

SAFETY CONTACTORS

4 TO 75kW

Features:

- AC/DC Operated.
- Safety with AF technology.
- Front-mounted auxiliary contact block (Yellow-Permanently fixed.).
- The built-in auxiliary contact elements are mechanically linked (side-marked symbol) and the N.C. auxiliary contacts are mirror contacts.
- Reduced panel energy consumption.
- For connection with built-in cable clamps.
- Din or Panel mount.



AFS093022...



AFS963022...

3 POLE - 3NO SAFETY CONTACTORS - AC/DC OPERATED

415V AC-3 (kW)	415V AC-3 (A)	AC-1 (A)	Auxiliary		Part No.	
			NO	NC		
4	9	25	2	2	AFS093022	☐
5.5	12	28	2	2	AFS123022	☐
7.5	18	30	2	2	AFS163022	☐
11	26	45	2	2	AFS263022	☐
15	32	50	2	2	AFS303022	☐
18.5	38	50	2	2	AFS383022	☐
22	53	100	2	2	AFS523022	☐
30	65	105	2	2	AFS653022	☐
37	80	125	2	2	AFS803022	☐
45	96	130	2	2	AFS963022	☐

☐ To complete Part Number, add the required voltage code:

Code	11	13
Voltages V AC/DC	24...60	100...250

- Version with built in PLC interface is available, please contact IPD.

3 POLE - 3NO SAFETY CONTACTORS - AC/DC OPERATED

Features:

- Safety with AF technology.
- Side-mounted auxiliary contact block (Yellow-Permanently fixed.).
- The built-in auxiliary contact elements are mechanically linked (side-marked symbol) and the N.C. auxiliary contacts are mirror contacts.
- Reduced panel energy consumption.
- For connection with built-in cable clamps.
- Din or Panel mount.



AFS1163012*

400V AC-3 (kW)	415V AC-3 (A)	400V AC-1 (A)	Auxiliary			Part No.
			NO	NC		
For connection with built-in cable clamps						
55	116	160	1	2		AFS1163012 ☐
75	146	225	1	2		AFS1463012 ☐
With bar connections						
55	116	160	1	2		AFS1163012B ☐
75	146	225	1	2		AFS1463012B ☐

☐ To complete Part Number, add the required voltage code

Code	11	13	33 ⁽¹⁾	34 ⁽¹⁾
Voltage AC 50/60Hz	24...60	100...250	100...250	250...500
Voltage DC	20...60	100...250	100...250	250...500

- For other auxiliary contacts arrangements, please contact IPD.

(1) With built in PLC interface

Please refer Page 330-331 for: Overloads.

Side mount accessories. (Front mount accessories will not suit for above)

SAFETY CONTACTORS

90 TO 400 kW



AFS190-30-12-1...

3 POLE - 3NO SAFETY CONTACTORS - AC/DC OPERATED

400V AC-3 (kW)	415V AC-3 (A)	400V AC-1 (A)	Auxiliary		Part No.
			NO	NC	
90	190	275	1	2	AFS1903012 ☐
110	205	350	1	2	AFS2053012 ☐
132	265	400	1	2	AFS2653012 ☐
160	305	500	1	2	AFS3053012 ☐
200	370	600	1	2	AFS3703012 ☐

☐ To complete Part Number, add the required voltage code

Code	11	13	33 ⁽¹⁾	34 ⁽¹⁾
Voltage AC 50/60Hz	24...60	100...250	100...250	250...500
Voltage DC	20...60	100...250	100...250	250...500

(1) With built in PLC interface



AFS400-30-12-...

