC13         24V         A         5.7            A8V         A         2.9               Operating current DC13         24V         A         5.7		de class etters		A	
Operating current AC15         230V         A         3           400V         A         1.9         500V         A         1.4           Operating current DC12         110V         A         5.7            Operating current DC13         24V         A         5.7            48V         A         2.9           60V         A         2.3           110V         A         Screw / DIN rail         35mm          35mm           110V         A         Screw / DIN rail         35mm             110V         A         Screw / DIN rail         35mm </td <td></td> <td></td> <td></td> <td>•</td> <td></td>				•	
230V         A         3           400V         A         1.9           500V         A         1.4           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         2.9           60V         A         2.9         60V         A         2.3           60V         A         2.3         110V         A         Screw / DIN rail           35mm         125V         A         0.6         220V         A         0.2           600V         A         1.2         220V         A         0.2         600V         A         1.2           Ambient conditions           Temperature           0perating temperature         min         °C         -50           max         °C         70         Storage temperature         min         °C         -60           Max altitude         max         °C         -60         -60         -70         -70           Storage temperature         min         °C         -60         -60         -70         -70         -70         -70         -70         -70         -70         -70				A	32
400V         A         1.9           500V         A         1.4           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           48V         A         2.9         60V         A         2.3           60V         A         2.3         57mm         35mm           110V         A         Screw / DIN rail         35mm           125V         A         0.6         220V         A         0.2           600V         A         1.2         35mm         35mm         35mm           125V         A         0.6         220V         A         0.2         600V         A         1.2           Ambient conditions           Temperature           Operating temperature         min         °C         -50         70           Storage temperature         min         °C         -60         max         °C         80           Max altitude         m         3000         00         -430°         -430°         -430°         -430°         -430°         -430°         -430°         -430°         -430°	Operating current A	IC15		_	
500V         A         1.4           Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           24V         A         2.7         48V         A         2.9           60V         A         2.3         60V         A         2.3           110V         A         Screw / DIN rail         35mm           125V         A         0.6         220V         A         0.2           600V         A         1.2         Ambient conditions         A         1.2           Temperature           min         °C         -50           Max altitude         min         °C         -60           Max altitude         m         3000         Operating position normal         Vertical plan           Operating position allowable         ±30°         Screw / DIN rail         35mm					
Operating current DC12         110V         A         5.7           Operating current DC13         24V         A         5.7           48V         A         2.9         60V         A         2.3           110V         A         Screw / DIN rail         35mm         125V         A         0.6           220V         A         0.2         600V         A         1.2           Ambient conditions         00         A         1.2         A         0.6           220V         A         0.2         600V         A         1.2           Ambient conditions         min °C -50           Temperature         min °C -50           Operating temperature         min °C -70         Storage temperature         min °C -80           Max altitude         m         3000         Mounting         Vertical plan           Operating position normal Operating position allowable         Vertical plan         +30°					
110V         A         5.7           Operating current DC13         24V         A         5.7           48V         A         2.9         60V         A         2.3           110V         A         Screw / DIN rail         35mm         35mm           125V         A         0.6         220V         A         0.2           600V         A         1.2         Ambient conditions         A         1.2           Temperature           Min         °C         -50           max         °C         70           Storage temperature         min         °C         -60           Max altitude         m         3000           Operating position normal         Vertical plan         +30°           Mounting         Screw / DIN rail         35mm			500V	A	1.4
Operating current DC13         24V         A         5.7           48V         A         2.9         60V         A         2.3           110V         A         Screw / DIN rail         35mm           125V         A         0.6         220V         A         0.2           600V         A         1.2         600V         A         1.2           Ambient conditions           Temperature           Min         °C         -50           min         °C         -50           max         °C         70           Storage temperature           Max altitude         m         3000           Operating position normal         Vertical plan         +30°           Mounting         Screw / DIN rail         35mm	Operating current D	DC12			
