PROTECTION RELAY

• Various multi-relay • Wide range CT

ANNUNCIATOR

 $\cdot \text{ Annunciator }$

ELECTRONICS LCD MULTIMETER

- Various electronic multimeter
- $\boldsymbol{\cdot}$ Electric power monitoring software

□<u>TRANSDUCER</u>

- Small-sized plug-in Installation base Plug-in
- \cdot Alarm setter $\ \cdot$ Static detector
- Arrestor for signal/power/induced lightning detection
- $\cdot \text{ Small-sized box } \cdot \text{ Small-sized multi} \text{ AC}$
- \cdot Power saving monitoring \cdot Electric power monitoring
- $\cdot \ {\rm Sensor} \ \cdot \ {\rm Signal \ processing} \ \cdot \ {\rm Special}$
- \cdot Rack storage type $\ \cdot$ Rack mounting type

POWER GENERATOR DIGITAL CONTROLLER

- \cdot Power generator control equipment $\ \cdot$ Automatic synchronous
- \cdot Synchronous check relay \cdot Automatic PF controller
- $\boldsymbol{\cdot}$ Automatic load distribution

DIGITAL MEASURING INSTRUMENT

- Automatic 3-phase PF controller · Digital Multimeter
- Highest/Lowest meter & Max. demand meter
- $\boldsymbol{\cdot}$ Circuit breaker opening/shutting monitoring display

DIGITAL DISPLAY

- Digital measuring instrument Mosaic display (15mm)
- \cdot Bar graph meter \cdot Digital counter \cdot Digital sounder

ELECTRICAL METER

- \cdot Max. demand ampere meter $\ \cdot$ Highest/Lowest meter
- Meter relay Wide angle load flow PF meter
- \cdot Electrical meter















PROTECTION RELAY

04/7-70 Jr HE RA 301	DIGITAL MULTIRELAY	DMR-F/-B/-S
	Protection, control and measurement are compact	ed by DIN size.
	FEATURES Compacted protection, control and measurement function all in ONE. Makes incoming transfer power equipment intelligently. 4 elements indication simultaneous is possible by large sized LCD. Transducer and communication output (J.NET, Modbus, protocol A) are possible. Three types: DMR-F is for feeder, DMR-B is for bus and DMR-S for secondary.	 MAIN SPECIFICATION 110V, 1A/5A Output: Analog, Pulse and Communication (option) Aux. power: DC100/110V, AC100/110V DMR-F: Instantaneous over current, over current and earth direction protection. DMR-B: Under voltage, overvoltage, and earth overvoltage protection. DMR-S: Instantaneous over current, over current and under voltage protection.



DIGITAL MULTIRELAY (Wide Range CT Support)

Quick earth phase decision by earth fault detection display

FEATURES

Makes power transformation equipment to intelligent because the multirelay compacting protection, control and measurement all in ONE. To combine with wide range CT, it corresponds to the input rating from 40A to 600A. Transducer and communication output (Modbus) are possible.

MAIN SPECIFICATION

• 110V, 1A (0.5A)

- Output: Analog, Pulse and Communication (option) • Aux. power: DC100/110V, AC100/110V

◆ DMR-FW: Instantaneous over current, over current, earth direction protection.

DMR-FW/-SW

WIDE RANGE CT		ENLIA-05
It covers the wide range by 1 unit.		
FEATURES By combining with DMR-FW, it corresponds to wide range input rating from 40A to 600A.	MAIN SPECIFICATION Max. circuit voltage: 6.9kV Rating primary current: 600-300A Rating secondary current: 1A Rating secondary burden: 0.3VA Rating over current constant: n>20-16	

ANNUNCIATOR

ANNUNCIATOR	FSA-110
8 Channel Combined FAULT/OPERATION Annunciator with Communication output CC-LINK.	
FEATURES Failure / Operation indicator and alarm output are based on signal fault input (BI) from protection relay etc. This is an all-in-one system product that combines relay circuit, alarm and indicator lamp which can reduce time and cost of wiring. Also, can transfer signal to central monitoring equipment by CC-Link communication output (option) Setting can be easily changed by OLED display.	 MAIN SPECIFICATION Input (BI): 8 Input, 1 ALAM STOP, 1 LAMP RESET Indicator Color Fault: Red/ Amber, Indicator Color Operation: White/ Green/ Blue Color can be change by setting. Alarm output: BL, BZ Option: Communication CC-Link output (Ver. 1.10) Aux. power: AC100/110V, DC100/110V

