



Product designation			Power contactor
Product type designation			BF26
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	45
Operational current le			
·	AC-1 (≤40°C)	Α	45
	AC-1 (≤55°C)	Α	36
	AC-1 (≤70°C)	Α	32
	AC-3 (≤440V ≤55°C)	Α	26
	AC-4 (400V)	Α	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)			
Training of the second of the	230V	kW	17
	400V	kW	30
	500V	kW	37
	690V	kW	51
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	≤24V	Α	25
	48V	Α	21
	75V	Α	18
	110V	Α	6
	220V	Α	_
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	A	22
	220V	A	2
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			<u>-</u>
	≤24V	Α	28
	48V	A	28
	75V	A	25
	110V	A	24
	1100	$\overline{\Lambda}$	4 7

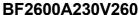


SCHUTZ BF2000A, 3P, 20A AC3, 230V 30/00HZ - TEC/EN/BS 00335-

	220V	Α	20
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	Α	28
	48V	Α	28
	75V	Α	25
	110V	Α	24
	220V	Α	26
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	≤24V	Α	18
	48V	Α	15
	75V	Α	13
	110V	Α	2
	220V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	≤24V	Α	20
	48V	Α	20
	75V	Α	18
	110V	Α	13
	220V	A	3
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	≤24V	Α	25
	48V	Α	25
	75V	Α	20
	110V	A	18
IFO was a summer to its DO2 DO5 with 1/D < 45 was with 4 walls in a said.	220V	Α	19
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	-04) /	^	20
	≤24V	A	30
	48V 75V	A	30
	110V	A A	25 20
	220V	A	15
Short-time allowable current for 10s (IEC/EN60947-1)	220 V	A	210
Protection fuse			210
1 Totection Tuse	gG (IEC)	Α	50
	aM (IEC)	A	32
Making capacity (RMS value)	aivi (ILO)	A	260
Breaking capacity (KWIS value)		/\	
g capacity at totage	440V	Α	208
	500V	A	184
	690V	Α	168
Resistance per pole (average value)		mΩ	2
Power dissipation per pole (average value)			
, , ,	Ith	W	4
	AC-3	W	1.4
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	1.8
	max	Ibin	2.2
Tightening torque for coil terminal			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	0.8



