

产品认证证书

II型自愿认证

证书编号: CQC2019010302206498

发证日期: 2021年08月12日

有效期至: 2031年08月12日

委托人名称	ABB Oy
及注册地址	Muottitie 2A FI-65320 VAASA, Finland
制造商名称	ABB Oy
及注册地址	Muottitie 2A FI-65320 VAASA, Finland
生产企业名称	ABB Oy
及生产地址	Muottitie 2A FI-65320 VAASA, Finland
产品名称和系列、 规格、型号	隔离开关 OTDC315F, OTDC400F, OTDC500F, OTDC630F, OTDC630F-PV2, OTDC800F, OTDC800F-PV2, OTDC1000F, OTDC250UF, OTDC320UF, OTDC400UF, OTDC600UF, OTDC800UF, OTDC800UF-PV2, OTDC800UFV23, OTDC800UFV23, OTDC1000UF; 详见附件
产品标准和技术要求	GB/T 14048.3-2017
认证模式	产品型式试验+初次工厂检查+获证后监督

上述产品符合 CQC12-000001-2020 认证规则的要求, 特发此证。

本证书为变更证书, 证书首次颁发日期: 2020年09月02日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

可通过扫描下方二维码或登录国家认监委网站 (www.cnca.gov.cn) 查验证书信息



授权签字人

签发

陈昕

谢肇煦



中国质量认证中心



<http://www.cqc.com.cn>

中国·北京·南四环西路188号9区 100070

电话: +86 10 83886666

C(2) 0081394

CERTIFICATE OF PRODUCT CERTIFICATION

TYPE II CQC CERTIFICATION

CERTIFICATE NO.: CQC2019010302206498

Valid from: Aug.12,2021

Valid until: Aug.12,2031

NAME AND REGISTERED ADDRESS OF THE APPLICANT ABB Oy
Muottitie 2A FI-65320 VAASA, Finland

NAME AND REGISTERED ADDRESS OF THE MANUFACTURER ABB Oy
Muottitie 2A FI-65320 VAASA, Finland

NAME AND LOCATION OF THE FACTORY ABB Oy
Muottitie 2A FI-65320 VAASA, Finland

PRODUCT NAME, MODEL AND SPECIFICATION Switch-Disconnector
OTDC315F, OTDC400F, OTDC500F, OTDC630F, OTDC630F-PV2, OTDC800F,
OTDC800F-PV2, OTDC1000F, OTDC250UF, OTDC320UF, OTDC400UF, OTDC600UF,
OTDC800UF, OTDC800UF-PV2, OTDC800UF23, OTDC800UFV23, OTDC1000UF; See the
Appendix

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS GB/T 14048.3-2017

TYPE OF CERTIFICATION SCHEMES Type Testing of Product + Initial Factory Inspection + Follow up Factory Inspection

This is to certify that the above mentioned product(s) complies with the requirements of certification rules of CQC12-000001-2020.

Date of original issued: Sep.02,2020

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGN BY

陈昕

SIGNATURE

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE



<http://www.cqc.com.cn>

Section 9, No.188, Nansihuan Xilu, Beijing 100070 P.R.China

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纸号: 81394

OTDC315F_, OTDC400F_, OTDC500F_, OTDC630F_, OTDC630F_-PV2, OTDC800F_,
OTDC800F_-PV2, OTDC1000F_, OTDC250UF_, OTDC320UF_, OTDC400UF_,
OTDC600UF_, OTDC800UF_, OTDC800UF_-PV2, OTDC800UF23, OTDC800UFV23,
OTDC1000UF_
Uimp: 12kV;
Ui: 1500V;
Ue: 1000VDC, 1500VDC 见参数表,
OTDC800UF23:1000V/500V(2P 外形, 4P 外形, 5P 外形),
OTDC800UFV23:1500V/750V(2P 外形, 4P 外形, 5P 外形);
Ith: OTDC800UFV23, OTDC800UFV23: 800A (2P 外形, 4P 外形), 400A(5P 外形),见参数
表;
Ie: 315-1000A 见参数表, OTDC800UF23, OTDC800UFV23:800A(2P 外形, 4P 外形),400A(5P
外形);



