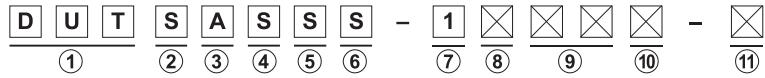


Complex-element relay



① Basic type

DUT : Single type digital protective relay

② Construction

S : Complex-element relay
DC auxiliary energizing source
(Case and cover made of iron plate)

③ Name (Function)

A : 3OCR
E : 3OCR+EFR
D: 2OCR+DGR

⑨ Rating and setting range

• 3OCR

Code symbol	Ratings	Setting range		
		Overcurrent element : 3OCR		
		Inverse time element	Instantaneous element	
CC	5A	1 to 6A	5 to 40A	
DD		2 to 12A	10 to 80A	
HH	1A	0.2 to 1.2A	1 to 8A	
JJ		0.4 to 2.4A	2 to 16A	

• 3OCR+EFR

Code symbol	Ratings	Setting range		
		Overcurrent element : 3OCR		Earth-fault overcurrent element : EFR
		Inverse time element	Instantaneous element	Inverse time element
CA	5A	1 to 6A	5 to 40A	0.1 to 0.8A
DA		2 to 12A	10 to 80A	0.1 to 0.8A
CB		1 to 6A	5 to 40A	0.5 to 4.0A
DB		2 to 12A	10 to 80A	0.5 to 4.0A
HF	1A	0.2 to 1.2A	1 to 8A	0.02 to 0.16A
JF		0.4 to 2.4A	2 to 16A	0.02 to 0.16A
HG		0.2 to 1.2A	1 to 8A	0.1 to 0.8A
JG		0.4 to 2.4A	2 to 16A	0.1 to 0.8A

• 2OCR+DGR

Code symbol	Setting range		
	Overcurrent element : 2OCR		Earth-fault directional element : DGR
	Ratings	Inverse time element	Instantaneous element
CK	5A	1 to 6A	5 to 40A
DL		2 to 12A	10 to 80A
CM		1 to 6A	5 to 40A
DN		2 to 12A	10 to 80A
CL		1 to 6A	5 to 40A
DK		2 to 12A	10 to 80A
CN		1 to 6A	5 to 40A
DM		2 to 12A	10 to 80A
HK		0.2 to 1.2A	1 to 8A
JL		0.4 to 2.4A	2 to 16A
HM	1A	0.2 to 1.2A	1 to 8A
JN		0.4 to 2.4A	2 to 16A
HL		0.2 to 1.2A	1 to 8A
JK		0.4 to 2.4A	2 to 16A
HN		0.2 to 1.2A	1 to 8A
JM		0.4 to 2.4A	2 to 16A
		3Io	3Vo
		Operation current setting	
		2A	110V
			10 to 10mA
			10 to 100mA
		190V	1 to 10mA
			10 to 100mA
		110V	10 to 100mA
			1 to 10mA
		190V	10 to 100mA
			1 to 10mA
		110V	1 to 10mA
			10 to 100mA
		190V	1 to 10mA
			10 to 100mA
		110V	1 to 10mA
			1 to 10mA
		190V	10 to 100mA
			1 to 10mA

④ Characteristics

S: Complex-element structure

⑤ No. of input

S: Complex-element structure

⑥ Output duration and operation display hold function

S: Slow reset (1s±0.1s), with indication holding function

K: Instantaneous reset (0.2s±0.1s), without indication holding function

⑦ Development order

⑧ Rated frequency

5: 50Hz

6: 60Hz

⑩ Rated auxiliary energizing source voltage

Code symbol	Rated voltage
C	100V DC
D	110V DC
E	125V DC

⑪ Special specifications

For standard products with English nameplate, black (Munsell code N1.5) frame of the relay case, and without special processing for tropical use, this need not be specified. For details, contact Fuji.