Max number of wires simultaneously connectable Nr. 2			max	Ibin	0.74	
Canductor section max 6 Flexible w/o lug conductor section min mm² 2.5 Flexible c/w lug conductor section min mm² 16 Flexible with insulated spade lug conductor section min mm² 1 Prower terminal protection according to IEC/EN 60529 mm² 1 Mechanical features Normal allowable P20 when properly wired Mechanical features Normal allowable Veritoal plan Mechanical features properly wired Mechanical features properly wired Mechanical file g Veritoal plan AWG/kcmil conductor section max Veritoal plan AWG/kcmil conductor section max Secret/ John rail Mechanical life cycles 2000000 Sa	Max number of wires s	simultaneously connectable	тах			
AWG/Kcmil Flexible w/o lug conductor section min mi		Simulation of the control of the con				
Flexible w/o lug conductor section		AWG/Kcmil				
Flexible w/o lug conductor section		, e,	max		6	
Pickible c/w lug conductor section min		Flexible w/o lug conductor section				
Flexible c/w lug conductor section		The second secon	min	mm²	2.5	
Fiexible with insulated spade lug conductor section min mm² 10 10 10 10 10 10 10 1				mm²		
Fiexible with insulated spade lug conductor section min mm² 10 10 10 10 10 10 10 1		Flexible c/w lug conductor section				
Flexible with insulated spade lug conductor section		-	min	mm²	1	
min min mmx 1 Power terminal protection according to IEC/EN 60529 IP20 when properly wired Mechanical features IR20 when properly wired Operating position normal allowable ✓ Vertical plan Fixing g 32 crew / DIN rail Weight g 24 d Conductor section max 6 Operations wide 20000000 Mechanical life cycles 1600000 Safety related data rated load cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes yes EMC compatibility yes yes AC operating f 60Hz coil powered at 60Hz pick-up min %Us 30 AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 30 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz pick-up in-rush pick-up %Us 35 AC average coil consumption at 20°C of 60Hz coil powered at 60			max	mm²	10	
Power terminal protection according to IEC/EN 60529 max mm² 1020 when properly wired properly wired properly wired properly wired wired properly wired wired properly wired wired wired properly wired wi		Flexible with insulated spade lug conductor section	า			
Power terminal protection according to IEC/EN 60529 P20 when properly wired mechanical features P20 when pr			min	mm²	1	
Provide terminal protection according to IEC/EN 60929 Mechanical features			max	mm²	10	
Mechanical features normal allowable Vertical plan allowable ± 30° Fixing Screw / DIN rail allowable \$3mm Weight g 424 Conductor section max 6 Operations Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contation yes 20000000 Mirror contation yes 20000000 AC coil operating yes 20000000 AC coil operating yes 20000000 Rated AC voltage at 60Hz y 20 pick-up min %Us 30 AC operating voltage min %Us 20 drop-out min %Us 20 max by yes 5 AC average coil consumption at 20°C in-rush not	Power terminal protect	tion according to IEC/EN 60529				
Operating position normal allowable Vertical plan (allowable) 20° Fixing Screw / DIN rail 35mm 35mm Weight g 424 Conductor section max 6 Operations max 6 Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data rated load mechanical load cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes yes EMC compatibility yes Xex 20000000 Accoperating voltage at 60Hz yes yes Ac operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 Ac average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush kind %Us 50 Ac average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush kind VA 75 bossipation at holding ≤20°C 50Hz w					properly wired	
Normal allowable Normal all						
Fixing allowable ± 30° screw / DIN rail 35mm Weight g 424 Conductor section Image: Record of the properties	Operating position		namal		Vortical plan	
Fixing Screw / DIN rail 35mm Weight g 424 Conductor section max 6 Operations max 6 Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data rated load cycles 1600000 EPrformance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz y y AC operating voltage of 60Hz coil powered at 60Hz min %Us 80 Mcrop-out min %Us 80 Mcrop-out min %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 75 In						
Fixing Weight g 424 Conductor section AWG/kcmil conductor section AWG/kcmil conductor section			allowable			
AWG/kcmil conductor section max	Fixing					
AWG/kcmil conductor section Operations Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 Mirror contats according to IEC/EN 609474-4-1 yes 20000000 AC compatibility yes 20000000 AC according to IEC/EN 609474-4-1 yes 20000000 AC colloperating yes 200000000 20000000 20000000 200000000	Weight			g	424	
Operations max 6 Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes AC coil operating yes AC coil operating y 230 AC operating voltage y y 230 AC operating voltage y y 29 29 29 29 29 <th col<="" td=""><td>Conductor section</td><td></td><td></td><td></td><td></td></th>	<td>Conductor section</td> <td></td> <td></td> <td></td> <td></td>	Conductor section				
Operations Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data rated load cycles 1600000 Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 cycles Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes Ac coll operating V 230 AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 110 drop-out min %Us 80 max %Us 15 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz <		AWG/kcmil conductor section				
Mechanical life cycles 20000000 Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles (20000000) Info@1000000000000000000000000000000000000			max		6	
Electrical life cycles 1600000 Safety related data Performance level B10d according to EN/ISO 13489-1 rated load cycles 1600000 mechanical load cycles 200000000 Mirror contats according to IEC/EN 609474-4-1 EMC compatibility yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz V 230 AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation cycles/h 3600	•					
Safety related data Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 20000000 1600000 mechanical load mechanical load cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes Rated AC voltage at 60Hz V 230 AC operating voltage min %Us 80 pick-up min %Us 80 drop-out min %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush holding VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600						
Performance level B10d according to EN/ISO 13489-1 rated load mechanical load cycles 1600000 mechanical load cycles 1600000 cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes yes EMC compatibility yes AC coll operating V 230 Rated AC voltage at 60Hz V 230 AC coll operating voltage min %Us 80 AC operating voltage min %Us 80				cycles	1600000	
rated load mechanical load cycles 1600000 cycles 1600000 cycles 1600000 cycles 20000000 Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating Rated AC voltage at 60Hz y 230 AC operating voltage min %Us 80 min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption 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	•	0d appording to EN/ISO 12490 1				
Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating V 230 Rated AC voltage at 60Hz V 230 AC operating voltage min %Us 80 pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C in-rush holding VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600	Periormance level bi	od according to EN/13O 13469-1	roted load	ovoloo	1600000	
Mirror contats according to IEC/EN 609474-4-1 yes EMC compatibility yes AC coil operating V 230 AC operating voltage V 230 AC operating voltage min %Us 80 pick-up min %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption 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				•		
EMC compatibility AC coil operating Rated AC voltage at 60Hz Of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation yes V 230 N 230 N 230 N 230 N 230 N 230 N 240 In-rush VUS 80 In-rush VUS 20 In-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz M 2.5	Mirror contats accordi		inechanical load	Cycles		
AC coil operating Rated AC voltage at 60Hz V 230 AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption 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		ng to 120/214 0004/4 4 1				
Rated AC voltage at 60Hz AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C in-rush VA 75 of 60Hz coil powered at 60Hz in-rush VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600					you	
AC operating voltage of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation cycles/h 3600		0Hz		V	230	
of 60Hz coil powered at 60Hz pick-up min %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation cycles/h 3600						
min max %Us 80 max %Us 110 drop-out min %Us 20 max %Us 55 AC average coil consumption 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 W 2.5 Mechanical operation cycles/h 3600	, ,	of 60Hz coil powered at 60Hz				
drop-out min min max %Us 20 20 20 20 20 20 20 20 20 20 20 20 20		•				
drop-out min max %Us 20 max 25 AC average coil consumption 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 Cycles/h 3600			min	%Us	80	
min max%Us between 55AC average coil consumption at 20°C of 60Hz coil powered at 60Hzin-rush holding VA 75 holding VA 9Dissipation at holding ≤20°C 50HzW 2.5Max cycles frequencycycles/h 3600			max	%Us	110	
MAC average coil consumption at 20°C Of 60Hz coil powered at 60Hzmax%Us55in-rush holdingVA75Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyMechanical operationcycles/h3600		drop-out				
AC average coil consumption at 20°C of 60Hz coil powered at 60Hz in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation cycles/h 3600						
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			max	%Us	55	
in-rush VA 75 holding VA 9 Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Mechanical operation cycles/h 3600	AC average coil consu	•				
holdingVA9Dissipation at holding ≤20°C 50HzW2.5Max cycles frequencyCycles/h3600		of 60Hz coil powered at 60Hz		3.74	7.5	
Dissipation at holding ≤20°C 50Hz W 2.5 Max cycles frequency Cycles/h 3600						
Max cycles frequency Mechanical operation cycles/h 3600	Disable of the Later	200°C FOLI-	nolding			
Mechanical operation cycles/h 3600		≥∠U U ƏU∏∠ 		VV	∠.5	
·				cycles/h	3600	
				0y0103/11	3000	