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DC-21B	2 pole	4 pole	6 pole	4 pole	2 pole	4 pole	6 pole	4 pole	lth / lthe	Application connections
	1000 V	1000 V	1000 V	2 in parallel 1000 V	1500 V	1500 V	1500V	2 in parallel 1500V		
	1 circuit	2 circuits	3 circuits	1 circuit	1 circuit	2 circuits	3 circuits	1 circuit		
OTDC315F_	315 A	315 A	315 A						315 A / 315 A	2a, 2b, 4a, 4c, /a, /e
OTDC400F_	400 A	400 A	400 A						400 A / 400 A	2a, 2b, 4a, 4c, 7a, 7e
OTDC500F_	500 A	500 A	500 A						500 A / 500 A	2a, 2b, 4a, 4c, 7a, 7e
OTDC630F_	630 A	630 A	630 A						630 A / 630 A	2a, 2b, 4a, 4c
OTDC800F 11	800 A	-	-						800 A / -	2a, 2b
OTDC800F 22	-	-	-	800 A					800 A / 800 A	6c, 6g
OTDC1000F 22	-	-	-	1000 A					1000 A / 1000 A	6c, 6g
OTDC250UF_	315 A	315 A							315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UF_	400 A	400 A							400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UF_	500 A	500 A							500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UF_	630 A	630 A							630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UF 22	-	-	-	800 A					800 A / 800 A	6c, 6g
OTDC1000UF 22	-	-	-	1000 A					1000 A / 1000 A	6c, 6g
OTDC315FV_	-	-	-	-	315 A	315 A	315 A		315 A / 315 A	2a, 2b, 4a, 4c, /a, /e
OTDC400FV_					400 A	400 A	400 A		400 A / 400 A	2a, 2b, 4a, 4c, 7a, /e
OTDC500FV_					500 A	500 A	500 A		500 A / 500 A	2a, 2b, 4a, 4c, 7a, 7e
OTDC630FV_					630 A	630 A	630 A		630 A / 630 A	2a, 2b, 4a, 4c
OTDC800FV 11	-	-	-	<	800 A	-	-		800 A / -	2a, 2b
OTDC800FV 22	-	-	-	<	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC1000FV 22	-	-	-	<	-	-	-	1000 A	1000 A / 1000 A	6c, 6g
OTDC250UFV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UFV_					400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UFV_					500 A	500 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UFV_	-	-	-	-	630 A	630 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UFV 22	-	-	-	-	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC1000UFV 22	-	-	-	-	-	-	-	1000 A	1000 A / 1000 A	6c, 6g
OTDC250UFS_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	1a, 3
OTDC320UFS_	400 A	400 A							400 A / 400 A	1a, 3
OTDC400UFS_	500 A	500 A							500 A / 500 A	1a, 3
OTDC600UFS_	630 A	630 A							630 A / 630 A	1a, 3
OTDC250UFSV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	1a, 3
OTDC320UFSV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	1a, 3
OTDC400UFSV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	1a, 3
OTDC600UFSV_	-	-	-	-	630 A	630 A	-	-	630 A / 630 A	1a, 3



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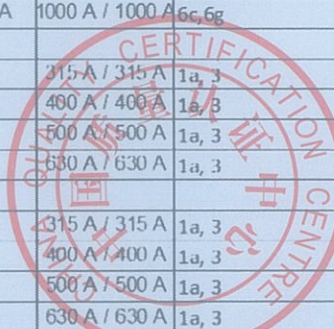
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DC-PV1	2-pole	4-pole	6-pole	4-pole 2 in parallel	2-pole	4-pole	6-pole	4-pole 2 in parallel	lth, lthe	Application connections
	1000 V 1 circuit	1000 V 2 circuits	1000 V 3 circuits	1000 V 1 circuit	1500 V 1 circuit	1500 V 2 circuits	1500V 3 circuits	1500V 1 circuit		
OTDC315F_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400F_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500F_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630F_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800F11	500 A	-	-	-	-	-	-	-	800 A / 630 A	2a, 2b
OTDC800F22	-	-	-	800 A	-	-	-	-	800 A / 800 A	6c, 6g
OTDC1000F22	-	-	-	1000 A	-	-	-	-	1000 A / 1000 A	6c, 6g
OTDC250UF_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UF_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UF_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UF_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UF22	-	-	-	800 A	-	-	-	-	800 A / 800 A	6c, 6g
OTDC1000UF22	-	-	-	1000 A	-	-	-	-	1000 A / 1000 A	6c, 6g
OTDC315FV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400FV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500FV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630FV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800FV11	-	-	-	-	500 A	-	-	-	800 A / 630 A	2a, 2b
OTDC800FV22	-	-	-	-	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC1000FV22	-	-	-	-	-	-	-	1000 A	1000 A / 1000 A	6c, 6g
OTDC250UFV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UFV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UFV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UFV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UFV22	-	-	-	-	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC1000UFV22	-	-	-	-	-	-	-	1000 A	1000 A / 1000 A	6c, 6g
OTDC250UFS_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	1a, 3
OTDC320UFS_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	1a, 3
OTDC400UFS_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	1a, 3
OTDC600UFS_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	1a, 3
OTDC250UFSV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	1a, 3
OTDC320UFSV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	1a, 3
OTDC400UFSV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	1a, 3
OTDC600UFSV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	1a, 3



