ELECTROMAGNETIC FIRE DOOR HOLDERS
DH SERIES

RELIABLE SECURITY GROUP

RESURGAM CITY OF PORTLAND, MAINE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/09/16

DH( )FB
(Brass Plated)

DH ( )FPC
(Flush Mount)

DH ( )SPC
(Surface Mount)

DH ( )FDBR

DH( )GPC1
(Ground Mount)

DH( )RPC
(Recessed)

Description: DH series fire door holders are constructed of the finest materials and workmanship available. The door holder is made of durable die-cast metal and offered in a high luster powdercoat finish.

Other features include standard dual voltage ac or dc inputs of 12 & 24V, 24 & 120V and 24 & 220V models. While reducing stocking requirements, model 24120 draws a mere .020 ma. @ 24VDC lowering overall job costs. (In large installations the cost savings can be substantial).

Other features: single or double coil floor mounting, surface mounting and direct wall mounting. No brackets are required. The DH series door holder offers a new installation technique using an adhesive template assuring alignment without secondary adjustments.

Accessories include extension and misalignment rods (various lengths) enabling parallelism between door and wall at distances greater than 12 inches and misalignment over 4 inches.

Aiding in installation is the aircraft quality DH drill that reduces installation time and provides a near perfect alignment of catch-plate and armature - again, lowering overall installation costs.

Basic units offer superior holding force and low residual magnetism. Models 1224 and 24120 can operate at higher listed voltages producing holding forces in excess of 100lbs. (45.3kg.) For special applications.

OPTIONAL FEATURES
POWDERCOATED FINISHES
EXTENSION AND MISALIGNMENT RODS
SURFACE MOUNT BACK BOX
TIME SAVING DRILL FIXTURE
(FOR MOUNTING CATCH PLATE)

MADE IN AMERICA

STANDARD FEATURES
VERY LOW CURRENT DRAW
DUAL VOLTAGE INPUTS
TERMINAL BLOCK CONNECTIONS
HIGH HOLDING FORCE
LOW RESIDUAL MAGNETISM
MOUNTING HARDWARE & INSTRUCTIONS

PERFORMANCE DATA:

MODEL	VOLTAGE	DC/mA	AC/mA	TERMINALS	LB.	KG
1224	12V	40	38	C&L	30	13.6
	24V	40	36	C&H	30	13.6
24120	24V	20	19	C&L	40	18.1
	120V	—	20	C&H	35	15.8
24220	24V	20	19	C&L	20	9.0
	220V	—	15	C&H	22	9.8

NOTE: Holding forces listed in above table corresponds with shaded values, non shaded values are slighty less.

MODEL	VOLTAGE	DC/mA	AC/mA	Terminals	LB.	KG.
1224	24V	85	81	C&L	75	34.0
24120	120V	—	.100	C&L	110	49.8

HIGH HOLDING FORCE/SPECIAL APPLICATIONS:
To obtain performance values in table above apply high listed voltage to low voltage terminals (C & L).
NOTE: This configuration can only be applied to models 1224 & 24120.

ACCESSORIES

Extensions:
Extension rods

Surface Mounting:
DHHBB (back box)

Extension Wrenches

Magnetic Door Holder

Installation Tools:
DHDF (drill fixture)

Door Holder Swivel base

ORDERING INI

DH
F
S
R
G
PC
B — Brass Plated
1 — Single Coil
2 — Double Coil

NOTE: #2 indicates double coil ground mount model.

Example: DH (24120) (S) (P) (C) (1)

Door Holder

Model/Voltage
1224, 24120, 24220

Mount Style
Surface, Flush, Ground, Recessed

Powdercoated

Finish
Chrome, Brass, DBR (Dark Bronze)

Coils
1, 2 For ground mount models

RESURGAM CITY OF PORTLAND, MAINE

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/09/16

ACCESSORIES:

Extensions:

DHE1PC	1 inch extension chrome
DHE1B	1 inch extension brass
DHE1.5PC	1.5 inch extension chrome
DHE1.5B	1.5 inch extension brass
DHE2PC	2 inch extension chrome
DHE2B	2 inch extension brass
DHE3PC	3 inch extension chrome
DHE3B	3 inch extension brass
DHEAPC	4 inch adjustable extension chrome
DHEAB	4 inch adjustable extension brass

Hardware:

DHSBPC	Swivel base chrome
DHSBB	Swivel base brass
DHCPC	Catch plate chrome
DHCPB	Catch plate brass
DHBBPC	Surface back box chrome
DHBBB	Surface back box brass
DHW	Extension wrenches
DHDF	Drilling fixture