



Certification Record

CUSTOMER	CLASS	FILE
IDEC Corporation 6-64 Nishimiyahara 2-Chome, Yodogawa-Ku Osaka 532-0004 Japan	<u>3211-03</u> INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices	092374_0_000
Refer to Class Description for program details		

- Switch units, Series AL, AL-P and AB, open type with suffixes, rated: Model Nos AL8, AL8-P or AB8, AL1, AL1-P or AB1:

	Res.	Gen.
125V ac	1A	0.7A
110V dc	0.2A	0.1A
30V dc	1A	0.7A
Model Nos AL2, AL2-P or AB2, AL6, AL6-P, AB6 or AS6:		
	Res.	Gen.
250V ac	0.5A	0.5A
125V ac	1A	0.7A
110V dc	0.2A	0.1A
30V dc	1A	0.7A



- Transformer, AL-TD Series, for use with AL and AL-P Series, input: 100 to 240V ac, 50/60Hz, 1.6VA max; output: 6V max.
- Series MA (with suffixes) switch units, open type, rated as follows: MA2L, MA3L, MA2B and MA3B Series, contact ratings: (gold overlaid) 125V ac, 0.1A res.; 30V dc, 0.1A, res.; (silver clad) 125V ac, 3A res.; 250V ac, 2A res.; 125V ac, 2A general; 250V ac, 1.5A general; 30V dc, 2A res.; 30V dc, 2A res.; 30V dc, 1A general; 125V dc, 0.4A res.; or 125V dc, 0.2A general. Lamp ratings (MA2L, MA3L Series): 5, 6, 12, 24 and 28V dc LED. MA2P and MA3P Series: Lamp ratings 5, 6, 12, 24 and 28V dc LED.

Notes:

1. Open type devices are Certified as components for use only in other Certified equipment where the suitability of the combination is determined by the Canadian Standards Association.
 2. These devices are Certified for use in circuits where the power is limited by a transformer, rectifier, voltage divider, or a similar device (overload devices and fuses are excluded), and where the short circuit limit between conductors or between conductors and ground is 1500VA or less, and where a fire hazard will not result from a short circuit.
- Contact units, Types HW-CB, HW-FB, HW-CL and HW-FL, may be followed by suffixes, contact rated A600, lamp input rated 6 to 120 V ac/dc, 1 W or transformer input rated 100 to 480 V, 50/60 Hz, or 100 to 240 V, 50/60 Hz for transformer HW-T, for assembling with operator units, Type

HW with suffixes, with/without lamp to form illuminated or non-illuminated switches, consisting of Contact Blocks, Types HW-C10, -C01, -C10R, -C01R, -F10, -F01, -F10R, -F01R, -G10, -G01, -G10R and -G01R, and/or transformers, Types TW and TW-S, HW-L and HW-T or direct adaptors, Types TW-DA1, TW-DA1F, HW-DA1, HW-DA1F and HW-GA1 and connecting units, Types HW-CB1C and -CB2C and -CBL and/or lamp.

Notes:

1. Open type devices are certified as components for use only in other certified equipment where the suitability of the combination is determined by CSA International.
2. HW series may be assembled by customer, as such, contact block(s), transformer (or direct adapter), connecting unit, operator unit and lamp may be shipped separately.

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Certification Record

CUSTOMER	CLASS	FILE
IDECC Corporation 6-64 Nishimiyahara 2-Chome, Yodogawa-Ku Osaka 532-0004 Japan	<u>3211-07</u> INDUSTRIAL CONTROL EQUIPMENT-Miscellaneous Apparatus	092374_0_000
Refer to Class Description for program details		



- Transformers for use with submittor's LED type pilot lamps AP2M and AP6M respectively, Models AP2 and AP6, open type, rated primary 230/240V ac max, 1.6VA max, load 6V dc, 36mA.
- LED Type miniature pilot lights AP1M, AP2M, AP6M and AP8M, operating voltages 5, 6, 12, 24 V dc, 6V ac/dc, 12V ac/dc or 24V ac/dc.
- Transformers for pilot lights, Type HW-R and HW-F, input rated 100 to 480 V, 50/60 Hz, Type HW-M, input rated 100 to 240 V, 50/60 Hz, for assembling with operator units, Type HW with suffixes and lamp.
- Pilot light without transformer, Type HW-P, input rated 6 to 120 V, applicable lamp rating, incandescent lamp 6.3, 18, 24 and 30 V, 1 W and LED lamp 6, 12, 24 and 120 V.

Notes:

1. Open type devices are Certified as components for use only in other Certified types where the suitability of the combination is to be determined by CSA International.
2. Suffix designations indicate mechanical variations.
3. Barriers may be necessary in certain applications to insure proper spacing.

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