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DC-PV2	2-pole	4-pole	6-pole	4-pole	2-pole	4-pole	6-pole	4-pole	lth, lthe	Application connections
	1000 V	1000 V	1000 V	1000 V	1500 V	1500 V	1500V	1500V		
	1 circuit	2 circuits	3 circuits	1 circuit	1 circuit	2 circuits	3 circuits	1 circuit		
OTDC315F_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400F_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500F_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630F_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC630F22-PV2	-	-	-	630 A	-	-	-	-	630 A / 630 A	6c, 6g
OTDC800F11	500 A	-	-	-	-	-	-	-	800 A / 630 A	2a, 2b
OTDC800F22-PV2	-	-	-	800 A	-	-	-	-	800 A / 800 A	6c, 6g
OTDC250UF_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UF_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UF_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UF_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UF22-PV2	-	-	-	800 A	-	-	-	-	800 A / 800 A	6c, 6g
OTDC315FV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400FV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500FV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630FV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC630FV22-PV2	-	-	-	-	-	-	-	630 A	630 A / 630 A	6c, 6g
OTDC800FV11	-	-	-	-	500 A	-	-	-	800 A / 630 A	2a, 2b
OTDC800FV22-PV2	-	-	-	-	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC250UFV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UFV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UFV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UFV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800UFV22-PV2	-	-	-	-	-	-	-	800 A	800 A / 800 A	6c, 6g
OTDC250UFS_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	1a, 3
OTDC320UFS_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	1a, 3
OTDC400UFS_	500 A	500 A	-	-	-	-	-	-	500 A / 500 A	1a, 3
OTDC600UFS_	500 A	500 A	-	-	-	-	-	-	630 A / 630 A	1a, 3
OTDC250UFSV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	1a, 3
OTDC320UFSV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	1a, 3
OTDC400UFSV_	-	-	-	-	500 A	500 A	-	-	500 A / 500 A	1a, 3
OTDC600UFSV_	-	-	-	-	500 A	500 A	-	-	630 A / 630 A	1a, 3



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DC-22B	2-pole 1000 V 1 circuit	4-pole 1000 V 2 circuits	6-pole 1000 V 3 circuits	4-pole 2 in parallel 1000 V 1 circuit	2-pole 1500 V 1 circuit	4-pole 1500 V 2 circuits	6-pole 1500V 3 circuits	4-pole 2 in parallel 1500V 1 circuit	lth, lthe	Application connections
OTDC315F_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400F_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500F_	400 A	400 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630F_	400 A	400 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800F11	400 A	-	-	-	-	-	-	-	800 A / 630 A	2a, 2b
OTDC250UF_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UF_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UF_	400 A	400 A	-	-	-	-	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UF_	400 A	400 A	-	-	-	-	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC315FV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC400FV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC500FV_	-	-	-	-	400 A	400 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC630FV_	-	-	-	-	400 A	400 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC800FV11	-	-	-	-	400 A	-	-	-	800 A / 630 A	2a, 2b
OTDC250UFV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	2a, 2b, 4a, 4c
OTDC320UFV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	2a, 2b, 4a, 4c
OTDC400UFV_	-	-	-	-	400 A	400 A	-	-	500 A / 500 A	2a, 2b, 4a, 4c
OTDC600UFV_	-	-	-	-	400 A	400 A	-	-	630 A / 630 A	2a, 2b, 4a, 4c
OTDC250UFS_	315 A	315 A	-	-	-	-	-	-	315 A / 315 A	1a, 3
OTDC320UFS_	400 A	400 A	-	-	-	-	-	-	400 A / 400 A	1a, 3
OTDC400UFS_	400 A	400 A	-	-	-	-	-	-	500 A / 500 A	1a, 3
OTDC600UFS_	400 A	400 A	-	-	-	-	-	-	630 A / 630 A	1a, 3
OTDC250UFSV_	-	-	-	-	315 A	315 A	-	-	315 A / 315 A	1a, 3
OTDC320UFSV_	-	-	-	-	400 A	400 A	-	-	400 A / 400 A	1a, 3
OTDC400UFSV_	-	-	-	-	400 A	400 A	-	-	500 A / 500 A	1a, 3
OTDC600UFSV_	-	-	-	-	400 A	400 A	-	-	630 A / 630 A	1a, 3