⊖ DAIICHI ELECTRONICS CO., LTD.

https://www.daiichi-ele.co.jp/ Product Catalog Digest Version. | 9e66def

□ ELECTRONIC LCD MULTIMETER

	SUPER DIGITAL MULTIMETER	SQLC-110L
	Power monitoring + Preventive by 1 unit. 4 measuring of	display simultaneously.
SQLC-110L DAIICHI	FEATURES	MAIN SPECIFICATION
B B D D 100 A 5500 B D D B 75 V W D B D D D B 75 V W D B D D D B 75 V W D B D D D B 75 V D B D D D B 75 V D B D D D D D D D D D D D D D D D D D	Various kinds of electrical elements such as A, V, DA (demand current), Max DA, W, DW (demand power), Max DW, var, VA, PF, Hz, leak current, harmonic RMS value, distortion ratio, harmonic content in percentage, watt-hour, var-hour by this 110mm*110mm single unit. Various kinds of output as 4 analog circuits output, pulse output, alarm output, CPU abnormal output and communication output compliant (CC-Link, Modbus RTU and Protocol A (RS-485)).	 1P2W, 1P3W, 3P3W, 3P4W (110V/220V, 1A/5A) Output: Analog/ Communication/ Pulse (option) Aux. power: AC85-264V / DC80-143V common or DC20-56V Withstand voltage: 2,000V

	SUPER DIGITAL MULTIMETER	SFLC-110L
	An economic type of SQLC-110L, possible to share ST	OCK.
910-1100 50 50 50 50 50 50 50 50 50	FEATURES Measure and monitor A*3, V*3, DA (demand current), Max DA, W, DW (demand power), Max DW, var, VA, PF, Hz. Selection of backlight ON, OFF, AUTO. Setting of brightness is possible. Energy-saving and Environmental friendly	MAIN SPECIFICATION Common type of 12PW, 1P3W, 3P3W Modbus/ Pulse/ Contact-outputs (option) Aux. power: AC85-264V & DC80-143V Withstand voltage: 2,000V

	DC METER RELAY	MRLC-110
	Max. 3 circuits input. Equipped 6-circuit of contact or 4-	-circuit for communication output
HEL-10 10.0 70.0 80 20 10.0 70.0 100 0 20 100 100 100 100 100 100 100 100	FEATURES Voltage or current of DC circuit can be measured for max.3 circuits by 1 unit. Detection function for upper and lower limit of 6 independent systems; Can output the contact point by 6 circuits. Centralized monitoring is possible by adapt the system with communication output.	MAIN SPECIFICATION Output: alarm, communication (option) Aux. power: AC/DC 85-143V common or DC20-56V Withstand voltage: 2,000V
DAIICHI		

DAIICHI ELECTRONICS CO., LTD.

□<u>TRANSDUCER</u>



FEATURES

FEATURES

available

Compact, high voltage withstands design. With insulated 2 outputs, control and monitoring by one single unit is possible. Withstand voltage between input, output, aux. power source and outer case is AC2, 000V (some is 1,500V) for 1 minute insulation. Constant voltage and constant current output type. Power condition (ON or OFF) is confirmed with LED. Zero span adjustment is possible.

INSTALLATION BASE

MAIN SPECIFICATION

- Input: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V, 10V and others.
- Various output: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V and 10V

FSBS/FWBS/FWBA

TP SERIES

- Aux. power: AC/DC 80-264V common or DC 24V.
- High precision.
- Installation to multi-relay base is possible.

Collective power source type can reduce wiring of power source.

FEATURES There are two types, storable quantity 16 units and 8 units. Choose a storable quantity 8-unit type if there are few transducers (1-output/2-output) to install, or when storage space is limited. Two types, wall mounting and DIN rail mounting are available. A terminal block or a connector can be chosen as the 1st output in accordance with output destination. As for FWBA type, each unit has a power supply built-in individually and comes in ON/OFF with power switch by transducer putting on and taking off.

.

- MAIN SPECIFICATION
- For 16-unit, for 8-unit.
- For 1-output, for 2-output.
 Installation: wall mounting, DIN rail mounting.
- Output form: a terminal block or a connector (only for 1st
- Output form: a terminal block of a connector (only for output).
- Collective power source.
- Withstand voltage: 2,000V
 - (Depends on mounting transducers).

