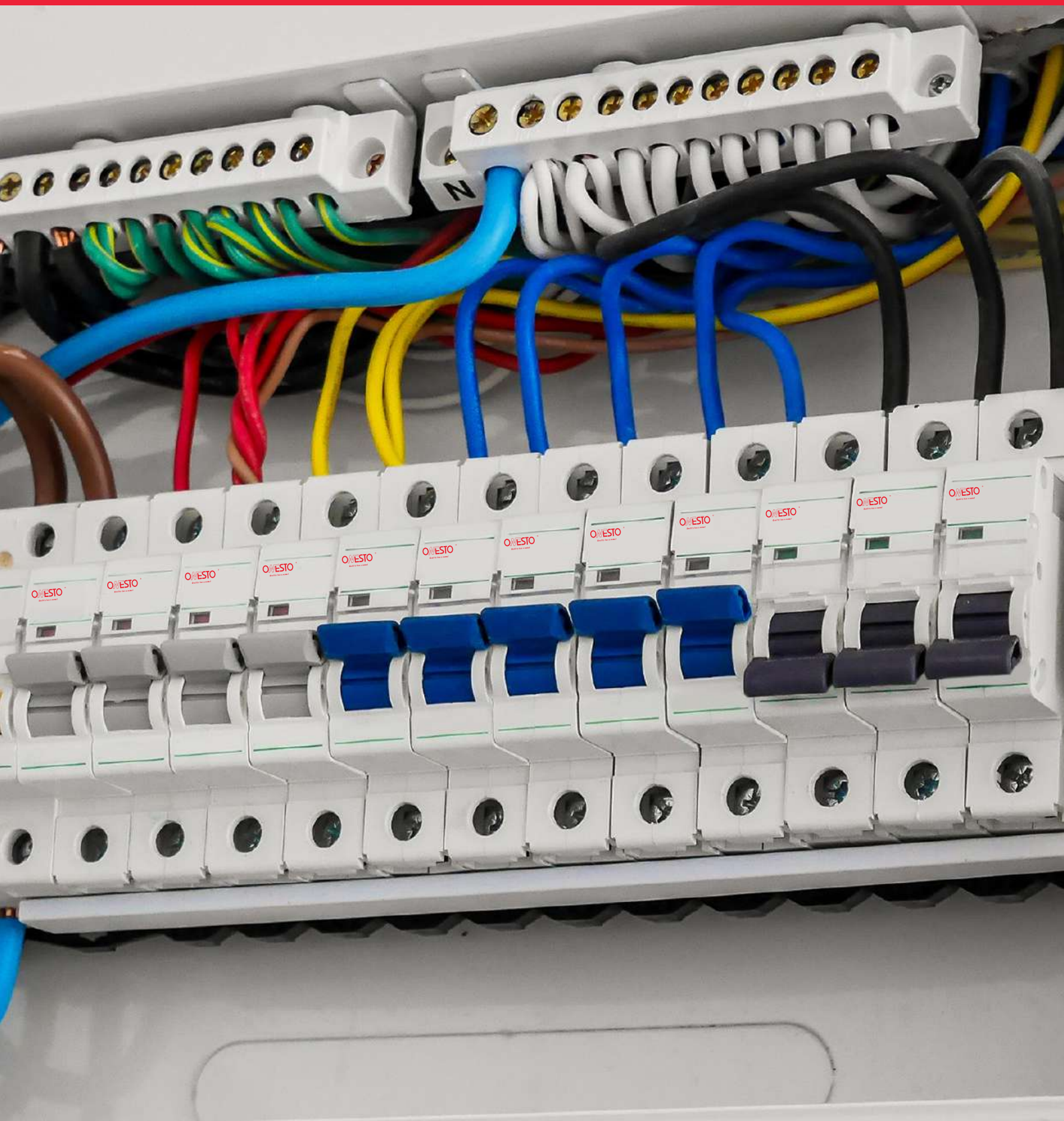


ONESTO[®]
CIRCUIT BREAKERS



ONESTO[®]
Quality has a name!

