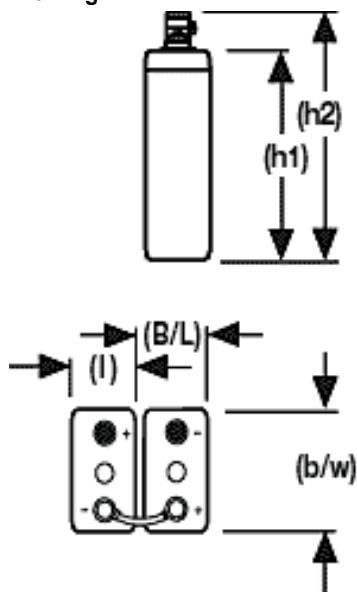


Sonnenschein 7 OPzV 490

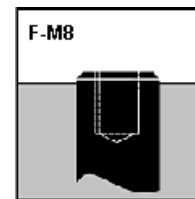
A602/490 data sheet



Drawing:



Terminal:



Meets: UL94 HB

Specifications:

Type	Part number	DIN reference	Nom. Voltage	C10 1,80 VpC 20° C IEC896/2 Ah	Short circuit current acc. IEC896/2	Length mm	Installed length mm	Width mm	Height mm	Height h2 mm	Weight Kg.	Internal resistance acc. IEC896/2 mOhm	Terminal	Pole pairs
7 OPzV 490 A602/490	NGA6020490HS0FA	7 OPzV 490	2.490	490	4096	168	176	208	475	513	40	0.51	F-M8	1

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

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

Part number	Type	Volt	10min	15min	30min	1h	2h	3h	5h	8h	10h
NGA6020490HS0FA	7OPzV490	1.90	218.0	211.0	192.0	163.0	122.0	103.0	79.0	56.0	47.0
NGA6020490HS0FA	7OPzV490	1.87	284.0	264.0	234.0	198.0	140.0	114.0	87.0	61.0	49.0
NGA6020490HS0FA	7OPzV490	1.83	398.0	355.0	291.0	244.0	171.0	133.0	96.0	63.0	51.0
NGA6020490HS0FA	7OPzV490	1.80	453.0	410.0	323.0	263.0	182.0	140.0	99.0	64.0	52.0
NGA6020490HS0FA	7OPzV490	1.75	472.0	448.0	366.0	286.0	195.0	147.0	101.0	67.0	52.0
NGA6020490HS0FA	7OPzV490	1.70	517.0	498.0	411.0	301.0	201.0	150.0	102.0	68.0	52.0
NGA6020490HS0FA	7OPzV490	1.65	607.0	550.0	450.0	313.0	204.0	152.0	102.0	68.0	52.0
NGA6020490HS0FA	7OPzV490	1.60	673.0	601.0	472.0	319.0	206.0	153.0	102.0	68.0	52.0

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

Part number	Type	Volt	3min	5min	10min	15min	20min	30min	1h	1_5h
NGA6020490HS0FA	7OPzV490	1.90	533.1	514.5	477.8	454.6	442.3	416.7	320.2	268.5
NGA6020490HS0FA	7OPzV490	1.87	590.3	569.3	533.5	496.5	471.8	444.1	363.7	294.5
NGA6020490HS0FA	7OPzV490	1.83	714.0	674.3	606.7	555.3	529.7	486.3	412.6	328.5
NGA6020490HS0FA	7OPzV490	1.80	841.2	801.5	702.3	635.8	585.7	525.7	437.8	351.8
NGA6020490HS0FA	7OPzV490	1.75	918.2	879.7	814.3	735.0	674.3	576.3	456.5	379.6
NGA6020490HS0FA	7OPzV490	1.70	1,065.9	1,010.3	917.0	848.2	782.8	661.5	479.5	391.1
NGA6020490HS0FA	7OPzV490	1.65	1,132.8	1,094.3	994.0	919.4	852.8	720.4	495.3	396.1
NGA6020490HS0FA	7OPzV490	1.60	1,222.3	1,176.5	1,067.5	963.4	897.2	754.9	504.1	397.7