INS ISOLATOR ISOLATOR

Compatible with CE marking

(aux. power source DC24V)

PLUG-IN TRANSDUCER (ONE OUTPUT)

Safety design with characteristics of fume-resistance and humidity

resistance. Suitable for harsh environment such as drainage system.

case is AC2, 000V for 1 minute insulation. Constant voltage and

types of equipment such as signal, sensor, and AC transducer are

Withstand voltage between input, output, aux, power source and outer

constant current output type. Zero span adjustment is possible. Many

High quality converter with many varieties(Broad range of usage from general industry to atomic energy)

MAIN SPECIFICATION

- Input: 4-20mA,1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V, 10V and others.
- Various output: 4-20mA, 1mA, $5\,\mathrm{mA}$, 10mA, 100mV, 1V, 5V, 1-5V and 10V
- Aux. power: AC100V, AC110V, AC200V, AC220V, DC24V, DC48V (DC100/110V only for TP2)

and a state of the state of the	PLUG-IN TRANSDUCER (TWO OUTPUT)	W SERIES
	High quality two output converter with many varieties/Controlling FEATURES Controlling and monitoring are possible in one single unit because of two outputs whose circuits are insulated. Zero span adjustment is possible at every output. Withstand voltage between input, output, aux. power source and outer case is AC2, 000V for 1 minute insulation. Constant voltage and constant current output type. Selected from isolator, distributor, thermocouple, resistance	
	temperature, potentiometer, revolution, AC current, voltage, frequency transducer, etc.	

⊖ DAIICHI ELECTRONICS CO., LTD.

https://www.daiichi-ele.co.jp/ Product Catalog Digest Version. | 9e66def

TRANSDUCER



PLUG-IN TRANSDUCER SOFT SPEC TYPE

C SERIES

High quality converter with many varieties (Broad range of usage from general industry to atomic energy) FEATURES MAIN SPECIFICATION Input: 4-20mA,1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V,

Operation parameter setting with CCM-1. Virtual output for loop test is possible. Withstand voltage between input, output, aux. power and outer case is AC1, 500V, 1 minute insulation. Constant voltage and constant current output type. Zero span adjustment is possible. Types of equipment of addition & subtraction operation, multiplication & division operation temperature & pressure correction function generation, analog backup, voltage pulse, etc. are available.

SDLC-105A



PLUG-IN LCD ALARM SETTER

Selection according to usage. Easy setting with LCD screen FEATURES

Instrumentation setter which outputs excess or deficiency with two independent contact signals after comparing with setting value (DC voltage or DC current signal as an input). Compatible with software: Free setting of input with real scale according to processed amount and free setting/change of each setting values (operation value, contact delay, etc). Input and each setting value are displayed with real scale and each setting value is displayed with 4 digits LCD (w/ back light). SDDV-105 for deviation detection among input signals

MAIN SPECIFICATION

10V and others

DC24V. DC48V

setting change.

1V. 5V. 1-5V and 10V

.

● Various input: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V, 10V and other.

Various output: 4-20mA, 1mA, 5mA, 10mA, 100mV,

Aux. power: AC100V, AC110V, AC200V, AC220V,

• Special programming unit CCM-1 is necessary for

• Aux. power: AC100V, AC110V, DC24V, DC48V, DC100V, DC110V Alarm output 2 contact

- Start delay(SD) Contact delay(CD)
- SDDV-105: Detection of deviation among input signals and deviation of individual input signal.



.

PLUG-IN ALARM SETTER

signal with DC current or DC voltage as an input.

signal with DC current or DC voltage as an input. This product

can be used in combination with various sensor or transducer

SD SERIES

S-63 SERIES

Selection between digital and real scale setting type for detection of AC voltage/ DC voltage MAIN SPECIFICATION SVD series: Setter with digital % scale which outputs contact SVD series: • Setting method: HL/HH/LL/H/L ● Various input voltage ● Aux. power: AC/DC80-264V signal with AC voltage as input. SDD series: Setter with digital % scale which outputs contact

common , DC24V, DC48V ● Contact delay circuit (option), SDD, SD series: ● Setting method: HL/HH/LL/H/L SD series: Setter with analog real scale which outputs contact Various DC voltage/ current input

- Aux. power: AC100V, AC110V, DC24V and DC48V (DC100V, DC110V only for SDD)
- Contact delay circuit (option)