SINGLE POLE 3kA CIRCUIT BREAKERS



KC3E-101	1Amp
KC3E-102	2Amp
KC3E-103	3Amp
KC3E-104	4Amp
KC3E-106	6Amp
KC3E-110	10Amp
KC3E-116	16Amp
KC3E-120	20Amp
KC3E-125	25Amp
KC3E-132	32Amp
KC3E-140	40Amp
KC3E-150	50Amp
KC3E-163	63Amp

DOUBLE POLE 3kA CIRCUIT BREAKERS



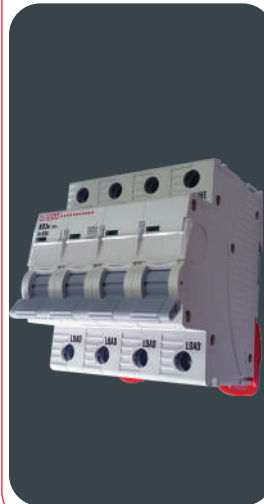
KC3E-201	1Amp
KC3E-202	2Amp
KC3E-203	3Amp
KC3E-204	4Amp
KC3E-206	6Amp
KC3E-210	10Amp
KC3E-216	16Amp
KC3E-220	20Amp
KC3E-225	25Amp
KC3E-232	32Amp
KC3E-240	40Amp
KC3E-250	50Amp
KC3E-263	63Amp

TRIPLE POLE 3kA CIRCUIT BREAKERS



KC3E-301	1Amp
KC3E-302	2Amp
KC3E-303	3Amp
KC3E-304	4Amp
KC3E-306	6Amp
KC3E-310	10Amp
KC3E-316	16Amp
KC3E-320	20Amp
KC3E-325	25Amp
KC3E-332	32Amp
KC3E-340	40Amp
KC3E-350	50Amp
KC3E-363	63Amp

FOUR POLE 3kA CIRCUIT BREAKERS



KC3E-401	1Amp
KC3E-402	2Amp
KC3E-403	3Amp
KC3E-404	4Amp
KC3E-406	6Amp
KC3E-410	10Amp
KC3E-416	16Amp
KC3E-420	20Amp
KC3E-425	25Amp
KC3E-432	32Amp
KC3E-440	40Amp
KC3E-450	50Amp
KC3E-463	63Amp

4,5kA 1 POLE + NEUTRAL



KCN-106	6Amp
KCN-110	10Amp
KCN-116	16Amp
KCN-120	20Amp
KCN-125	25Amp
KCN-132	32Amp

1 Module Width

1 Pole MCB's - Carton = 120 units, Box = 12

2 Pole MCB's - Carton = 60 units, Box = 6

3 Pole MCB's - Carton = 40 units, Box = 4

4 Pole MCB's - Carton = 30 units, Box = 3

- SABS in accordance to IEC 60947-2, VC8036
- Voltage rating 240/415V - 50/60Hz
- Suitable for domestic and industrial installations
- For protection and control of circuits against short circuits and overloads

SINGLE POLE 6kA CIRCUIT BREAKERS



KC6-KU-101	1Amp
KC6-KU-102	2Amp
KC6-KU-103	3Amp
KC6-KU-104	4Amp
KC6-KU-106	6Amp
KC6-KU-110	10Amp
KC6-KU-116	16Amp
KC6-KU-120	20Amp
KC6-KU-125	25Amp
KC6-KU-132	32Amp
KC6-KU-140	40Amp
KC6-KU-150	50Amp
KC6-KU-163	63Amp
KC6-125-180	80Amp
KC6-125-1100	100Amp

DOUBLE POLE 6kA CIRCUIT BREAKERS



KC6-KU-201	1Amp
KC6-KU-202	2Amp
KC6-KU-203	3Amp
KC6-KU-204	4Amp
KC6-KU-206	6Amp
KC6-KU-210	10Amp
KC6-KU-216	16Amp
KC6-KU-220	20Amp
KC6-KU-225	25Amp
KC6-KU-232	32Amp
KC6-KU-240	40Amp
KC6-KU-250	50Amp
KC6-KU-263	63Amp
KC6-125-280	80Amp
KC6-125-2100	100Amp

TRIPLE POLE 6kA CIRCUIT BREAKERS



KC6-KU-301	1Amp
KC6-KU-302	2Amp
KC6-KU-303	3Amp
KC6-KU-304	4Amp
KC6-KU-306	6Amp
KC6-KU-310	10Amp
KC6-KU-316	16Amp
KC6-KU-320	20Amp
KC6-KU-325	25Amp
KC6-KU-332	32Amp
KC6-KU-340	40Amp
KC6-KU-350	50Amp
KC6-KU-363	63Amp
KC6-125-380	80Amp
KC6-125-3100	100Amp