3 POLE - 3NO SAFETY CONTACTORS - AC/DC OPERATED

400V AC-3 (kW)	415V AC-3 (A)	400V AC-1 (A)	Auxiliary		Part No.
			NO	NC	
200	400	600	1	2	AFS4003012 ☐
250	460	700	1	2	AFS4603012 ☐
315	580	800	1	2	AFS5803012 ☐
400	750	1050	1	2	AFS7503012 ☐

☐ To complete Part Number, add the required voltage code

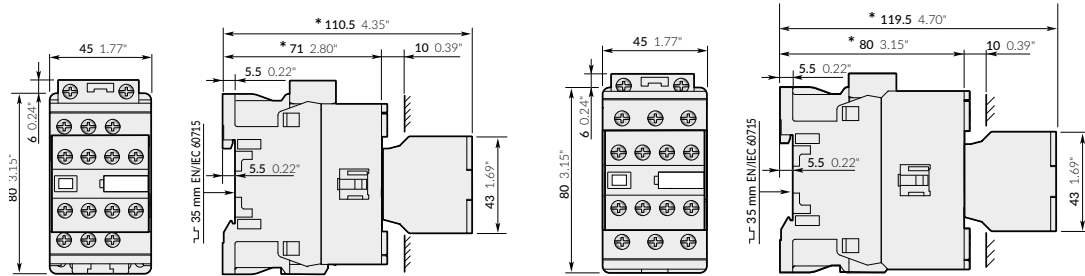
Code	68 ⁽¹⁾	69	70
Voltage AC 50/60Hz	-	48...130	100...250
Voltage DC	24...60	48...130	100...250

(1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative pole.

(2) Up to 850 V DC for AFS580, AFS750.

SAFETY CONTACTOR - DIMENSIONS

3 POLE - 3NO SAFETY CONTACTORS (4 TO 18.5kW)



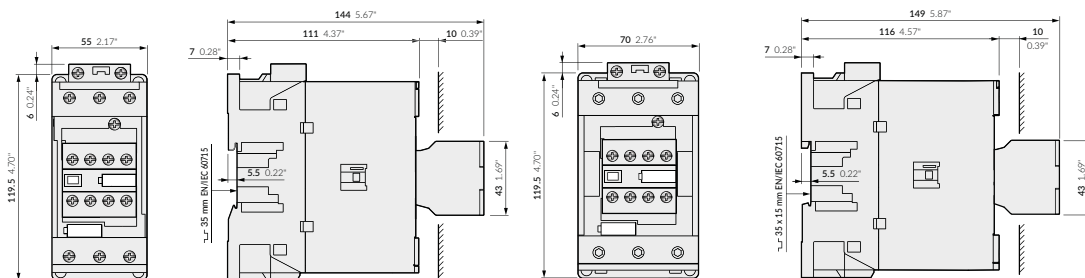
AFS09, AFS12, AFS16

* For AFS09Z, AFS12Z, AFS16Z-30-22-30:
depth + 20 mm (+ 0.79")

AFS26, AFS30, AFS38

* For AFS26Z, AFS30Z, AFS38Z-30-22-30:
depth + 20 mm (+ 0.79")

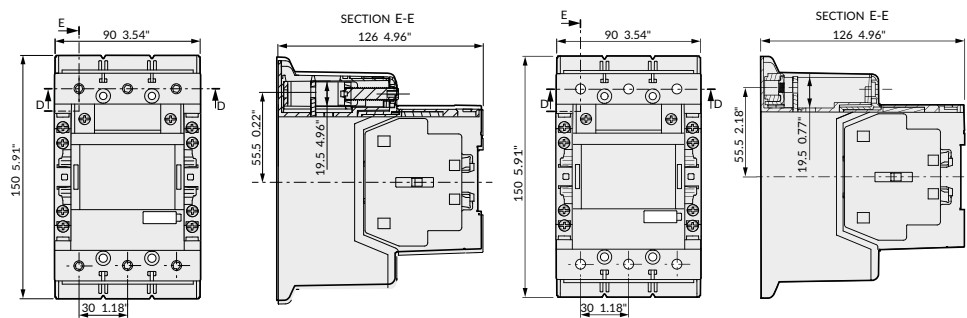
3 POLE - 3NO SAFETY CONTACTORS (22 TO 45kW)