STATIC DETECTOR

FEATURES

Most suitable for detection of AC/DC, revolution of tacho-generator, load flow, earth resistance, voltage shortage, etc FEATURES MAIN SPECIFICATION S-63 series: Multi-function electronic detector for the purpose of control Input: Various current, voltage, frequency, etc to deal with various needs including automation of power supply Operation time: 0.5-50 seconds • system, labor and energy saving system. This product can be used for . Control power: AC110/220V, DC24V, DC48V and power current circuit measuring instrument, reverse power of DC110V (Multiplier is externally equipped on some generator in shipping field, frequency control and overload detection of models). motor, etc. SFD-HL-74(±0.01Hz): for high precision frequency Setting method: L-H × 3 (according to product use) detection

ARRESTOR FOR SIGNAL/POWER/INDUCED LIGHTNING DETECTION **DA/UV-2 SERIES** System equipment protection from inductive lightning surge evoked to transmission line of measuring equipment FEATURES MAIN SPECIFICATION DA series: Indoor-installed arrestor to protect equipment by absorbing DA series: inductive lightning surge voltage which appears on signal line caused For instrumentation use: 4-20mA for thermo. by electrical discharge of lightning. Small-sized plug-in structure. Line resistance, thermocouple, potentiometer, pulse. can not be open if main body part is extracted from terminal block part For power: AC/DC 110V/3A, 20A ; AC/DC220V/3A, 20A DC24V/3A UV-2 series: Detection of induced lightning. Arrester operation indication (Frontal display turns black to red and remain red after UV-2 series: detection). Easy recognition of arrester exchange period by visible For instrumentation use, for fine series/RS series arrester operation. No power supply needed. By direct installation to exclusive use terminal make small space need and wiring production cost reduce.

DAIICHI ELECTRONICS CO., LTD.

https://www.daiichi-ele.co.jp/ Product Catalog Digest Version. | 9e66def

TRANSDUCER

SMALL-SIZED AC TRANSDUCER

90 SERIES



FEATURES Small-sized, power-oriented. Abundant auxiliary power source. Abundant output and compatible with special specification. A series of root mean squared value type to deal with distorted wave. Many types of equipment: Current, voltage, electric power, reactive power, power factor, V-V phase angle, V-I phase angle and frequency.

Small-sized box converter. 2 types of installation: DIN rail mounting and wall-mounting MAIN SPECIFICATION

- 1P2W, 1P3W, 3P3W ,3P4W (110V/220V, 1A/5A) • Various output: Constant current output: 4-20mA, 1mA, 5mA
- and 10mA, constant voltage output: 100mV, 1V, 5V, 1-5V, 10V

Input: 4 -20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V, 10V

Various output: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V,

Aux. power: AC100/110V, 200/220V, DC20-57V, DC100/110V

DIN rail mounting possible ● Tolerance: ±0.25%

- and compatible with special specification. • Aux. power: AC100/110V, 200/220V, DC24V, DC100/110V
- Withstand voltage: 2,000V
- DIN rail mounting is possible

TT2-91A

 arter. 2 types of installation: DIN rail mounting and wall-mounting. MAIN SPECIFICATION Input: 4 -20mA, 1mA, 5mA, and other Various output: 4-20mA, 1m Stand other Various output: 4-20mA, 1m 1-5V and 10V Aux. power: AC100/110V, 2 Withstand voltage: 2,000V

	ELECTRIC POWER MONITORING TRANSDU	CER	PMT
	Multi-measurement converter with RS-485 type Communication Most suitable for energy-saving management with watt-hou		
C) The contract of the contrac	FEATURES Various kinds of electrical elements such as voltage, max. demand current, demand current, instantaneous current, electrical power, reactive power, power factor, frequency, watt-hour, and var-hour can be measured and monitored in one single unit. Energy saving management is possible by watt-hour measuring function. Load flow measuring simultaneously (output 2 quadrant) of reactive power, power factor, watt-hour and var-hour is possible. Max. connection is 31 units.	MAIN SPECIFICATION 1P2W, 1P3W, 3P3W (110V/220V, 1A/5A) Current measuring range: 1A-30KA 43 ranges Voltage measuring range: 150V-750KV 16 ranges Output: RS-485 Communication output/ Pulse outp Aux. power: AC85-253V/ DC80-143V (common). 	ut