FOUR POLE 6kA CIRCUIT BREAKERS



KC6-KU-401	1Amp
KC6-KU-402	2Amp
KC6-KU-403	3Amp
KC6-KU-404	4Amp
KC6-KU-406	6Amp
KC6-KU-410	10Amp
KC6-KU-416	16Amp
KC6-KU-420	20Amp
KC6-KU-425	25Amp
KC6-KU-432	32Amp
KC6-KU-440	40Amp
KC6-KU-450	50Amp
KC6-KU-463	63Amp
KC6-125-480	80Amp
KC6-125-4100	100Amp

- 1 Pole MCB's** - Carton = 120 units, Box = 12
- 2 Pole MCB's** - Carton = 60 units, Box = 6
- 3 Pole MCB's** - Carton = 40 units, Box = 4
- 4 Pole MCB's** - Carton = 30 units, Box = 3

- SABS in accordance to IEC 60947-2, VC8036
- Voltage rating 240/415V - 50/60Hz
- Suitable for domestic and industrial installations
- For protection and control of circuits against short circuits and overloads

SINGLE POLE 10kA CIRCUIT BREAKERS



KC10-P-101	1Amp
KC10-P-102	2Amp
KC10-P-103	3Amp
KC10-P-104	4Amp
KC10-P-106	6Amp
KC10-P-110	10Amp
KC10-P-116	16Amp
KC10-P-120	20Amp
KC10-P-125	25Amp
KC10-P-132	32Amp
KC10-P-140	40Amp
KC10-P-150	50Amp
KC10-P-163	63Amp
KC10-125-180	80Amp
KC10-125-1100	100Amp
KC10-125-1125	125Amp

DOUBLE POLE 10kA CIRCUIT BREAKERS



KC10-P-201	1Amp
KC10-P-202	2Amp
KC10-P-203	3Amp
KC10-P-204	4Amp
KC10-P-206	6Amp
KC10-P-210	10Amp
KC10-P-216	16Amp
KC10-P-220	20Amp
KC10-P-225	25Amp
KC10-P-232	32Amp
KC10-P-240	40Amp
KC10-P-250	50Amp
KC10-P-263	63Amp
KC10-125-280	80Amp
KC10-125-2100	100Amp
KC10-125-2125	125Amp

TRIPLE POLE 10kA CIRCUIT BREAKERS



KC10-P-301	1Amp
KC10-P-302	2Amp
KC10-P-303	3Amp
KC10-P-304	4Amp
KC10-P-306	6Amp
KC10-P-310	10Amp
KC10-P-316	16Amp
KC10-P-320	20Amp
KC10-P-325	25Amp
KC10-P-332	32Amp
KC10-P-340	40Amp
KC10-P-350	50Amp
KC10-P-363	63Amp
KC10-125-380	80Amp
KC10-125-3100	100Amp
KC10-125-3125	125Amp

FOUR POLE 10kA CIRCUIT BREAKERS



KC10-P-401	1Amp
KC10-P-402	2Amp
KC10-P-403	3Amp
KC10-P-404	4Amp
KC10-P-406	6Amp
KC10-P-410	10Amp
KC10-P-416	16Amp
KC10-P-420	20Amp
KC10-P-425	25Amp
KC10-P-432	32Amp
KC10-P-440	40Amp
KC10-P-450	50Amp
KC10-P-463	63Amp
KC10-125-480	80Amp
KC10-125-4100	100Amp
KC10-125-4125	125Amp

- 1 Pole MCB's** - Carton = 120 units, Box = 12
- 2 Pole MCB's** - Carton = 60 units, Box = 6
- 3 Pole MCB's** - Carton = 40 units, Box = 4
- 4 Pole MCB's** - Carton = 30 units, Box = 3

- SABS in accordance to IEC 60947-2, VC8036
- Voltage rating 240/415V - 50/60Hz
- Suitable for domestic and industrial installations
- For protection and control of circuits against short circuits and overloads

NEW!

AUXILIARY CONTACT

AX

Auxiliary contact



Function

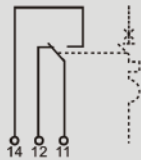
Indicates the contact position of the MCB, Whether it was tripped manually or by a fault.

