

TemPower2 ECONOMY ACB *AR-ES*



The AR-ES ACB (AR208ES, AR212ES and AR216ES).

'INSTRUCTION MANUAL M55EA– Non-Automatic and AGR-11B'

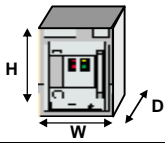
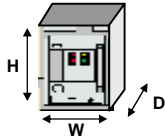
§ All operational and dimension information listed in M55EA is equivalent to those ACBs listed below :

(AR208ES=AR208S/ AR212ES=AR212S/ AR216ES=AR216S)

§ Ratings and specification for the economy range of ACBs (ES) can be found on the reverse of this sheet.

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ECONOMY ACB SELECTION GUIDE

ACB Frame Size	AR 2
Type	ES
In Rated Current (A)	800/1250/1600
IN Rated Current (A) in the Neutral Pole	800/1250/1600
ACB Model	AR208ES/AR212ES/ AR216ES
Ics SERVICE BREAKING CAPACITY	
(kA , symmetrical r.m.s) 690V ²	50
440V	50
400/415V	50
Icm MAKING CAPACITY	
(kA , asymmetrical peak) 690V ²	105
440V	105
400/415V	105
Icw SHORT-TIME WITHSTAND	
(kA rms) 1 Second	50
3 Seconds	38
Endurance Number of operating cycles	
Mechanical (With maintenance)	26000
Mechanical (Without maintenance)	12500
Electrical (Without maintenance AC 460V)	11000
Electrical (Without maintenance AC 690V)	7000
Times	
Breaking Time (second) maximum.	0.03
Spring Charging Time (second) maximum.	10
Closing Time (second) maximum.	0.08
Dimensions	
Fixed Type (mm)	
 W 3pole	360
W 4pole	445
H	460
D	290
Drawout Type (mm)	
 W 3Pole	354
W 4pole	439
H	460
D	345

These specifications are common throughout the whole range :

Rated Operational Voltage [Ue] (V.50/60Hz)-690
 AC Rated Insulation Voltage [Ui] (V.50/60Hz)-1000
 Rated Impulse Withstand Voltage [Uimp] (kV)-12

Applicable standards:

IEC 60947-2
 EN 60947-2