TRANSDUCER

SENSOR TRANSDUCER	80 SERIES
Selection of transducer with sensor as an input. FEATURES Convert signal from the sensor of thermo resistance, thermocouple, tacho-generator, and potentiometer to unified signal among systems. Because circuit like linearizer and burnout are incorporated. Sensor transducer is compatible with similar specification of electrical power transducer which withstand voltage is 2,000V.	 MAIN SPECIFICATION Input: Various sensor Various output: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V and 10V Aux. power: AC100/110V, 200/220V, DC24V, DC48V, DC100/110V Withstand voltage: 2,000V ● Tolerance: ±0.5%
 SIGNAL PROCESSING TRANSDUCER	80 SERIES
Compatible with broad range of signal processing includ	ing input switchover, scaling, etc.
FEATURES By using input switching, scaling, analog pulse and addition transducer, the followings can be realized. Convert every kind of operated DC signal to weighted signals with different rated value among generators. Extract total output/scaling output adjusted for input and display/pulse signal by using input switching, scaling, analog pulse, addition transducer.	 MAIN SPECIFICATION Input: Various DC voltage/current Various output: 4-20mA, 1mA, 5mA, 10mA, 100mV, 1V, 5V, 1-5V, 10V and other. Aux. power: AC100, 110V, 200/220V, DC24/48V (DC100/110V VF-82A is excluded) Withstand voltage: 2,000V (Input/ output is non-insulated except for VF-83A, ADTT2-83A) Tolerance: ± 0.5%
SPECIAL TRANSDUCER	80 SERIES
Compatible with integrating power DC power power flow	w avela control
Compatible with integrating power, DC power, power flow FEATURES Integrating power and reactive power can be measured. Current, voltage, electric power of cycle-controlled electric furnace, etc. can be measured. Exclusive transducer for special use (measurement of DC power, etc) is available. Furthermore transducer for demand current or maximum voltage measurement is available, too.	Avec and the second secon
RACK STORAGE TYPE TRANSDUSER	RS SERIES
High quality/high performance. System structure with fre	

instrumentation) in line with purpose.

FEATURES

High quality/high performance. Thin rack storage type transducer developed for instrumentation system. Other than various industrial measuring series, our original electric power measurement series for system circuit is available. Selection of necessary measurement functions from abundant models. 2-output or connector output selection according to system structure. Storage case selection according to the number of measuring units.

MAIN SPECIFICATION

- RS(B)-19 (storage number: 14) , RS(B)-13(storage number: 8), RS(B)-9(storage number: 4)
- Power unit: ZRS AC110V, DC24V and DC110V Aux. power: Batch supply to each unit.
- Individual input: Isolator, thermocouple temperature, resistance temperature, etc.
- AC batch input: AC voltage, AC current, electric power, reactive power, power factor, frequency
- Withstand voltage: 2,000V (isolator and AC converter)
- Transmission unit
 Arrestor unit

	RACK MOUNTING TYPE TRANSDUCER	RC SERIES
	High quality/high performance. Rack mounting type transution for the second sec	ducer. ■ MAIN SPECIFICATION ● Tolerance: ±0.3%(phase angle, power factor, frequency are excluded.) ■ 1P2W, 1P3W, 3P3W ,3P4W (110V/220V, 1A/5A) ● Various output ● Aux. power: AC110V, DC110V
	3-output.	 Various output Adx. power. ACTIOV, DCTIOV Withstand voltage: 2,000V (Between output signals: AC500V) Check terminal: Option (standard setting according to type of equipment)

⊖ DAIICHI ELECTRONICS CO., LTD.

POWER GENERATOR DIGITAL CONTROLLER

	POWER GENERATOR CONTROL EQUIP	MENT AGC-300
令资格加速注意 AGC-300	Compatible with broad range of needs including power generation for habitual/emergency use and cogeneration	
	Aximum miniaturization of all-in-one controller. Panel mounting, small-sized and thin type. Power generator maximum operational units are 8 units (1 unit for each). Stable operation in line with system is realized because of easy setting/switchover of operational condition. Control equipment with synchronous check relay, prevention of power receiving reverse power, prevention of power generator overload.	 MAIN SPECIFICATION Parallel operation: power receiving and power generation. Power receiving electric power constant control, power generator electric power proportional distribution control, unit number control, power generator only operation, power generator electric power proportional distribution control Power generator only operation, power generator electric power proportional distribution control, unit number control, reactive power proportional distribution control, rated frequency control, rated voltage control. Synchronous closing control Power generator electric power: 100-9999kW Power generator electric power: 100-9999kW Control power: AC100/110V/DC100V (common) or DC24V
		NT ASY-96
	AUTOMATIC SYNCHRONOUS EQUIPMENT	
	Small-sized, multi-function. Automatic control and che	ck relay function incorporated in one single unit
POWER 5 01111 45	FEATURES	MAIN SPECIFICATION