Cat.nos.	Type	Description
319 01	AX	1NO / 1NC

Technical data

Type	AX	
Rated voltage	240 V AC	
Rated frequency	50/60 Hz	
Rated current	6 A	
Contact configuration	1NO / NC	
Utilization category	AC12	6A/240V AC , 3A /415V AC
	DC12	6A/24V DC , 2A /48V DC , 1A /130V DC
Rated insulation voltage	500 V AC	
Electrical endurance	6000	
Terminal capacity	max 2.5 mm ²	
Tightening torque	max 1.0 Nm	
Protection degree	IP20	
Dimensions (H x D x W)	81 x 70.4x 9 mm	
Net weight	34 g	
Compatible MCB	KC10-P	
Mounting position	Left or right side of MCB	
Standard conformity	IEC/EN 60947-5-4	

Circuit diagram



NEW!

ALARM CONTACT

AL

Alarm contact



Function

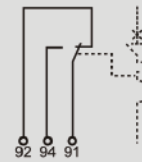
Indicates tripping of the MCB when caused by a fault, Do not use for manual operation. The signal can be activated by the test button.

Cat.nos.	Type	Description
319 05	AL	1NO / 1NC

Technical data

Type	AL	
Rated voltage	240 V AC	
Rated frequency	50/60 Hz	
Rated current	6 A	
Contact configuration	1NO / NC	
Utilization category	AC12	6A/240V AC , 3A /415V AC
	DC12	6A/24V DC , 2A /48V DC , 1A /130V DC
Rated insulation voltage	500 V AC	
Electrical endurance	6000	
Terminal capacity	max 2.5 mm ²	
Tightening torque	max 1.0 Nm	
Protection degree	IP20	
Dimensions (H x D x W)	81 x 70.4x 9 mm	
Net weight	34 g	
Compatible MCB	KC10-P	
Mounting position	Left or right side of MCB	
Standard conformity	IEC/EN 60947-5-4	

Circuit diagram



NEW!

SHUNT TRIP

ST

Shunt trip



Function

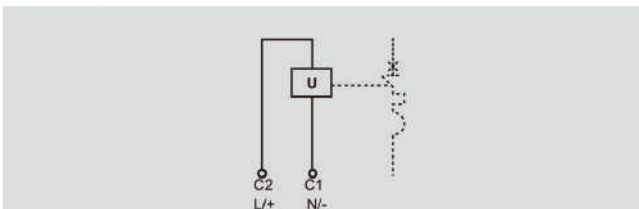
Remote tripping of MCB.

Cat.nos.	Type	Description
319 11	ST230	110V~400V AC / 110~130V DC
319 12	ST24	24V~60V DC

Technical data

Type	ST
Rated voltage (Ue)	110V~400V AC / 110~130V DC / 24V~60V DC
Frequency	50/60 Hz
Operational voltage range	70%~110% of Ue
Coil resistance	120 Ω
Terminal capacity	max 6 mm ²
Tightening torque	0.8 N • m
Dimensions (H x D x W)	81 x 70.4 x 17.8 mm
Net weight	61 g
Electrical endurance	4000
Wiring connection type	Bottom
Compatible MCB	KC10-P
Mounting position	Left or right side of MCB
Standard conformity	IEC/EN 60947-1

Circuit diagram



NEW!

SHUNT TRIP WITH AUXILIARY CONTACT

STX

Shunt trip with auxiliary contact



Function

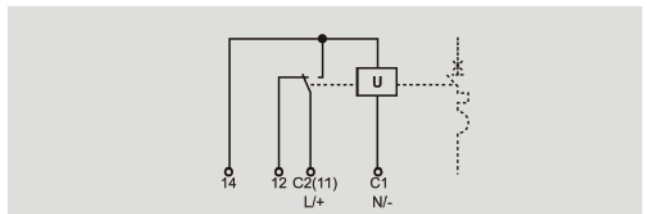
Remote tripping of the MCB, With an indication of the contact position.

Cat.nos.	Type	Description
319 15	STX230	110V~400V AC / 110~130V DC
319 16	STX24	24V~60V DC

Technical data

Type	STX
Rated voltage (Ue)	110V~400V AC / 110~130V DC / 24V~60V DC
Frequency	50/60 Hz
Rated current	6 A
Contact configuration	1NO / NC
Operational voltage range	70%~110% of Ue
Coil resistance	120 Ω
Terminal capacity	max 6 mm ²
Tightening torque	0.8 N • m
Dimensions (H x D x W)	81 x 70.4 x 17.8 mm
Net weight	69 g
Electrical endurance	4000
Wiring connection type	Bottom
Compatible MCB	KC10-P
Mounting position	Left or right side of MCB
Standard conformity	IEC/EN 60947-1, IEC/EN 60947-5-4

Circuit diagram



NEW!

