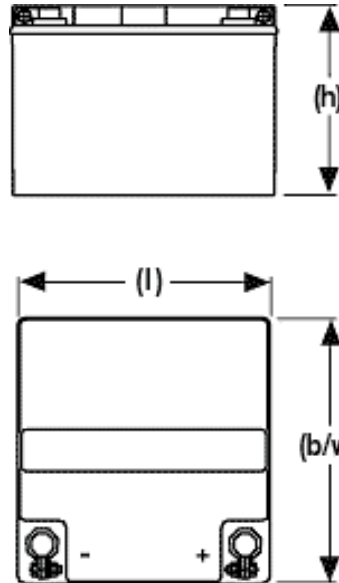


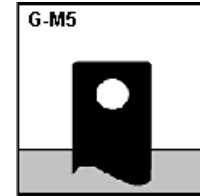
Sonnenschein A412/20 G5 data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	Nom. Voltage	C10 VpC 20° C IEC896/2 Ah	Short circuit current acc.	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
A412/20 G5	NGA4120020HS0BA	12	20	460	176	167	126	126	126	8.5	25	200	800	G-M5

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	45min	1h	2h	3h	4h	5h	8h	10h
NGA4120020HS0BA	A412/20G5	1.85	33.0	25.0	22.0	20.0	17.0	14.0	11.0	6.0	4.7	3.8	3.2	2.1	1.9
NGA4120020HS0BA	A412/20G5	1.80	36.0	27.0	23.0	21.0	18.0	15.0	12.0	7.0	4.9	3.9	3.3	2.2	2.0
NGA4120020HS0BA	A412/20G5	1.75	45.0	34.0	27.0	23.0	18.0	15.0	12.0	7.0	5.0	3.9	3.3	2.2	2.0
NGA4120020HS0BA	A412/20G5	1.70	51.0	38.0	29.0	24.0	19.0	15.0	12.0	7.0	5.0	4.0	3.3	2.2	2.0
NGA4120020HS0BA	A412/20G5	1.65	56.0	40.0	31.0	25.0	19.0	15.0	12.0	7.0	5.0	4.0	3.3	2.2	2.0
NGA4120020HS0BA	A412/20G5	1.60	60.0	42.0	31.0	26.0	19.0	15.0	12.0	7.0	5.0	4.0	3.3	2.2	2.0

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

Part number	Type	Volt	2min	3min	5min	7min	10min	15min	20min	30min	45min	1h	2h	3h
NGA4120020HS0BA	A412/20G5	1.85	438.0	414.0	378.0	348.0	302.0	257.0	229.0	195.0	151.0	126.0	71.0	51.0
NGA4120020HS0BA	A412/20G5	1.80	566.0	521.0	467.0	421.0	359.0	292.0	252.0	208.0	160.0	131.0	77.0	55.0
NGA4120020HS0BA	A412/20G5	1.75	658.0	596.0	518.0	467.0	398.0	315.0	267.0	213.0	164.0	135.0	77.0	56.0
NGA4120020HS0BA	A412/20G5	1.70	741.0	657.0	555.0	494.0	424.0	331.0	277.0	216.0	166.0	136.0	78.0	56.0
NGA4120020HS0BA	A412/20G5	1.65	799.0	701.0	583.0	511.0	439.0	339.0	282.0	218.0	167.0	136.0	79.0	56.0
NGA4120020HS0BA	A412/20G5	1.60	874.0	760.0	610.0	521.0	447.0	343.0	285.0	219.0	168.0	136.0	80.0	56.0