MAIN SPECIFICATION

- Bus bar side, power generator side input: AC110V (50/60Hz) single-phase input
- Control input: Automatic synchronous start, manual synchronous start, closing designation on SLOW side

• Control output: voltage increase(60R), voltage decrease (60L), governor increase (15R), governor decrease (15L),

- synchronous check(±15°)
- Circuit breaker closing (25), alarm(ALARM) •
- Voltage difference: 1-10% Frequency difference: 0.1-0.3 Hz
- Circuit breaker progressive time(10-310ms)



18

-

SYNCHRONOUS CHECK RELAY

Automatic synchronous equipment with synchronism-check

display (LED) for parallel connection of power generator.

Smooth synchronous to control rush current and relieve system disorder/power generator shock by closing circuit

breaker at synchronous point accurately after matching

voltage and frequency on both sides

Supporting automatic/manual synchronous FEATURES Synchronous check relay with synchronism check display used for synchronous between bus bar and power generator and synchronous among systems. Used for fail safe at automatic synchronous and manual synchronous.

MAIN SPECIFICATION

- Bus bar side, power generator side input: AC110V (50/60Hz) or
- AC110V/ \checkmark 3V (50/60Hz) single-phase input
- Control output: synchronous check $(\Delta \phi)$,
- Dead bus closing (D, B, C), Alarm (ALARM)
- Control power: AC/DC common (AC100/110V, DC100/110V) •
- Frequency difference: 0.05-0.3 Hz
- Phase difference: 3-35 degree



AUTOMATIC POWER FACTOR CONTROLLER

Stable and speedy control of power factor of power generator

FEATURES

Constant control of power factor of synchronous power generator at parallel operation with system. Power factor can be improved by constant power factor of power generator even if load fluctuates

- MAIN SPECIFICATION
- AC input: 3P3W, 110V/5A
- Control input: Power factor control start (START), • remote start (REMOTE), Remote input (REMOTE INPUT)
- Control output: Voltage increase (60R), Voltage decrease (60L), alarm (ALARM)
- Control power: AC85-127V, DC80-143V

AUTOMATIC LOAD DISTRIBUTION EQUIPMENT ALS-210R/200R Free parallel operation system of power receiving and multiple power generators FEATURES MAIN SPECIFICATION Load distribution of multiple power generators can be • Parallel operation of power receiving and power generator, automatically controlled. Ideal power generator unit number proportional distribution control, unit number control control & load distribution control is possible with power receiving • Power receiving recycle operation control electric power constant control and period setting according to • Power generator high output operation load at parallel operation of power receiving and multiple power • Control input: Start designation, separation designation generators. Unit number control, proportional load distribution Control output: control and frequency control is possible at parallel operation of Governor increase(15R), Governor decrease(15L), Separation power generator. designation possible, separation command Control power: AC100/110V

DAIICHI ELECTRONICS CO., LTD.

https://www.daiichi-ele.co.jp/ Product Catalog Digest Version. | 9e66def

ASP-96

CSY-96

□ DIGITAL MEASURING INSTRUMENT

AUTOMATIC THREE-PHASE POWER CONTROLLER

PFQ-3/PFQ-6



For saving electric utility expense by discount according to power factor as well as energy saving FEATURES MAIN SPECIFICATION

- MAIN SPECIFICATION
 3P3W ,3P4W (110V/220V, 1A/5A).
- Aux. power: AC85-253V/ DC80-143V (common).

• Control system: Cyclic control, optimization control, multi-step control. Condenser control number: MAX. 3 circuits, MAX 6 circuits Control output contact: Zero voltage 1a contact (one side common) AC250V/5A, DC100V/0.5A, DC30V/5A



HIGHEST/LOWEST METER, MAX. DEMAND METER

M-96 SERIES

DIN96×96 digital meter with transducer incorporated.