OVERVOLTAGE RELEASE

OVR

Overtoltage release



Function

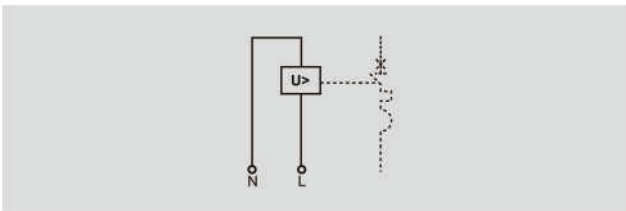
Trips the MCB when overvoltage threshold value is achieved. (see below)

Cat.nos.	Type	Description
319 21	OVR	230V AC , Single Phase

Technical data

Type	OVR
Rated voltage	230V AC
Frequency	50/60 Hz
Duration of impulse command	max 10ms
Overtoltage tripping threshold	280V ± 5%
Dimensions (H x D x W)	81 x 70.4x 17.8 mm
Net weight	58 g
Electrical endurance	4000
Wiring connection type	Bottom
Compatible MCB	KC10-P
Mounting position	Left or right side of MCB
Standard conformity	EN 50550

Circuit diagram



NEW!

UNDER VOLTAGE RELEASE

UVR

Undervoltage release



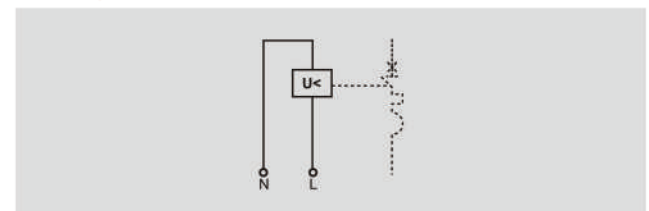
Function

Trips the MCB when under voltage threshold value is achieved. (see below)

Cat.nos.	Type	Description
319 25	UVR	230V AC , Single Phase

Type	UVR
Rated voltage	230V AC
Frequency	50/60 Hz
Duration of impulse command	max 10ms
Undervoltage tripping threshold	170V ± 5%
Dimensions (H x D x W)	81 x 70.4x 17.8 mm
Net weight	58 g
Electrical endurance	4000
Wiring connection type	Bottom
Compatible MCB	KC10-P
Mounting position	Left or right side of MCB
Standard conformity	EN 50550

Circuit diagram



NEW!

UNDERVOLTAGE & OVERVOLTAGE RELEASE

DVR1

Undervoltage and overvoltage release (**Single Phase**)



Function

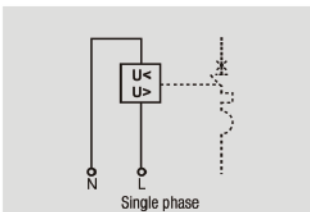
Trips the MCB in the case of either undervoltage or overvoltage threshold value being achieved.

Cat.nos.	Type	Description
319 31	DVR1	230V AC , Single Phase

Technical data

Type	DVR	
	Single phase	Three phase
Phase	Single phase	Three phase
Rated voltage	230V AC	380V AC
Frequency	50/60 Hz	
Duration of impulse command	max 10ms	
Undervoltage tripping threshold	170V ± 5%	300V ± 5%
Overvoltage tripping threshold	280V ± 5%	460V ± 5%
Dimensions (H x D x W)	81 x 70.4x 17.8 mm	
Net weight	58 g	
Electrical endurance	4000	
Wiring connection type	Bottom	
Compatible MCB	KC10-P	
Mounting position	Left or right side of MCB	
Standard conformity	IEC/EN 60947-1 , EN 50550	

Circuit diagram



NEW!

UNDERVOLTAGE & OVERVOLTAGE RELEASE

DVR3

Undervoltage and overvoltage release (**Three Phase**)



Function

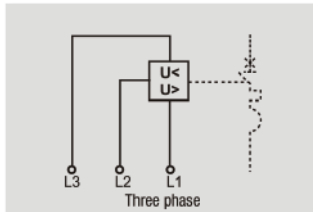
Trips the MCB in the case of either undervoltage or overvoltage threshold value being achieved.