使用类别: DC-21B, DC-22B, DC-PV1, DC-PV2;

Icw: 10kA/1s;

40kA/0.05s (ESS types only) (2 poles in parallel only);



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Icm: 10kA; 1000V/1500V;

40 kA ; 1000 V / 1500 V (_ESS types only) (2 poles in parallel only);

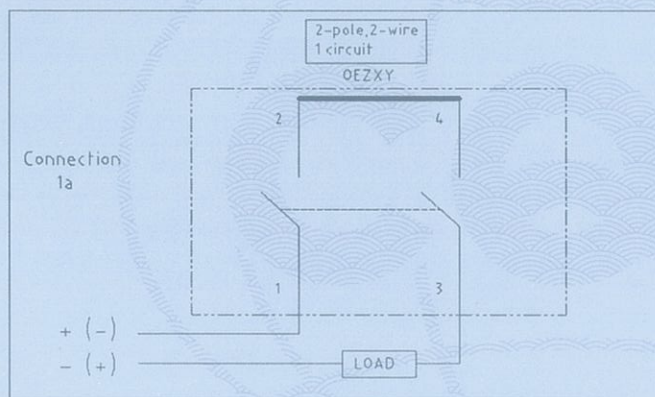
OTDC800UF23: 10kA, 1000V (2P 外形, 4P 外形)/ 500V (5P 外形);

OTDC800UFV23: 10kA, 1500V (2P 外形, 4P 外形)/ 750V (5P 外形);

极数: 2P 外形, 4P 外形, 6P 外形, 5P 外形;

直流接线示意图:

Connection 1a



Connection 2a and 2b



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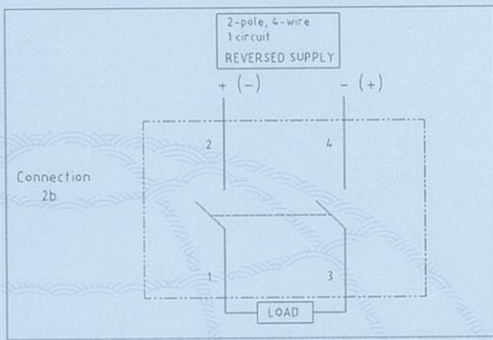
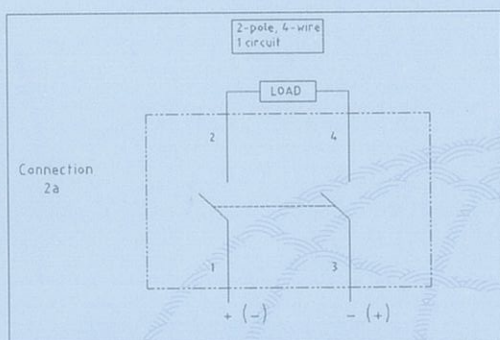
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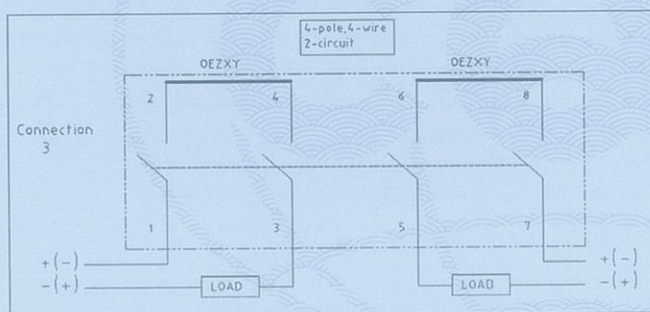
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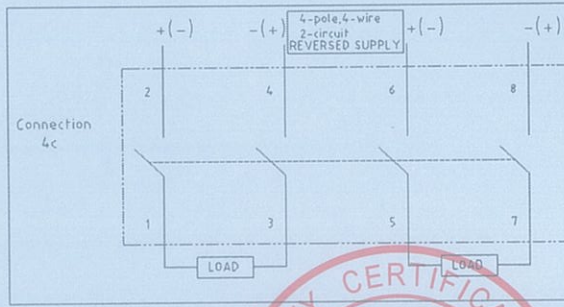
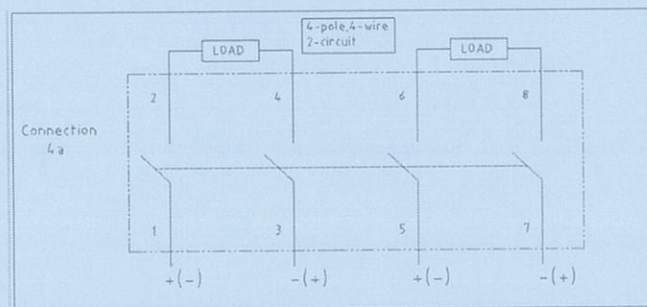
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Connection 3



