



# CVE-2018-7851

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2018-7851
<b>State</b>	PUBLIC
<b>Assigner</b>	cybersecurity@schneider-electric.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-05-22 20:29:00 UTC
<b>Updated</b>	2022-04-19 15:35:00 UTC
<b>Description</b>	CWE-119: Buffer errors vulnerability exists in Modicon M580 with firmware prior to V2.50, Modicon M340 with firmware prio

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Schneider-electric</a>	140cra312xxx	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	140cra312xxx	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	140cra312xxx Firmware	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	140cra312xxx Firmware	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh582040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh582040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh582040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh582040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh584040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh584040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh584040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh584040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh586040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh586040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh586040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmeh586040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Bmep581020</a>	-	All	All	All

Hardware	Schneider-electric	Bmep581020	-	All	All	All
Hardware	Schneider-electric	Bmep581020h	-	All	All	All
Hardware	Schneider-electric	Bmep581020h	-	All	All	All
Hardware	Schneider-electric	Bmep582020	-	All	All	All
Hardware	Schneider-electric	Bmep582020	-	All	All	All
Hardware	Schneider-electric	Bmep582020h	-	All	All	All
Hardware	Schneider-electric	Bmep582020h	-	All	All	All
Hardware	Schneider-electric	Bmep582040	-	All	All	All
Hardware	Schneider-electric	Bmep582040	-	All	All	All
Hardware	Schneider-electric	Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Bmep582040s	-	All	All	All
Hardware	Schneider-electric	Bmep582040s	-	All	All	All
Hardware	Schneider-electric	Bmep583020	-	All	All	All
Hardware	Schneider-electric	Bmep583020	-	All	All	All
Hardware	Schneider-electric	Bmep583040	-	All	All	All
Hardware	Schneider-electric	Bmep583040	-	All	All	All
Hardware	Schneider-electric	Bmep584020	-	All	All	All
Hardware	Schneider-electric	Bmep584020	-	All	All	All
Hardware	Schneider-electric	Bmep584040	-	All	All	All
Hardware	Schneider-electric	Bmep584040	-	All	All	All
Hardware	Schneider-electric	Bmep584040s	-	All	All	All
Hardware	Schneider-electric	Bmep584040s	-	All	All	All
Hardware	Schneider-electric	Bmep585040	-	All	All	All
Hardware	Schneider-electric	Bmep585040	-	All	All	All
Hardware	Schneider-electric	Bmep585040c	-	All	All	All
Hardware	Schneider-electric	Bmep585040c	-	All	All	All
Hardware	Schneider-electric	Bmep586040	-	All	All	All
Hardware	Schneider-electric	Bmep586040	-	All	All	All
Hardware	Schneider-electric	Bmep586040c	-	All	All	All
Hardware	Schneider-electric	Bmep586040c	-	All	All	All
Operating System	Schneider-electric	Bmx/e Cra Firmware	All	All	All	All
Hardware	Schneider-electric	Bmxcr31200	-	All	All	All
Hardware	Schneider-electric	Bmxcr31200	-	All	All	All
Hardware	Schneider-electric	Bmxcr31210c	-	All	All	All

Hardware	Schneider-electric	Bmxkra31210c	-	All	All	All
Hardware	Schneider-electric	Bmxp341000	-	All	All	All
Hardware	Schneider-electric	Bmxp341000	-	All	All	All
Hardware	Schneider-electric	Bmxp341000h	-	All	All	All
Hardware	Schneider-electric	Bmxp341000h	-	All	All	All
Hardware	Schneider-electric	Bmxp342000	-	All	All	All
Hardware	Schneider-electric	Bmxp342000	-	All	All	All
Hardware	Schneider-electric	Bmxp3420102	-	All	All	All
Hardware	Schneider-electric	Bmxp3420102	-	All	All	All
Hardware	Schneider-electric	Bmxp3420102cl	-	All	All	All
Hardware	Schneider-electric	Bmxp3420102cl	-	All	All	All
Hardware	Schneider-electric	Bmxp342020	-	All	All	All
Hardware	Schneider-electric	Bmxp342020	-	All	All	All
Hardware	Schneider-electric	Bmxp342020h	-	All	All	All
Hardware	Schneider-electric	Bmxp342020h	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302cl	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302cl	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302h	-	All	All	All
Hardware	Schneider-electric	Bmxp3420302h	-	All	All	All
Operating System	Schneider-electric	Bmx/e Cra Firmware	All	All	All	All
Operating System	Schneider-electric	Bmx/e Cra Firmware	All	All	All	All
Operating System	Schneider-electric	M340 Firmware	All	All	All	All
Operating System	Schneider-electric	M340 Firmware	All	All	All	All
Operating System	Schneider-electric	M580 Firmware	All	All	All	All
Operating System	Schneider-electric	M580 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep581020h	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582020h	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040h	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep582040s	-	All	All	All
Hardware	Schneider-electric	Modicon M580 Bmep583020	-	All	All	All

Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep583040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584020</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584040s</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep585040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep585040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep586040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep586040c</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Premium</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Premium</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Premium Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Premium Firmware</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Security Notification - Modicon Controller   Schneider Electric	MISC	<a href="http://www.schneider-electric.com">www.schneider-electric.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[590769](#) Schneider Electric Modicon Controllers Vulnerability (SEVD-2019-134-10)

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