24V       A       5.7         48V       A       2.9         60V       A       2.3         110V       A       Screw / DIN rail 35mm         125V       A       0.6         220V       A       0.2         600V       A       1.2         Ambient conditions         Temperature         Operating temperature         0       min       °C       -50         max       °C       70       -50         Storage temperature         min       °C       -60         max       °C       80         Max altitude       m       3000         Operating position normal       Vertical plan         dop       430°       -30°         Mounting       Screw / DIN rail       35mm			110V	A	5.7
48V       A       2.9         60V       A       2.3         110V       A       Screw / DIN rail 35mm         125V       A       0.6         220V       A       0.2         600V       A       1.2         Ambient conditions         Temperature         Operating temperature       min       °C       -50         max       °C       70       -50         Storage temperature       min       °C       -60         Max altitude       m       3000	Operating current D	DC13			
60V     A     2.3       110V     A     Screw / DIN rail 35mm       125V     A     0.6       220V     A     0.2       600V     A     1.2       Ambient conditions       Temperature       Operating temperature     min     °C     -50       max     °C     70       Storage temperature     min     °C     -60       Max altitude     m     3000       Operating position normal     Vertical plan       Operating position allowable     ±30°					
110V       A       Screw / DIN rail 35mm         125V       A       0.6         220V       A       0.2         600V       A       1.2         Ambient conditions         Temperature         Operating temperature       min       °C       -50         max       °C       70       -50         Storage temperature       min       °C       -60         Max altitude       m       3000       -60         Operating position normal       Vertical plan       +30°         Mounting       Screw / DIN rail       -35mm					
110v       A       35mm         125V       A       0.6         220V       A       0.2         600V       A       1.2         Ambient conditions         Temperature         Operating temperature         min °C -50         min °C -50         max °C 70         Storage temperature         Max altitude       m       3000         Operating position normal         Vertical plan       3000         Operating position allowable       ±30°         Mounting       Screw / DIN rail         Storage temperature			60V	A	
220V       A       0.2         600V       A       1.2         Ambient conditions         Temperature         min °C -50         max       °C       70         Storage temperature         min °C       -60         max       °C       80         Max altitude       m       3000         Operating position normal       Vertical plan         Operating position allowable       ±30°         Mounting       Screw / DIN rail         Storage temperature			110V	А	
Ambient conditions       600V       A       1.2         Temperature       Operating temperature       min       °C       -50         Max       °C       70       -50       max       °C       70         Storage temperature       min       °C       -60       max       °C       80         Max altitude       m       3000       -60       max       °C       80         Operational position       m       3000       -60       -60       -60       -60         Max altitude       m       3000       -60 <td< td=""><td></td><td></td><td>125V</td><td>А</td><td>0.6</td></td<>			125V	А	0.6
Ambient conditions         Temperature         Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Operational position       Operating position normal       Vertical plan         Operating position allowable       ±30°       Screw / DIN rail         Mounting       Screw / DIN rail       35mm			220V	А	0.2
Temperature       Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80       model         Max altitude       m       3000         Operating position normal       Vertical plan       +30°         Mounting       Screw / DIN rail       35mm			600V	А	1.2
Operating temperature       min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         Max altitude       m       3000         Operating position allowable       ±30°         Mounting       Screw / DIN rail 35mm	Ambient conditions				
min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Operational position       m       3000         Mounting       Screw / DIN rail 35mm	Temperature				
max       °C       70         Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Operational position       m       3000         Operating position normal Operating position allowable       ±30°         Mounting       Screw / DIN rail 35mm		Operating temperature			
Storage temperature       min       °C       -60         max       °C       80         Max altitude       m       3000         Operational position       Operating position normal Operating position allowable       Vertical plan         ±30°       Screw / DIN rail 35mm			min		
min       °C       -60         max       °C       80         Max altitude       m       3000         Operational position       Operating position normal       Vertical plan         Operating position allowable       ±30°       Screw / DIN rail         Mounting       Screw / DIN rail       35mm			max	°C	70
max       °C       80         Max altitude       m       3000         Operational position       Operating position normal       Vertical plan         Operating position allowable       ±30°       Screw / DIN rail         Mounting       Screw / DIN rail       35mm		Storage temperature			
Max altitude     m     3000       Operational position     Operating position normal Operating position allowable     Vertical plan ±30°       Mounting     Screw / DIN rail 35mm			min		
Operational position Operating position normal Vertical plan Operating position allowable ±30° Screw / DIN rail 35mm			max	°C	
Operating position normal     Vertical plan       Operating position allowable     ±30°       Mounting     Screw / DIN rail       35mm     35mm				m	3000
Operating position allowable     ±30°       Mounting     Screw / DIN rail 35mm	Operational positior				
Mounting Screw / DIN rail 35mm					
Mounting 35mm		Operating positio	n allowable		
Weight a 0.367	Mounting				
	Weight			g	0.367