Connection 4a and 4c



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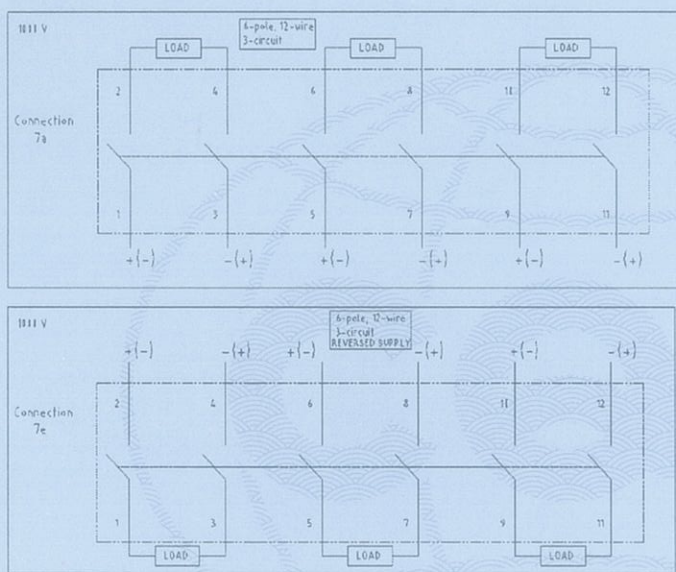
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Connection 7a and 7e



Connection 6c and 6g



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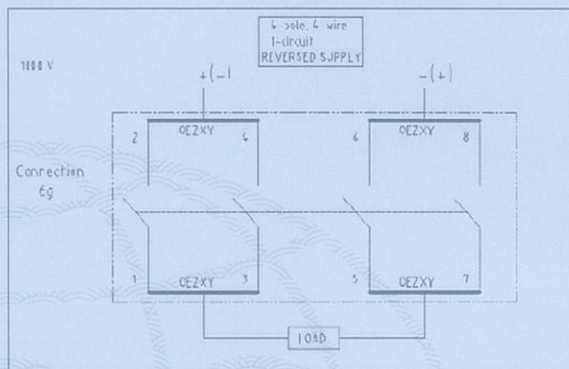
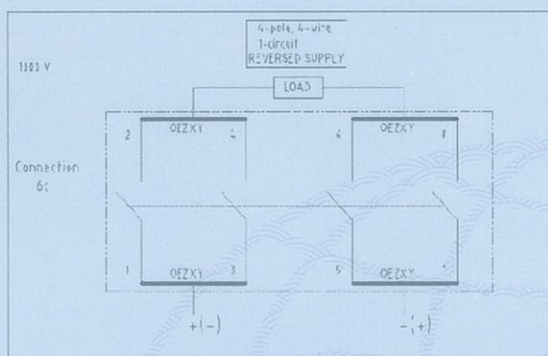
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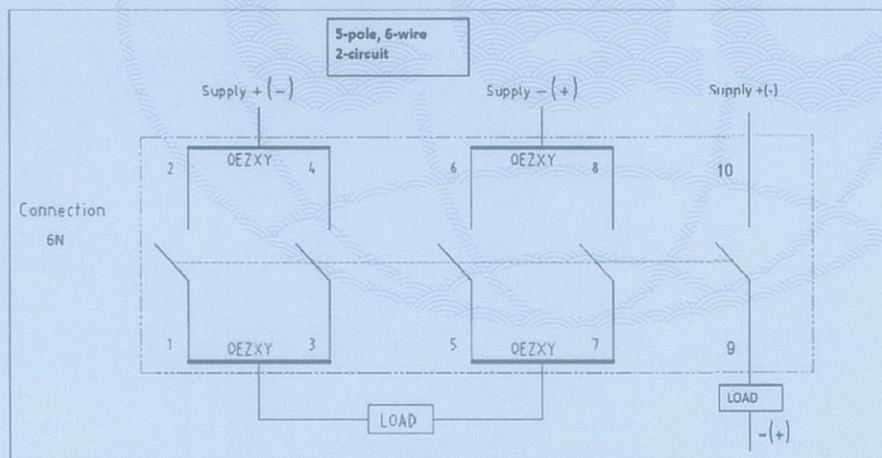
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Connection 6n



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纸号: 81394

型号解释:

OTDC	40 0	F	2 2	S	K	ESS
						Blanco PV switches, 10kA SCC values 空白代表 PV 开关, 10kA 短路指标 ESS Switches with higher SCC values ESS 代表更高短路指标开关 PV2 Switches with higher DC-PV2 rating PV2 代表更高的额定值开关
						P = with handle & shaft 带手柄和轴 K = direct handle 带直接安装手柄 Blank = without handle & shaft 不带手柄和轴
						S = side operated, only 02 and 20 models 侧面操作, 仅仅是 02 和 20 Blank = front operated 前面操作
						Number of poles & place of mechanism 极数及操作机构位置 2 pole (2 极) - 02, 20, 11 4 pole (4 极) - 22 6 pole (6 极) - 33 5 pole (5 极) - 23 1. number = number of poles on left side



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					在机械结构左边的极数
					2. number = number of poles in right side
					在机械结构左边的极数
					Structure 操作方式
					F IEC 1000Vdc types
					F IEC 1000Vdc 型
					UF UL 1000Vdc types, UL and IEC approval
					UF UL 1000Vdc 型, UL 和 IEC 认证
					UFS UL 1000Vdc, Connection bar installed. Single wire breaking. UL and IEC approval.
					UFS UL 1000Vdc 型, 带短接排, 4 极串, UL 和 IEC 认证
					FV IEC 1500Vdc types
					FV IEC 1500Vdc 型
					UFV UL 1500Vdc types, UL and IEC approval
					UFV UL 1500Vdc 型, UL 和 IEC 认证
					UFSV UL 1500Vdc types, Connection bar installed. Single wire breaking. UL and IEC approval.
					UFSV UL 1500Vdc 型, 带短接排, 4 极串, UL 和 IEC 认证
					Switch size 开关规格
					250, 315, 320, 400, 500, 600, 630, 800, 1000



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纸号: 81394

Switch Disconnector for DC use 直流应用隔离开关

Tested types 315A:

OTDC315F11, OTDC315F02, OTDC315F20, OTDC315F22, OTDC315F33, OTDC315F02S, OTDC315F20S
OTDC250UF11, OTDC250UF02, OTDC250UF20, OTDC250UF22, OTDC250UF02S, OTDC250UF20S
OTDC250UFS11, OTDC250UFS02, OTDC250UFS20, OTDC250UFS22, OTDC250UFS02S, OTDC250UFS20S
OTDC315F11-ESS, OTDC315F02-ESS, OTDC315F20-ESS, OTDC315F22-ESS, OTDC315F02S-ESS, OTDC315F20S-ESS
OTDC250UF11-ESS, OTDC250UF02-ESS, OTDC250UF20-ESS, OTDC250UF22-ESS, OTDC250UF02S-ESS,
OTDC250UF20S-ESS
OTDC250UFS11-ESS, OTDC250UFS02-ESS, OTDC250UFS20-ESS, OTDC250UFS22-ESS, OTDC250UFS02S-ESS,
OTDC250UFS20S-ESS
OTDC315FV11, OTDC315FV02, OTDC315FV20, OTDC315FV22, OTDC315FV33, OTDC315FV02S, OTDC315FV20S
OTDC250UFV11, OTDC250UFV02, OTDC250UFV20, OTDC250UFV22, OTDC250UFV02S, OTDC250UFV20S
OTDC250UFSV11, OTDC250UFSV02, OTDC250UFSV20, OTDC250UFSV22, OTDC250UFSV02S, OTDC250UFSV20S
OTDC315FV11-ESS, OTDC315FV02-ESS, OTDC315FV20-ESS, OTDC315FV22-ESS, OTDC315FV02S-ESS,
OTDC315FV20S-ESS
OTDC250UFV11-ESS, OTDC250UFV02-ESS, OTDC250UFV20-ESS, OTDC250UFV22-ESS, OTDC250UFV02S-ESS,
OTDC250UFV20S-ESS
OTDC250UFSV11-ESS, OTDC250UFSV02-ESS, OTDC250UFSV20-ESS, OTDC250UFSV22-ESS, OTDC250UFSV02S-ESS,
OTDC250UFSV20S-ESS

Tested types 400A:

OTDC400F11, OTDC400F02, OTDC400F20, OTDC400F22, OTDC400F33, OTDC400F02S, OTDC400F20S
OTDC320UF11, OTDC320UF02, OTDC320UF20, OTDC320UF22, OTDC320UF02S, OTDC320UF20S
OTDC320UFS11, OTDC320UFS02, OTDC320UFS20, OTDC320UFS22, OTDC320UFS02S, OTDC320UFS20S
OTDC400F11-ESS, OTDC400F02-ESS, OTDC400F20-ESS, OTDC400F22-ESS, OTDC400F02S-ESS, OTDC400F20S-ESS



