How can you check whether the binary firmware file was copied correctly from Hirschmann to your computer?

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Hirschmann provides zipped folders for firmware. Within the folder you find the binary and an additional file with the hash value of the binary.
E.g. HiOS-MSP-06102.bin-sha256.txt contains one line:
"8e98dd3098f455390734547c015d076a051affeb66cb3ae2ad7f8d7799b6c0c8 *HiOS-MSP-06102.bin".
Calculating the SHA256 hash of the binary shall deliver the same value like in the txt file, if not a bit error occured during the copy process.
How can you calculate the hash?

- Win Windows 7 you can install the Powershell 4 (Windows 10 already contains the Powershell).
  With command "get-FileHash -Algorithm SHA256 <file name>" you get the SHA256 hash value of the file.
- Another program for this calculation is "HashCheck Shell Extension"

Please note: this process has nothing to do with security, it's just to detect damaged files after copy process. Is it worth checking it? Only when a firmware update fails and you don't know a better reason.
Why does Hirschmann now use SHA256 algorithm instead of MD5 like with previous firmware releases? - Because people might have read about MD5 and SHA1 not being secure anymore, thus being unsettled and keeping us busy with phone calls. Again: MD5 offers the same without any drawback in this case.