





Product Service

**CERTIFICATE****No. B 11 09 76667 001**

**Model(s):** A20(1)-V4E(2)(3)R(4)  
( See attachment for model details )

**Parameters:**

Rated voltage:	See attachment
Rated current:	See attachment
Contacts:	1-3 NC, 1-3 NO, total 3 contacts max.
Utilization category:	AC-15, AC-12, DC-13, DC-12
Pollution degree:	3
Conditional short-circuit current:	1000 A
Degree of protection:	IP65 (Panel front) IP20 (Contact block)
Reinforced insulation:	Live parts to bezel

Remark: When installing/inserting the equipment, all requirements of the mentioned test standards must be fulfilled.

**Tested according to:** EN 60947-5-5/A1:2005  
EN 60947-5-1/A1:2009

**Production Facility(ies):** 76667

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### 1. The differences of the series models are listed below:

Model no: A20(1)-V4E(2)(3)R(4)

(1): denotes the style of the product.

- B: Pushbutton

- L: Illuminated Pushbutton

(2): denotes the contact arrangement

- 10 : 1 NO contact

- 20 : 2 NO contact

- 30 : 3 NO contact (for pushbutton type)

- 01 : 1 NC contact

- 02 : 2 NC contact

- 03 : 3 NC contact (for pushbutton type)

- 11 : 1 NO contact + 1 NC contact

- 12 : 1 NO + 2 NC contact (for pushbutton type)

- 21 : 2 NO + 1 NC contact (for pushbutton type)

(3): denotes the lamp operating voltage.

- None: Without full voltage adapter (for pushbutton type)

- Q0: Without Lamp (for illuminated pushbutton type)

- Q2: LED 6V AC/DC (for illuminated pushbutton type)

- Q3: LED 12V AC/DC (for illuminated pushbutton type)

- Q4: LED 24V AC/DC ( for illuminated pushbutton type)

- Q5: Incandescent 6V AC/DC (for illuminated pushbutton type)

- Q6: Incandescent 12V AC/DC ( for illuminated pushbutton type)

- Q7: Incandescent 24V AC/DC (for illuminated pushbutton type)

- QH: LED 110V AC/DC (for illuminated pushbutton type)

- QM3: LED 230/240V AC/DC (for illuminated pushbutton type)

(4): for marketing purpose, can be any alphanumeric digits or none.

### 2. The ratings of the series models are listed below:

Rated insulation voltage ( $U_i$ )	600 V			
	10 A			
Conventional enclosed thermal current ( $I_{the}$ )				
Rated operational voltage ( $U_e$ )	24 V	120 V	240 V	380 V
Utilization category	Rated operational current ( $I_e$ )			
AC-15	10 A	6 A	3 A	2 A
AC-12	10 A	10 A	6 A	2 A
DC-13	4 A	4 A	1 A	--
DC-12	8 A	8 A	2 A	--

Date: 2011-09-16



Testing Laboratory

Robert Sykes

## NKCR.E333442 Auxiliary Devices

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### Auxiliary Devices

[See General Information for Auxiliary Devices](#)

#### SWITCLAB INC

8TH FL 66 CHUNG CHENG RD  
HSIN CHUANG  
NEW TAIPEI, 242 TAIWAN

E333442

Trademark and/or Tradename: "DECA"

#### Investigated to ANSI/UL 508

**Accessory parts** Model(s) A20B-E00P

**Auxiliary Device: pushbutton switches** Model(s) A20, followed by L or B, followed by V, followed by 4, followed by E, followed by 10, 01, 20, 02, 11, 12, 21, 30, or 03, may be followed by Q0, Q2, Q3, Q4, Q5, Q6, Q7, QH, or QM3, may be followed by additional suffixes.

**Control boxes** Model(s) AB, followed by 1, 2, or 3, followed by T or W, may be followed R, followed by 0, 1, 2, 3, 4 or 5, followed by 0 or 1, followed by 0, 1, 2 or 3, followed by Y or Z.\$

**Key selector switches** Model(s) A20, may be followed by 4, followed K, followed by 2 or 3, maybe followed by 1, 2 or 3, followed by A, B, C, D, E, G or H, followed by E, followed by 10, 01, 20, 02, 11, 30, 03, 21, 12, 20N1, 02N1, 11N1, 11N2, 11N3 or 11N4, followed by 2 or 2U, maybe followed 1-3 alphanumeric coding.

**Lamp blocks** Model(s) A20-E00P

**Lamp blocks (Without Transformer, for Pilot Light A20P Series only)** Model(s) A20-EH, A20-EH2, A20-EM, A20-EM4, A20-EQ

**Limit switches** Model(s) SL4B, followed by 00 to 99, may be followed by X, 1, 2, 3, 5, 6, 7, may be followed by X, 1, 3, 6, A, B, may be followed by X, A, B, C.

SL4N, followed by 00 to 99, may be followed by X, 1, 2, 3, 5, 6, 7, 8, 9, may be followed by X, 2, A, B, C, D, E, F.

SL4NS-XX\*, SL51-XX\*, SLZE-XX\*

**Pilot lights** Model(s) A20P, followed by 1, 1B, 2T or 2, followed by E, followed by Q0, Q2, Q3, Q4, Q5, Q6, Q7, QH, QM3, H2, M2, H22, M42, H5, M5, H25 or M45, followed by R, G, S, W, Y, A, C or PW.\$

**Pushbutton switches** Model(s) A20, may be followed by 4, followed by B, or L, followed by A or M, followed by 1, 2, 4 or F2, followed by E, followed by 10, 01, 20, 02, 11, 12, 21, 30 or 03, may be followed by Q0, Q2, Q3, Q4, Q5, Q6, Q7, QH or QM3, followed by B, R, G, S, W, Y, A, C or PW, maybe followed by B, BU or U, maybe followed 1-3 alphanumeric coding.

A20, maybe followed by 4, followed by B, or L, followed by A or M, followed by 1, 2, 4 or F2, followed by E, followed by 10, 01, 20, 02, 11, 12, 21, 30 or 03, may be followed by Q0, Q2, Q3, Q4, Q5, Q6, Q7, QH or QM3, followed by B, R, G, S, W, Y, A, C or PW, maybe followed by B, BU or U, maybe followed 1-3 alphanumeric coding.

M, followed by PL or PB, followed by 2, followed by CP or CF or M, followed by M10D, M11D, A10D or A11D, followed by R, G, W or Y

**Selector switches** Model(s) A20, may be followed by 4, followed K, followed by 2 or 3, maybe followed by 1, 2 or 3, followed by A, B, C, D, E, G or H, followed by E, followed by 10, 01, 20, 02, 11, 30, 03, 21, 12, 20N1, 02N1, 11N1, 11N2, 11N3 or 11N4, followed by 2 or 2U, maybe followed 1-3 alphanumeric coding.

Series A20, maybe followed by 4, followed by S or F, followed by 2 or 3, maybe followed by 1, 2 or 3, maybe followed by L, followed by E, followed by 10, 01, 20, 02, 11, 30, 03, 21, 12, 11N1, 20N1, 02N1, 11N2, 11N3 or 11N4, maybe followed by Q0, Q2, Q3, Q4, Q5, Q6, Q7, QH or QM3, followed by Blank, G, R, S, W, Y, A, C or PW, maybe followed by Blank or U, maybe followed 1-3 alphanumeric coding.

**Switch contact blocks** Model(s) A20-E01P, A20E10P

\$ - Maybe followed 1-3 alphanumeric coding.

\* - Where XX is 00 to 99 representing the actuator style.

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