

Add-on blocks

2



BFX10...



11 G484...



BFX10...



11 G418...



11 G218



11 G481...
11 G482



BFX12...



11 G428...



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

Order code	Characteristics ⁷	Max qty per contactor	Qty per pkg	Wt
		n°	n°	[kg]

Auxiliary contacts with front centre mounting⁸.
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
BFX10 11 11	1NO+1NC and 1EM+1LB (1 early make+1 late break)	1	5	0.048

new

Auxiliary contacts for front lateral mounting. Screw terminals⁹.

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 terminals⁹.

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 ¹⁰¹¹.
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 ¹⁰¹¹.
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

Operational characteristics for add-on auxiliary contacts

Type		G418 ¹ G428 ² G485 ³ G486 ⁴ G487 ⁵	G484 BFX10 BFX12	G218 ⁶ G481 ⁶	G482 ⁶
IEC conventional free air thermal current Ith	A	10	10	10	0.1 ⁶
IEC rated insulation voltage Ui	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 ⁴ ¹ ⁶	IP20	IP20 ⁶	IP20 ⁶
UL/CSA and IEC/EN 60947-5-1 designation	AC	A600	A600	A600	A600
	DC	P600 ⁴	Q600	P600	P600
Mechanical life (million)	cycles	10 ⁶	10	10	10

SM1 breaker - contactor connecting kits

See page 1-5.

Maximum assembly combination of add-on blocks

See pages 2-22 to 2-25.

Positive (force) guided contacts see page 2-57.

Certifications and compliance

Certifications obtained:

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

● Certified products; pending for BFX10 1111

- 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 (cULus - 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.

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

The Ith value refers to 125VAC and 30VDC.

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

⁴ IEC IP20 protection is warranted to equipment wired with minimum 0.75mm² conductor section.

Designation in DC is Q600 for these types.

⁵ IEC IP20 protection is warranted to equipment wired with insulated Faston terminals.

⁶ For particularly severe ambient conditions, consult Customer Service for information; see contact details on inside front cover.

IEC IP20 protection is warranted to equipment wired with minimum 1mm² conductor section. Mechanical life is 3 million cycles.

⁷ All contacts are each SPST except G482 which is SPDT.