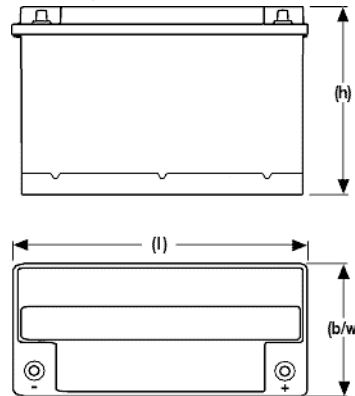


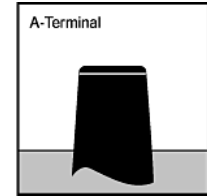
Sonnenschein A512/40 A* data sheet



Drawing:



Terminal:



Meets: UL94 HB *VdS-approved,

Specifications:

Type	Part number	Nom. Voltage	C20 1,75 VpC 20°C IEC896/2 Ah	Short circuit current acc. IEC896/2	Length mm	Width mm	Height mm	Height top of cover mm	Height over terminals mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Max. Load approx. A	Max. perm current 5 secs. A	Terminal	VDS-approved
A512/40 A*	NGA5120040HS0CA	12	40	1069	210	175	175	175	175	14.5	11.6	400	1500	A-Terminal	*VdS-approved,

Part numbers not valid for North America, use type for ordering!

Constant-current discharge in A (@20°C):

Part number	Type	Volt	5min	10min	15min	20min	30min	1h	2h	3h	5h	8h	10h
NGA5120040HS0CA	A512/40A	1.85	75.0	63.0	50.0	42.0	34.0	22.0	12.0	8.8	6.4	4.3	3.5
NGA5120040HS0CA	A512/40A	1.80	86.0	69.0	57.0	47.0	36.0	23.0	13.0	9.2	6.7	4.4	3.6
NGA5120040HS0CA	A512/40A	1.75	103.0	74.0	61.0	50.0	37.0	24.0	13.0	9.4	6.8	4.5	3.7
NGA5120040HS0CA	A512/40A	1.70	115.0	79.0	64.0	52.0	38.0	24.0	13.0	9.5	6.8	4.5	3.7
NGA5120040HS0CA	A512/40A	1.65	121.0	82.0	66.0	53.0	39.0	24.0	13.0	9.5	6.8	4.5	3.7
NGA5120040HS0CA	A512/40A	1.60	127.0	85.0	67.0	54.0	39.0	24.0	13.0	9.5	6.8	4.5	3.7

Constant-power discharge in W/block (@20°C):

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	45min	1h	1_5h
NGA5120040HS0CA	A512/40A	1.85	958.0	848.0	703.0	578.0	490.0	395.0	300.0	243.0	178.0
NGA5120040HS0CA	A512/40A	1.80	1,092.0	1,007.0	758.0	646.0	538.0	415.0	318.0	255.0	186.0
NGA5120040HS0CA	A512/40A	1.75	1,226.0	1,074.0	822.0	691.0	569.0	432.0	326.0	261.0	189.0
NGA5120040HS0CA	A512/40A	1.70	1,391.0	1,157.0	870.0	719.0	587.0	441.0	331.0	264.0	191.0
NGA5120040HS0CA	A512/40A	1.65	1,514.0	1,235.0	902.0	729.0	597.0	446.0	333.0	265.0	192.0
NGA5120040HS0CA	A512/40A	1.60	1,577.0	1,299.0	923.0	735.0	603.0	449.0	334.0	266.0	192.0