AFS52, AFS65

AFS80, AFS96

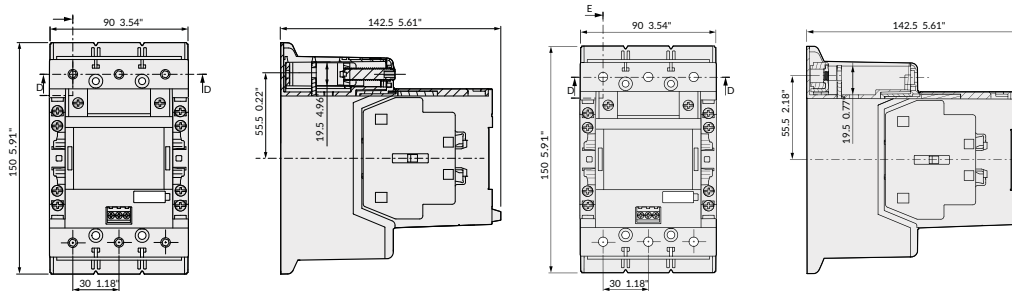
3 POLE - 3NO SAFETY CONTACTORS (55 TO 75kW)



AFS116, AFS146...3012 (1.750kg)

AFS116, AFS146...3012B (1.500kg)

3 POLE - 3NO SAFETY CONTACTORS (55 TO 75kW), BUILT-IN PLC INTERFACE

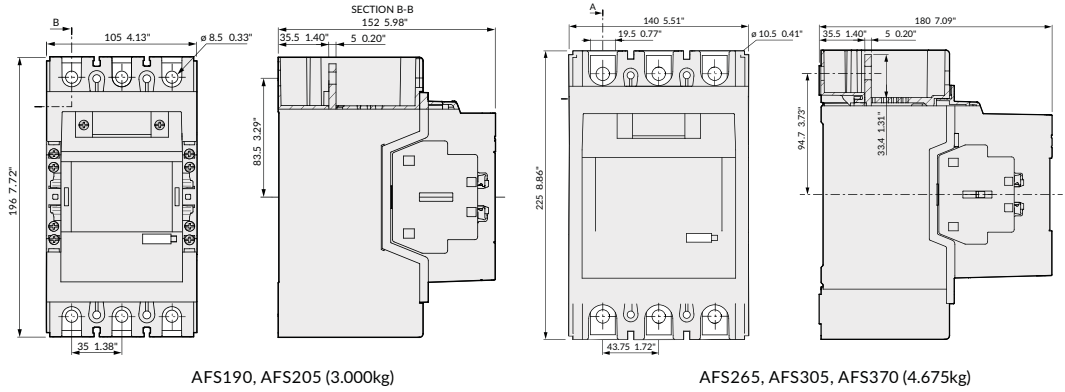


AFS116, AFS146...3012 (1.750kg)

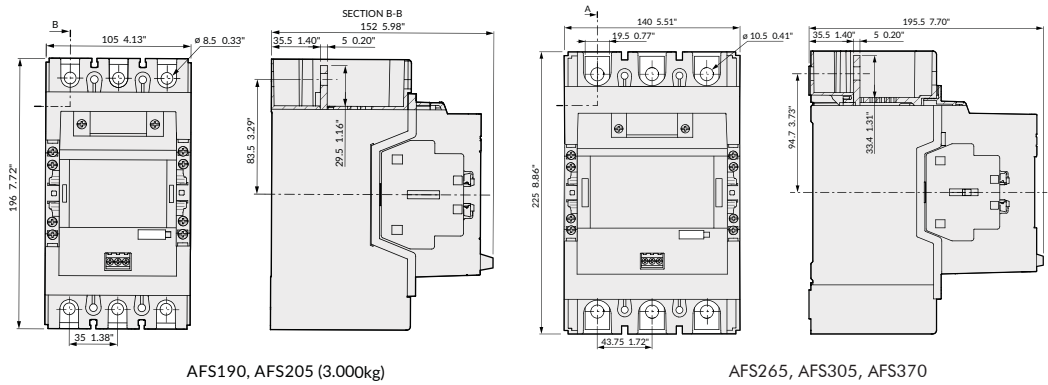
AFS116, AFS146...3012B (1.500kg)

SAFETY CONTACTOR - DIMENSIONS

3 POLE - 3NO SAFETY CONTACTORS (90 TO 200kW)



3 POLE - 3NO SAFETY CONTACTORS (90 TO 200kW), BUILT-IN PLC INTERFACE



3 POLE - 3NO SAFETY CONTACTORS (200 TO 400kW)

