

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Enclosed switch-disconnector

Name and address of the applicant

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Name and address of the manufacturer

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Name and address of the factory

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Note: When more than one factory, please report on page 2

☐ Additional Information on page 2

Ratings and principal characteristics

See pages 2-4

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF2

Model / Type Ref.

OTP16G_, OTE16G_

Additional information (if necessary may also be reported on page 2)

☒ Additional Information on page 2-4

A sample of the product was tested and found to be in conformity with

IEC 60947-3:2020

IEC 60947-1:2020

National Differences:

-

HELES2501000122-1

As shown in the Test Report Ref. No. which forms part of this Certificate

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2025-05-28

Signature:


Joonas Leinonen
Certification Manager

Additional information:

Conventional free air thermal current	Ith:	See table
Conventional enclosed thermal current	lthe:	See table
Rated operational current	Ie:	See table
Rated operational voltage	Ue:	See table
Utilization category		AC-21A, AC-22A, AC-23A and AC-23Ae
Rated insulation voltage:	Ui:	800 V
Rated frequency:	f:	50...60 Hz
Rated impulse withstand voltage	Uimp:	8 kV
Rated short-time withstand current	Icw:	See table
Rated short-circuit making capacity	Icm:	See table
Rated conditional short-circuit current	Icc, Iq:	See table
Number of poles:		3, 4 or 6
Degree of protection:		IP65
Mechanical strength:		IK08
Handle type:		See table

Ratings:

			OTP16G_ OTE16G_
Ui			800 V
Ith / lthe			16 A
Ie	Ue 690 V	AC-21A	16 A
		AC-22A	16 A
		AC-23A	16 A
		AC-23Ae	16 A
	Ue 500 V	AC-21A	16 A
		AC-22A	16 A
		AC-23A	16 A
	Ue 415 V	AC-21A	16 A
		AC-22A	16 A
		AC-23A	16 A
		AC-23Ae	16 A
Icw	415-690 V	1 s	0.8 kA
		0.25 s	1.25 kA
Icm			1.76 kA
Icc	415 V	6 kA	MCB S203/40A
Iq	415 V	25 kA	gG63
	415 V	50 kA	aM40
	690 V	50 kA	gG40, aM25

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2025-05-28

Signature:


Joonas Leinonen
Certification Manager

Additional information:
Designation key:

OTP	16	G	T	3	M	Q	
						Q	Quick spring terminals
						H	For horizontal mounting
					M		Cable entry knock out hole
					M25		Cable entry knock out hole 25mm
				3, 4, 6			Number of poles
			T or K				Auxiliary contact. Black handle
			A or KA				Auxiliary contact. Red/yellow handle
			TL or KL				Auxiliary contact. Black handle, lockable at 0- and I- position
			B				No auxiliary contact. Black handle
			BA				No auxiliary contact. Red/yellow handle
			BL				No auxiliary contact. Black handle, lockable at 0- and I-position
		G					OT Plus switch-disconnector inside
	16						Amperage of switch
OTP							Plastic enclosure
OTE							Plastic enclosure, EMC type

Certificate for types:

Switch type	Enclosure	Handle type
OTP16GB3M	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GB3M25	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GB3M25Q	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GB3MH	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GB3MQ	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GBA3M	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GBA3M25	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GBA3M25Q	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GBA3MQ	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GBL3M	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBE20OTL

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2025-05-28

Signature:

Jonas Leinonen
Jonas Leinonen
Certification Manager

Certificate for types:

OTP16GK3M	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GK3M25	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GK3M25Q	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GK3MQ	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GKA3M	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GKA3M25	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GKA3M25Q	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GKA3MQ	Plastic, 120x85x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GKL3M	Plastic, 120x85x85, IP65, IK08	OHBS2AJRBE20OTL
OTP16GT3M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GT3MQ	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTE16GA3M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GA3MQ	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GT3M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTE16GT3MQ	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTE16GTL3M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GA3M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GA3MQ	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GB4M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GB4MQ	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GT4M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GT4MQ	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTE16GA4M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GA4MQ	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GT4M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTE16GT4MQ	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GA4M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GA4MQ	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GBA4M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GBA4MQ	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GA6M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTE16GT6M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GA6M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GB6M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL
OTP16GBA6M	Plastic, 150x130x85, IP65, IK08	OHYS2AJRBEOTL
OTP16GBL6M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBE20OTL
OTP16GT6M	Plastic, 150x130x85, IP65, IK08	OHBS2AJRBEOTL

SGS Fimko Ltd
Takomotie 8
FI-00380 Helsinki, Finland



Date: 2025-05-28

Signature:


Jonas Leinonen
Certification Manager