FEATURES Highest/Lowest meter: MA-96/MV-96 <u>Max. demand meter</u>: MDA-96/MDV-96 Transducer incorporated. Output: Analog, Alarm. Various setting is possible with front switch. Most suitable for electric power monitoring in factory and building.

Automatic power controller for three-phase to control

condenser. Saving electric utility expense by discount

monitoring and adjustment. Effective usage of facility

capacity by reduction of electrical power loss. Extended

according to power factor. Labor saving by power factor

automatically closing amount of electrical power

longevity of equipment by stable circuit voltage.

MAIN SPECIFICATION

- Highest/Lowest meter: Input: current, voltage
- Display: Instantaneous value, highest value, lowest value
- <u>Max. demand ampere meter</u>: Input: Current, voltage,
- Display: Instantaneous value, max. demand value, demand value
- Output (Option: analog, alarm)
- Aux. power: AC100/110V, DC100/110V, DC24V
- Withstand voltage: 2,000V

	CIR
-	Most
*** 8.8.8 8 mm	FE
8800	Digita
BIBINO 🕴 🕨	Power
MC8-96	impro
	opera
ODAIICHI	1

CUIT BREAKER OPENING/ SHUTTING MONITORING DISPLAY MCB-96 suitable for circuit breaker maintenance. MAIN SPECIFICATION EATURES al display (DIN96×96) with alarm output function. Input: Voltage contact: DC110V, 10mA • er saving of circuit breaker maintenance and reliability Aux. power: AC100/110V, DC100/110V ovement. Closing time, contact parting time and Output element: Closing time, Contact parting time (holding output • ational revolution of circuit breaker can be monitored. for both), output full-scale time, output form, contact parting output multiplying factor, w/alarm output

DIGITAL DISPLAY

	DIGITAL MEASURING INSTRUMENT	DP SERIES	
	Various functions/types for various use (w/high luminance LED).		
OR+aaa			
$OR + 999_V$	Digital panel meter to display various data of main	 Various size/various types 	
	equipments from large LED to mini-graphic panel/mosaic	 Various input (compatible with broad range of options) 	
	panel for centralized monitoring control. Broad range of use	 Various auxiliary power source. 	
	in various plants measuring. High accuracy and high		
	reliability design.		
	MOSAIC DISPLAY(15mm) LPD SERIES		
111 1 1 1 1 1 1 1	LED display for centralized monitoring control graphic panel / mosaic panel		
all the life of the	FEATURES	MAIN SPECIFICATION	
		• Size: 30/50mm	
1988	panel for centralized monitoring control. BCD input.	 Input: BCD input (Data bus method) 	
	One-touch installation to mosaic panel with installation	 Character-height: 8/10/15/20/25mm 	
A	fixture. Display of electrical amount, physical quantity,	 Aux. power: DC24V 	
	etc.		
	DIGITAL COUNTER	DE SERIES	
 Mail 28-3 	Digital counter with BCD output (6-digit display)		
		MAIN SPECIFICATION	
	Digital counter with integrating display after receiving	• Number input: 10 cps (DC24V)	
KEZ 1954 3 2 1 041	pulse signals of various sensors.	 Display: 6 digits 	
Ver ov 5 A	Counter display on digital panel meter is possible with	 Output: 6-digit BCD output 	
	6-digit BCD output.	 Aux. power: DC24V 	
		Withstand voltage: 2,000V	
DIGITAL SOUNDER		DBBC	
CHIME BUZZER DELL	Various sounds/various use		
DIGITAL SOUNDER FILE	FEATURES	MAIN SPECIFICATION	
	Small-sized electronic sensor most suitable for centralized	Test function: Individual test with front side push switch	
	monitoring panel. Simultaneous 3 sounds output in one	 Simultaneous alarm output: simultaneous output of 	
	single unit. Sound volume adjustment from front side.	multiple inputs	
CHIME DUZZEN BELL	Alarm output: Consecutive 96 hours endurance.	 Rated input/rated test power: AC100/110V, DC48V, 	
	Sound notice of 3 kinds in one single unit and individual	DC24V, DC100/110V	
	sound volume adjustment. Simultaneous 3 alarm sounds		
	output. With test function. Small-sized, light-weight.		



ELECTRICAL METER



⊖DAIICHI ELECTRONICS CO., LTD.

https://www.daiichi-ele.co.jp/ Product Catalog Digest Version. | 9e66def

shunt.

broad range of options.

Withstand voltage: 2,000V