

INVESTIGATION REPORT

Our ref. HEL-CERT220901392-01

IR-00048

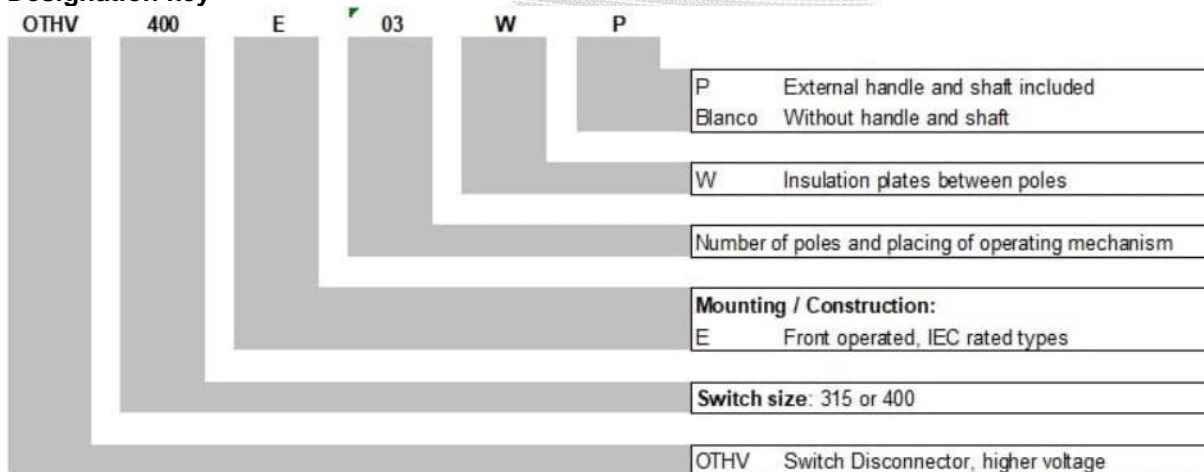
Product	Switch-disconnector
Type	OTHV315E_W_ and OTHV400E_W_
Trade mark	
Applicant	ABB Oy, Smart Power Muottitie 2 A FI-65320 Vaasa, FINLAND
Manufacturer	ABB Oy, Smart Power Muottitie 2 A FI-65320 Vaasa, FINLAND
Additional product information	See pages 2 - 3 of this Investigation Report.
The product has been tested according to standards	IEC 60947-3:2020 IEC 60947-1:2020
Investigation result	The product fulfils the requirements of above mentioned standards.
Other information	The test results have been introduced in the test report HELES2205000654-1. This test result is valid only for the product tested.
Date	2022-09-23
Signature	SGS Fimko Ltd  Seppo Lautamies Project Manager

Additional information

Method of operation	Rotary switch, independent manual operation. One hand operated
Number of poles:	3 or 4
Rated operational current:	Ie See table
Rated operational voltage:	Ue: See table
Rated insulation voltage:	Ui 1000 V
Rated frequency:	f 50...60 Hz
Utilization category	AC-22A and AC-23A
Conventional enclosed thermal current:	Ithe See table
Rated short-time withstand current:	Icw 0,15 s; 31 kA (with 15cm cable support distance)
Rated short-circuit making capacity:	Icm 1000 V; 65 kA (with 15cm cable support distance)
Rated impulse withstand voltage:	Uimp 12 kV
Handle type	OH_95J12

		OTHV315	OTHV400
Ith		315 A	400 A
Ithe		315 A	400 A
Ie	AC-22A, 1000 V	315 A	400 A
	AC-23A, 800 V	200 A	200 A
Icw	0,15 s	31 kA	
Icm	1000 V	65 kA	

Designation key



Additional information

Tested types

OTHV315E03W	OTHV400E03W
OTHV315E30W	OTHV400E30W
OTHV315E12W	OTHV400E12W
OTHV315E21W	OTHV400E21W
OTHV315E04W	OTHV400E04W
OTHV315E40W	OTHV400E40W
OTHV315E22W	OTHV400E22W

Manufacturing site(s) ABB Oy, Smart Power
Muottitie 2 A
FI-65320, Vaasa, Finland

Is based on: HELES2205000654-1