

Add-on blocks

2



BFX10...



11 G484...



BFX10...



11 G418...

11 G218



11 G481...
11 G482



11 G428...

BFX12...



11 G485...
11 G486...
11 G487

Order code	Characteristics ^①	Max qty per contactor	Qty per pkg	Wt
		n°	n°	[kg]

Auxiliary contacts with front centre mounting^②.
Screw terminals.

BFX10 02	2NC	1	5	0.030
BFX10 11	1NO + 1NC	1	5	0.030
BFX10 20	2NO	1	5	0.030
11 G484 03	3NC	1	5	0.039
11 G484 12	1NO + 2NC	1	5	0.039
11 G484 21	2NO + 1NC	1	5	0.039
11 G484 30	3NO	1	5	0.039
BFX10 04	4NC	1	5	0.048
BFX10 13	1NO + 3NC	1	5	0.048
BFX10 22	2NO + 2NC	1	5	0.048
BFX10 31	3NO + 1NC	1	5	0.048
BFX10 40	4NO	1	5	0.048

Auxiliary contacts for front lateral mounting. Screw terminals.

11 G418 01	1NC	2	10	0.014
11 G418 01D	1LB (late break)	2	10	0.014
11 G418 10	1NO	2	10	0.014
11 G418 10A	1EM (early make)	2	10	0.014

Auxiliary contacts for front lateral mounting. Faston terminals.

11 G218	1NO or 1NC reversible	2	10	0.011
11 G481 02	2NC	2	10	0.013
11 G481 11	1NO + 1NC	2	10	0.013
11 G481 20	2NO	2	10	0.013
11 G482	Changeover contact	2	10	0.013

Adapter for auxiliary contact side mounting.

11 G280	for G218	2	10	0.008
11 G419	for G418	2	10	0.010
11 G483	for G481 and G482	2	10	0.010

Auxiliary contacts for side mounting.
Screw terminals.

BFX12 02	2NC for BF00, BF09-BF38	2	5	0.044
BFX12 11	1NO+1NC for BF00, BF09-BF38	2	5	0.044
BFX12 20	2NO for BF00, BF09-BF38	2	5	0.044
11 G428 01	1NC	2	10	0.024
11 G428 01D	1LB (late break)	2	10	0.024
11 G428 10	1NO	2	10	0.024
11 G428 10A	1EM (early make)	2	10	0.024

Delayed auxiliary contacts 1NO + 1NC (pneumatic operation) on energisation for front centre mounting^③.
Screw terminals.

11 G485 3	3 s	1	1	0.040
11 G485 6	6 s	1	1	0.040
11 G485 15	15 s	1	5	0.040
11 G485 30	30 s	1	5	0.040
11 G485 60	60 s	1	5	0.040
11 G485 120	120 s	1	1	0.040

Delayed auxiliary contacts 1NO + 1NC (pneumatic operation) on de-energisation for front centre mounting^④.
Screw terminals.

11 G486 3	3 s	1	1	0.040
11 G486 6	6 s	1	1	0.040
11 G486 15	15 s	1	5	0.040
11 G486 30	30 s	1	5	0.040
11 G486 60	60 s	1	5	0.040
11 G486 120	120 s	1	1	0.040
11 G487	70 ms	1	1	0.040

① The contacts can also be fitted on B type contactors using the adapter G358. See pages 2-26 and 2-27.

② Highly conductive contacts.

③ All contacts are each SPST except G482 which is SPDT.

Operational characteristics for add-on auxiliary contacts

Type		G418 G428 G485 ^⑤ G486 ^⑥ G487 ^⑦	G484 BFX10 BFX12	G218 G481	G482 ^⑧
IEC conventional free air thermal current I _{th}	A	10	10	10	0.1 ^⑨
IEC rated insulation voltage U _i	V	690	690	690	690
Terminals: Screw		M3.5	M3	—	—
Width	mm	7	7	—	—
Faston	mm	—	—	1x6.35 2x2.8	1x6.35 2x2.8
Tightening torque	Nm	0.8-1	0.8-1	—	—
	lbin	7-9	7-9	—	—
Conductor section maximum with 1 or 2 cables flexible w/o lug	mm ²	2.5	2.5	—	—
flexible c/w lug	mm ²	2.5	2.5	2.5	2.5
AWG	n°	14	14	14	14
Terminal protection per IEC/EN 60529		IP20 ^⑩	IP20	IP20 ^⑦	IP20 ^⑦
UL/CSA and IEC/EN 60947-5-1 designation	AC	A600	A600	A600	A600
	DC	P600 ^③	Q600	P600	P600
Mechanical life (million)	cycles	10 ^④	10	10	10

③ For particularly severe ambient conditions, consult Customer Service for information; see contact details on inside front cover.

④ Gold-plated contacts inside tight enclosure for use in pollutant environments.

⑤ Referred to 125VAC and 30VDC.

⑥ IP20 protection is warranted to equipment wired with 0.75mm² minimum cable section for G418 or G428 and 1mm² minimum for G485, G486 and G487 types.

⑦ IP20 protection is warranted to equipment wired with insulated Faston terminals.

⑧ Q600 for G418... and G428.

⑨ 3 million cycles for G485, G486, G487.

SM1 breaker - contactor connecting kits

See page 1-5.

Maximum assembly combination of add-on blocks

See pages 2-22 to 2-25.

Certifications and compliance

Certifications obtained:

Type	UL	cULus	CSA	GOST	CCC
BFX10...	—	●	—	●	●
BFX12...	—	●	—	●	—
G218	●	—	●	●	●
G418..., G428...	●	—	●	●	●
G481...	●	—	●	●	●
G482	●	—	●	●	●
G484...	●	—	●	●	●
G485...	●	—	●	●	●
G486...	●	—	●	●	●
G487...	●	—	●	●	●

● Certified products.

UL - UL Recognized for USA only (File E93601) as Auxiliary Devices - Component.

Products having this type of marking are intended for use as components of complete workshop-assembled equipment.

cULus - UL Listed for USA and Canada (File E93601) as Auxiliary Devices.

CSA - CSA certified for Canada only (File 54332) as Auxiliary Devices for motor controllers.

Add-on auxiliary contacts are compliant with the following standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.