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OTDC320UF11-ESS, OTDC320UF02-ESS, OTDC320UF20-ESS, OTDC320UF22-ESS, OTDC320UF02S-ESS,
OTDC320UF20S-ESS
OTDC320UFS11-ESS, OTDC320UFS02-ESS, OTDC320UFS20-ESS, OTDC320UFS22-ESS, OTDC320UFS02S-ESS,
OTDC320UFS20S-ESS
OTDC400FV11, OTDC400FV02, OTDC400FV20, OTDC400FV22, OTDC400FV33, OTDC400FV02S, OTDC400FV20S
OTDC320UFV11, OTDC320UFV02, OTDC320UFV20, OTDC320UFV22, OTDC320UFV02S, OTDC320UFV20S
OTDC320UFSV11, OTDC320UFSV02, OTDC320UFSV20, OTDC320UFSV22, OTDC320UFSV02S, OTDC320UFSV20S
OTDC400FV11-ESS, OTDC400FV02-ESS, OTDC400FV20-ESS, OTDC400FV22-ESS, OTDC400FV02S-ESS,
OTDC400FV20S-ESS
OTDC320UFV11-ESS, OTDC320UFV02-ESS, OTDC320UFV20-ESS, OTDC320UFV22-ESS, OTDC320UFV02S-ESS,
OTDC320UFV20S-ESS
OTDC320UFSV11-ESS, OTDC320UFSV02-ESS, OTDC320UFSV20-ESS, OTDC320UFSV22-ESS, OTDC320UFSV02S-ESS,
OTDC320UFSV20S-ESS

Tested types 500A:

OTDC500F11, OTDC500F02, OTDC500F20, OTDC500F22, OTDC500F33, OTDC500F02S, OTDC500F20S
OTDC400UF11, OTDC400UF02, OTDC400UF20, OTDC400UF22, OTDC400UF02S, OTDC400UF20S
OTDC400UFS11, OTDC400UFS02, OTDC400UFS20, OTDC400UFS22, OTDC400UFS02S, OTDC400UFS20S
OTDC500F11-ESS, OTDC500F02-ESS, OTDC500F20-ESS, OTDC500F22-ESS, OTDC500F02S-ESS, OTDC500F20S-ESS
OTDC400UF11-ESS, OTDC400UF02-ESS, OTDC400UF20-ESS, OTDC400UF22-ESS, OTDC400UF02S-ESS,
OTDC400UF20S-ESS
OTDC400UFS11-ESS, OTDC400UFS02-ESS, OTDC400UFS20-ESS, OTDC400UFS22-ESS, OTDC400UFS02S-ESS,
OTDC400UFS20S-ESS
OTDC500FV11, OTDC500FV02, OTDC500FV20, OTDC500FV22, OTDC500FV33, OTDC500FV02S, OTDC500FV20S
OTDC400UFV11, OTDC400UFV02, OTDC400UFV20, OTDC400UFV22, OTDC400UFV02S, OTDC400UFV20S
OTDC400UFSV11, OTDC400UFSV02, OTDC400UFSV20, OTDC400UFSV22, OTDC400UFSV02S, OTDC400UFSV20S
OTDC500FV11-ESS, OTDC500FV02-ESS, OTDC500FV20-ESS, OTDC500FV22-ESS, OTDC500FV02S-ESS,



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OTDC500FV20S-ESS

OTDC400UFV11-ESS, OTDC400UFV02-ESS, OTDC400UFV20-ESS, OTDC400UFV22-ESS, OTDC400UFV02S-ESS,
OTDC400UFV20S-ESS

OTDC400UFSV11-ESS, OTDC400UFSV02-ESS, OTDC400UFSV20-ESS, OTDC400UFSV22-ESS,
OTDC400UFSV02S-ESS, OTDC400UFSV20S-ESS

Tested types 630A:

OTDC630F11, OTDC630F02, OTDC630F20, OTDC630F22, OTDC630F02S, OTDC630F20S

OTDC600UF11, OTDC600UF02, OTDC600UF20, OTDC600UF22, OTDC600UF02S, OTDC600UF20S

OTDC600UFS11, OTDC600UFS02, OTDC600UFS20, OTDC600UFS22, OTDC600UFS02S, OTDC600UFS20S

OTDC630F11-ESS, OTDC630F02-ESS, OTDC630F20-ESS, OTDC630F22-ESS, OTDC630F02S-ESS, OTDC630F20S-ESS

OTDC600UF11-ESS, OTDC600UF02-ESS, OTDC600UF20-ESS, OTDC600UF22-ESS, OTDC600UF02S-ESS,
OTDC600UF20S-ESS

OTDC600UFS11-ESS, OTDC600UFS02-ESS, OTDC600UFS20-ESS, OTDC600UFS22-ESS, OTDC600UFS02S-ESS,
OTDC600UFS20S-ESS

OTDC630FV11, OTDC630FV02, OTDC630FV20, OTDC630FV22, OTDC630FV02S, OTDC630FV20S

OTDC600UFV11, OTDC600UFV02, OTDC600UFV20, OTDC600UFV22, OTDC600UFV02S, OTDC600UFV20S

OTDC600UFSV11, OTDC600UFSV02, OTDC600UFSV20, OTDC600UFSV22, OTDC600UFSV02S, OTDC600UFSV20S

OTDC630FV11-ESS, OTDC630FV02-ESS, OTDC630FV20-ESS, OTDC630FV22-ESS, OTDC630FV02S-ESS,
OTDC630FV20S-ESS

OTDC600UFV11-ESS, OTDC600UFV02-ESS, OTDC600UFV20-ESS, OTDC600UFV22-ESS, OTDC600UFV02S-ESS,
OTDC600UFV20S-ESS

OTDC600UFSV11-ESS, OTDC600UFSV02-ESS, OTDC600UFSV20-ESS, OTDC600UFSV22-ESS, OTDC600UFSV02S-ESS,
OTDC600UFSV20S-ESS

Tested types 630A (2-poles in parallel):

OTDC630F22-PV2



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OTDC630FV22-PV2

Tested types 800A (2-poles in parallel):

OTDC800F11, OTDC800F22
OTDC800F11-ESS, OTDC800F22-ESS
OTDC800UF22
OTDC800UF22-ESS
OTDC800FV11, OTDC800FV22
OTDC800FV11-ESS, OTDC800FV22-ESS
OTDC800UFV22
OTDC800UFV22-ESS
OTDC800F22-PV2
OTDC800FV22-PV2
OTDC800UF22-PV2
OTDC800UFV22-PV2

Tested types 1000A (2-poles in parallel):

OTDC1000F22
OTDC1000F22-ESS
OTDC1000UF22
OTDC1000UF22-ESS
OTDC1000FV22
OTDC1000FV22-ESS
OTDC1000UFV22
OTDC1000UFV22-ESS



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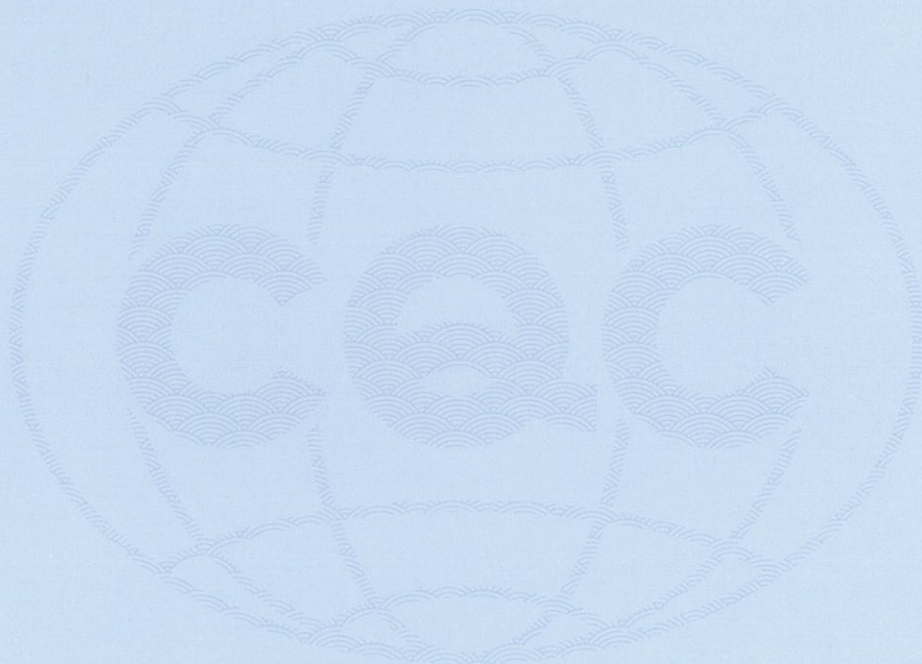
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Tested types 800A (5 poles):

OTDC800UF23

OTDC800UFV23



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