


Table 2: AQB-A103 Equivalent Instantaneous and/or Short Delay Settings to match to AQB-A101 Instantaneous Performance

AQB-A101 Settings		AQB-A103 Equivalent Settings				
Trip Element	Instantaneous Trip Rating (amps) ¹	Frame Size	Continuous Current Setting (amps)	Instantaneous Pick-Up (amps) ^{2,5}	Short Delay Pick-Up (amps) ^{3,5}	Short Delay Band ⁴
15 A	Low (75-105)	25	15	6 (150)	7 (105)	MIN
15 A	2 (98 -132)	25	15	6 (150)	7 (105)	MIN
15 A	3 (119-161)	25	15	6 (150)	10 (150)	MIN
15 A	4 (140-190)	25	15	6 (150)	10 (150)	MIN
15 A	High (180-210)	25	15	8 (200)	13 (195)	MIN
25 A	Low (125-175)	25	25	6 (150)	7 (175)	MIN
25 A	2 (162-218)	25	25	8 (200)	10 (250)	MIN
25 A	3 (200-270)	25	25	10 (250)	10 (250)	MIN
25 A	4 (238-322)	25	25	12 (300)	13 (325)	MIN
25 A	High (300-350)	25	25	15 (375)	13 (325)	MIN
50 A	Low (250-350)	100	50	6 (600)	7 (350)	MIN
50 A	2 (323-437)	100	50	6 (600)	7 (350)	MIN
50 A	3 (400-540)	100	50	6 (600)	10 (500)	MIN
50 A	4 (476-644)	100	50	6 (600)	13 (650)	MIN
50 A	High (600-700)	100	50	8 (800)	13 (650)	MIN
75 A	Low (375-525)	100	80	6 (600)	5 (400)	MIN
75 A	2 (493-667)	100	80	6 (600)	7 (560)	MIN
75 A	3 (604-816)	100	80	8 (800)	10 (800)	MIN
75 A	4 (714-966)	100	80	8 (800)	10 (800)	MIN
75 A	High (900-1050)	100	80	10 (1000)	13 (1040)	MIN
100 A	Low (500-700)	100	100	6 (600)	7 (700)	MIN
100 A	2 (659-891)	100	100	8 (800)	10 (1000)	MIN
100 A	3 (808-1092)	100	100	10 (1000)	10 (1000)	MIN
100 A	4 (956-1293)	100	100	12 (1200)	13 (1300)	MIN
100 A	High (1200-1400)	100	100	15 (1500)	13 (1300)	MIN

- 1) There are 5 Instantaneous Trip settings, however only High (1200-1400%) and Low (500-700%) are calibrated.
- 2) In multiples of frame rating, I_n (amps)
- 3) In multiples of continuous current setting, CCS (amps)
- 4) The "MIN" Short Delay Band setting emulates Instantaneous Trip Function
- 5) Shaded area denotes the A103 functional setting that best matches the A101 Instantaneous Trip Value.


NAVY TYPE AQB-A103

Instantaneous
Pick-up (xI_N)




25 A Frame (I_N)
3 Pole 500 V.A.C.
60 or 400 Hz

Continuous
Current
Setting (Amps, CCS)

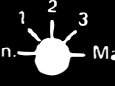


Short Delay
Pickup ($xCCS$)



Style No. 1376D96G01
NSN No.

Short Delay Min. Band Max.




NP6591C91H05 Made in U.S.A.

Date: 1998


NAVY TYPE AQB-A103

Instantaneous
Pick-up (xI_N)




100 A Frame (I_N)
3 Pole 500 V.A.C.
60 or 400 Hz

Continuous
Current




Short Delay
Pickup ($xCCS$)



Style No. 1376D96G02
NSN No.

Short Delay Min. Band Max.



Date: 1998