



# CVE-2022-37301

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## Summary

<b>CVE</b>	CVE-2022-37301
<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>	2022-11-22 12:15:00 UTC
<b>Updated</b>	2022-11-30 20:23:00 UTC
<b>Description</b>	A CWE-191: Integer Underflow (Wrap or Wraparound) vulnerability exists that could cause a denial of service of the control

## Risk And Classification

### Problem Types: CWE-191

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M340 Bmx P34-2010</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M340 Bmx P34-2010 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M340 Bmx P34-2030</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M340 Bmx P34-2030 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040c</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040c Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040s</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040s Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh582040 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040c</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040c Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040s</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040s Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh584040 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040</a>	-	All	All	All

Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040c</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040c Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040s</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040s Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmeh586040 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep581020</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep581020h</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep581020h Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep581020 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582020</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582020h</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582020h Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582020 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040h</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040h Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040s</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040s Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep582040 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep583020</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep583020 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep583040</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep583040 Firmware</a>	All	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584020</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584020 Firmware</a>	All	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
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584040s Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep584040 Firmware</a>	All	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
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep585040c Firmware</a>	All	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon M580 Bmep585040 Firmware</a>	All	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

Operating System	Schneider-electric	Modicon M580 Bmep586040c Firmware	All	All	All	All
Operating System	Schneider-electric	Modicon M580 Bmep586040 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8020301	-	All	All	All
Operating System	Schneider-electric	Modicon Mc80 Bmkc8020301 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8020310	-	All	All	All
Operating System	Schneider-electric	Modicon Mc80 Bmkc8020310 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon Mc80 Bmkc8030311	-	All	All	All
Operating System	Schneider-electric	Modicon Mc80 Bmkc8030311 Firmware	All	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu78090	-	All	All	All
Operating System	Schneider-electric	Modicon Momentum 171cbu78090 Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu98090	-	All	All	All
Operating System	Schneider-electric	Modicon Momentum 171cbu98090 Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Momentum 171cbu98091	-	All	All	All
Operating System	Schneider-electric	Modicon Momentum 171cbu98091 Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 1634m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 1634m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 2634m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 2634m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 2834m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 2834m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 454m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 454m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 4634m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 4634m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 554m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 554m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 5634m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 5634m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Premium Tsp57 6634m	-	All	All	All
Operating System	Schneider-electric	Modicon Premium Tsp57 6634m Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65150	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65150c	-	All	All	All
Operating System	Schneider-electric	Modicon Quantum 140cpu65150c Firmware	-	All	All	All
Operating System	Schneider-electric	Modicon Quantum 140cpu65150 Firmware	-	All	All	All
Hardware	Schneider-electric	Modicon Quantum 140cpu65160	-	All	All	All

Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140cpu65160c</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140cpu65160c Firmware</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140cpu65160 Firmware</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noc78100</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noc78100 Firmware</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noe77101</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noe77101 Firmware</a>	-	All	All	All
Hardware	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noe77111</a>	-	All	All	All
Operating System	<a href="#">Schneider-electric</a>	<a href="#">Modicon Quantum 140noe77111 Firmware</a>	-	All	All	All

## References

Reference	Source	Link	Tags
Modicon PAC Controllers Security and Safety Notice   Schneider Electric USA	CONFIRM	<a href="http://www.se.com">www.se.com</a>	
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

[591037](#) Schneider Electric Modicon PAC Controllers Vulnerability (SEVD-2022-221-02)

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