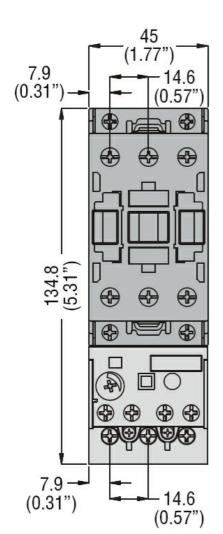


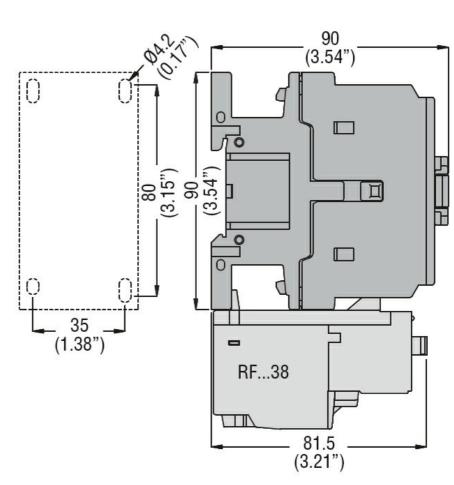
Average time for Us control

AC		

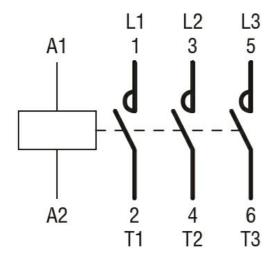
	in AC				
	C	losing NO			
			min	ms	8
			max	ms	24
	C	pening NO			
			min	ms	5
			max	ms	15
	C	losing NC			
		· ·	min	ms	9
			max	ms	20
	C	pening NC			
			min	ms	9
			max	ms	17
UL technical data					
	for three-phase AC motor				
,	•		at 480V	Α	21
			at 600V	Α	22
Yielded mechanical pe	rformance				
riolada ilidalialia po	for single-phase AC moto	nr			
	io. dirigio pridoci iloto	·•	110/120V	HP	2
			230V	HP	5
	for three-phase AC motor	•	200 V	- 111	
	ioi illiee-pilase AC Illotoi		200/208V	HP	7.5
			220/230V	HP	7.5 7.5
			460/480V	HP	7.5 15
General USE			575/600V	HP	20
General USE	Contonton				
	Contactor		A O	۸	4.5
Chart size it protection	fue 000V		AC current	Α	45
Short-circuit protection					
	High fault				
			Short circuit current	kA	100
			Fuse rating	Α	100
	-		Fuse class		J
	Standard fault				
			Short circuit current	kA	5
			Fuse rating	Α	100
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	on				
Pollution degree					3
Dimensions					







Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-4-1

IEC/EN/BS 60335-1

IEC/EN/BS 60947-1

IEC/EN/BS 60947-4-1



ENERGY AND AUTOMATION

BF2600A230V260

SCHÜTZ BF2600A, 3P, 26A AC3, 230V 50/60HZ - IEC/EN/BS 60335-1

	UL 60947-1
	UL 60947-4-1
Certificates	
	CCC
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching