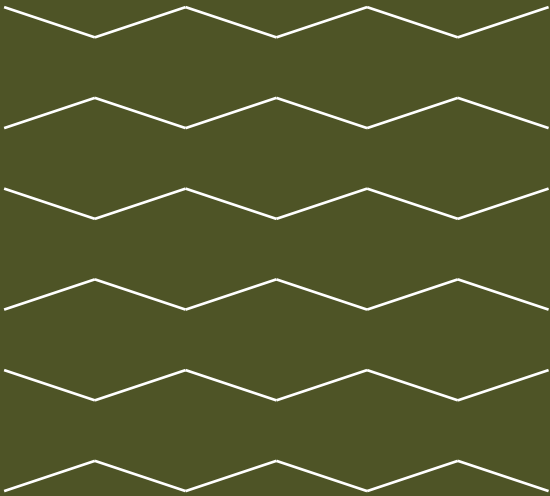


MANUFACTURER-SOURCE TECHNICAL REFERENCE

ABB MFD T-01

Product Reference

ABB FlashDrop Drive Parameter Download Tool



DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB MFD T-01
Reference number	68566380
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/68566380-mfdt-01>
Apter Power contact
sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ABB 68566380 MFDT-01 FlashDrop is a handheld parameter programming and download tool for specified ABB low-voltage drives. It transfers configuration data between a PC and the tool or between the tool and a compatible unpowered drive; it does not measure or process live field signals. Used with ABB DrivePM software and the supplied cable, it stores up to eight templates and supports documented ACS150, ACS350, ACS550-01 and ACH550-01 firmware levels. It supports OEM production, warehouse preparation and machine-installation workflows that require repeatable drive settings before equipment is energized.

Published field	Manufacturer-published value or verified identity note
Product Type	FlashDrop parameter download/programming tool
ABB MRP Code	68566380
Template Capacity	Up to 8 templates
Compatible Drives	ACS150, ACS350, ACS550-01, ACH550-01 at documented firmware levels
PC Software	ABB DrivePM version 1.1 or later
Typical Operating Time	Approximately 4 hours per charge
Typical Charging Time	Approximately 1.5 hours

System function and signal path

01	Transfers complete drive parameter sets from FlashDrop to a compatible unpowered drive and can copy parameters from a supported drive into FlashDrop.
02	Connects to a PC through the supplied PC cable for use with ABB DrivePM software.
03	Connects to the drive through the FlashDrop connector/programming tip after the control panel is removed where applicable.
04	Stores up to eight parameter templates simultaneously according to the user manual.

Applications, answers, and official sources

1 OEM production-line parameter standardization for compatible ABB drives

2 Warehouse preparation of drives before delivery or energization

3 Machine installation and commissioning preparation

4 Replicating an approved parameter set across multiple compatible drives

Frequently asked questions

What is ABB MFDT-01?	It is the ABB FlashDrop handheld parameter download and programming tool for selected ABB low-voltage drives.
What is the ABB MRP code for MFDT-01?	The reviewed ABB user manual identifies the MFDT-01 MRP code as 68566380.
Which drives are supported by the reviewed ABB manual?	ACS150 firmware 1.31b or later, ACS350 firmware 2.41a or later, and ACS550-01 or ACH550-01 firmware 3.10b or later with the FlashDrop connector under the control panel.
Can the drive be powered while parameters are downloaded with FlashDrop?	No. ABB instructs that the drive be disconnected from mains power for FlashDrop programming.
How does MFDT-01 exchange parameter sets with a PC?	It uses the supplied PC cable and ABB DrivePM software. The reviewed manual requires DrivePM version 1.1 or later.
How many parameter templates can MFDT-01 store?	The ABB user manual states that it can hold up to eight templates simultaneously.

Official ABB sources

ABB MFDT-01 FlashDrop product/features page	https://new.abb.com/drives/fr/connectivite/options-d%27interface-utilisateur/mfdt-01-outil-de-telechargement-des-parametres-flashdrop
ABB FlashDrop MFDT-01 User's Manual	https://library.e.abb.com/public/0c9652d747d1e718c125729700481382/EN_FlashDrop_UM_B.pdf
ABB life-cycle announcement: DrivePM and MFDT-01	https://library.e.abb.com/public/af72d7d6debb4d2e8a5b01813c1461e5/3AXD10001426532_en_A_Life%20cycle%20announcement%20DrivePM%20and%20The%20Drive%20Programming%20Tool%20MFDT-01.pdf