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BF1810A400 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ,

400VAC, INO AUXILIARY CONTACT

Operations Mechanical life			Cycles	20000000
Electrical life			Cycles	1600000
Safety related data			Cycles	1000000
	0d according to EN/ISO 13489-1			
		rated load	Cicli	1600000
		mechanical load	Cicli	20000000
Mirror contats accordi	ng to IEC/EN 609474-4-1	meenamearidad	Oldi	yes
EMC compatibility				yes
AC coil operating				yes
AC operating voltage				
re operating reliage	of 50/60Hz coil powered at 50Hz			
	pick-up			
	plott up	min	%Us	0.8
		max	%Us	1.1
	drop-out	Пах	/000	
		min	%Us	0.2
		max	%Us	0.55
	of 50/60Hz coil powered at 60Hz	Пах	/000	0.00
	pick-up			
	plott dp	min	%Us	0.85
		max	%Us	1.1
	drop-out		,	
		min	%Us	0.2
		max	%Us	0.55
	of 60Hz coil powered at 60Hz		,	0.00
	pick-up			
	Pierc ap	min	%Us	0.8
		max	%Us	1.1
	drop-out		,	
		min	%Us	0.2
		max	%Us	0.55
AC operating voltage				
1 0 0	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA	9
	of 50/60Hz coil powered at 60Hz	3		
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz	3		
	•	in-rush	VA	75
		holding	VA	9
Dissipation at holding	≤20°C 50Hz		W	2.5
Max cycles frequency				
Mechanical operations			Cycles/h	3600
Operating times				
Average time for Us c	ontrol			
0	in AC			
	Closing NO			
		min	ms	8
		max	ms	24
			-	
	Openina NO			
	Opening NO	min	ms	10

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min

14

ms

**Closing NC** 



	max ma	s 28
	Opening NC	
	nin mi	s 7
	max ms	
JL technical data		
	tor	
Full-load current (FLA) for three-phase AC mo		
	at 480V A	
	at 600V A	17
'ielded mechanical performance for		
for single-phase AC n	notor	
	Yielded mechanical performance at 110/120V hp	o 1
	Yielded mechanical performance at 230V hp	3
for three-phase AC m	otor	
•	Yielded mechanical performance at 200/208V hp	o 5
	Yielded mechanical performance at 220/230V hp	
	Yielded mechanical performance at 460/480V hp	
	Yielded mechanical performance at 575/600V h	
Contact rating of auxiliary contacts according t		
Contact rating of auxiliary contacts according t		A600 - P600
General USE		
Contactor		
	AC current A	32
Other features		
Pollution degree		3
Dimensions		
6.2 (0.24") - (0.43") (0.43")		n

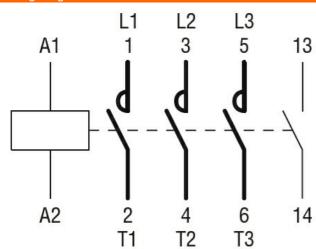
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



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## Wiring diagrams



## Certifications and compliance

Certifications	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
Compliance	
	CCC
	cULus
	EAC
ETIM 6 classification	

ETIM 6 classification

EC000066 - Power contactor, AC switching