

TEST REPORT Page 1 of 3

Applicant

: Eaton GmbH

Controls Division-Europe

Honsellstrasse 8

77694 Kehl Germany

Application date : 94-01-12

Order number : 94.7159.01-KCS/LB

Subject: type test of water inlet

valves.

Tradename

: EATON

Types

: V...

Arnhem, February 17, 1994

Manufacturer/factory-location:

Eaton S.A.M., 17 Ave. du Pr. Hereditaire Albert,

MC-98000 Monaco, Monaco PTE

Test requirements: K78B (based on EN 50084 and

EN 60335, with amendment

2, 5 and 6)

Conclusion

: the products comply with the specified

Barond

requirements.

Tested by

: R.H. Hoveijn

Checked by

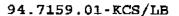
: H.R.M. Barends

RHH/MJH

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<u>Product data:</u> tradename types		EATON V
types	:	V48, V190, V180, V283, V290, V380, V393 and SAD-E (this is a V type valve, simply with two valves mounted hydraulically in series)
type reference	:	unique type
rated voltage		12 V dc (with exception of the V48), 24 V dc, 110-120 V ac, 220-240 V ac(marking 230 V ac)
rated load	:	12 V dc - 3 W 24 V dc - 9.5 W 110 - 220 V ac - 4 W 220 - 240 V ac - 5/6 W
temperature limit	:	T60 and T85 for ac
class	:	Class II apply to insulation between the valves live part and water
terminals	:	connectorized terminals (rast 5) and tab-terminals (6.3 x 0.8 mm) not intended for the connection of external supply cables or flexible cords
description	:	as single-, double-, triple and fourfold outlets with outlet angel 90° or 180°
design	•	for build-in purposes
pressure range		0.2 to 10 bar
markings		are shown on the body

Further data:

Temperature ranges and corresponding valves.

rated voltage	Tu	1	Tm	1	duty cycle	colour
220-240 V ac	25 85 60		90 25 90		100 per. 100 per. 3mn/5mn	Vseries beige
220-240 V ac	25 60 60		90 25 90		100 per. 100 per. 3mn/5mn	Vseries and SAD-E brown or beige

THE WATER



110-120 V ac	25 60 60	90 25 90	100 per. 100 per. 3mn/5mn	Vseries and SAD-E black
12 V dc	60	25	100 per.	Vseries and SAD-E green (not V48)
24 V dc	60	25	3 mn /5mn	Vseries and SAD-E yellow

Nomenclature breakdown

- 1)2)3)4)5)6)7)
- v
- 1) basic model type reference
- 2) blank = standard, AI = threaded outlets
- 3) number of outlets, 1 = single, 2 = double, 3 = triple and 4 = quadriple
- 4) outlet angle with respect to inlet, 9 = 90, 8 = 80 and 4 way = 180 only
- 5) blank = standard, A = akkurat (rast 5 + fixation)
- 6) unique reference: 000 999
- 7) edition
 - 1) 2)3)

SAD-E . .

- 1) basic model type reference
- 2) unique type reference: 000 999
- 3) edition

Variants within the scope of the approval

- The outlet diameter can be 10 mm (smooth), 13 mm (smooth) or threaded. The inlet can be threaded or smooth.
- The valves can be mounted hydraulically in series, with two separate coils. This product is referred as SAD-E. (the coils are the same as for the V...series)
- The colour of the valve body may be natural or red.
- The flow rate can be between 1 and 121/mn.
- The mounting of the terminals can be horizontal or vertical.

<u>Remark</u>

This report is also based on the Notification of Test Results ref. nos. CCA/SE 1631 and CCA/SE 1631A and replaces the test report no. 94.7021.01-KCS/LB, dated on 1994-01-23.