Cat.nos.	Type	Description
319 32	DVR3	230V AC , Three Phase

Technical data

Type	DVR	
	Single phase	Three phase
Phase	Single phase	Three phase
Rated voltage	230V AC	380V AC
Frequency	50/60 Hz	
Duration of impulse command	max 10ms	
Undervoltage tripping threshold	170V ± 5%	300V ± 5%
Overvoltage tripping threshold	280V ± 5%	460V ± 5%
Dimensions (H x D x W)	81 x 70.4x 17.8 mm	
Net weight	58 g	
Electrical endurance	4000	
Wiring connection type	Bottom	
Compatible MCB	KC10-P	
Mounting position	Left or right side of MCB	
Standard conformity	IEC/EN 60947-1 , EN 50550	

Circuit diagram





DC SINGLE POLE 6kA CIRCUIT BREAKERS

KC6-LD-106	6A	1P	6KA	125/250VDC MCB
KC6-LD-110	10A	1P	6KA	125/250VDC MCB
KC6-LD-116	16A	1P	6KA	125/250VDC MCB
KC6-LD-120	20A	1P	6KA	125/250VDC MCB
KC6-LD-132	32A	1P	6KA	125/250VDC MCB
KC6-LD-163	63A	1P	6KA	125/250VDC MCB



DC DOUBLE POLE 6kA CIRCUIT BREAKERS

KC6-LD-206	6A	2P	6KA	250/500VDC MCB
KC6-LD-210	10A	2P	6KA	250/500VDC MCB
KC6-LD-216	16A	2P	6KA	250/500VDC MCB
KC6-LD-220	20A	2P	6KA	250/500VDC MCB
KC6-LD-232	32A	2P	6KA	250/500VDC MCB
KC6-LD-263	63A	2P	6KA	250/500VDC MCB



DC TRIPLE POLE 6kA CIRCUIT BREAKERS

KC6-LD-306	6A	3P	6KA	660/750VDC MCB
KC6-LD-310	10A	3P	6KA	660/750VDC MCB
KC6-LD-316	16A	3P	6KA	660/750VDC MCB
KC6-LD-320	20A	3P	6KA	660/750VDC MCB
KC6-LD-332	32A	3P	6KA	660/750VDC MCB
KC6-LD-363	63A	3P	6KA	660/750VDC MCB



DC FOUR POLE 6kA CIRCUIT BREAKERS

KC6-LD-406	6A	4P	6KA	880/1000VDC MCB
KC6-LD-410	10A	4P	6KA	880/1000VDC MCB
KC6-LD-416	16A	4P	6KA	880/1000VDC MCB
KC6-LD-420	20A	4P	6KA	880/1000VDC MCB
KC6-LD-432	32A	4P	6KA	880/1000VDC MCB
KC6-LD-463	63A	4P	6KA	880/1000VDC MCB

- SABS in accordance to IEC 60947-2, VC8036
- Voltage rating 240/415V - 50/60Hz
- Suitable for domestic and industrial installations
- For protection and control of circuits against short circuits and overloads

- SABS in accordance to IEC 60947-2; VC8036
- Voltage Rating 240/415VAC - 50/60Hz
- Suitable for domestic and commercial installations
- For protection and control of circuits against short circuits and overloads



13 mm SINGLE POLE 3kA CIRCUIT BREAKERS

SM13C3-101	1P	1 Amp	3kA
SM13C3-102	1P	2 Amp	3kA
SM13C3-103	1P	3 Amp	3kA
SM13C3-104	1P	4 Amp	3kA
SM13C3-106	1P	6 Amp	3kA
SM13C3-110	1P	10 Amp	3kA
SM13C3-116	1P	16 Amp	3kA
SM13C3-120	1P	20 Amp	3kA
SM13C3-125	1P	25 Amp	3kA
SM13C3-132	1P	32 Amp	3kA
SM13C3-140	1P	40 Amp	3kA
SM13C3-150	1P	50 Amp	3kA
SM13C3-163	1P	63 Amp	3kA



13 mm SINGLE POLE & NEUTRAL 3kA CIRCUIT BREAKERS

SMN13C3-106	1P+N	6 Amp	3kA
SMN13C3-110	1P+N	10 Amp	3kA
SMN13C3-116	1P+N	16 Amp	3kA
SMN13C3-120	1P+N	20 Amp	3kA
SMN13C3-125	1P+N	25 Amp	3kA
SMN13C3-132	1P+N	32 Amp	3kA



13 mm DOUBLE POLE 3kA CIRCUIT BREAKERS

SM13C3-201	2P	1 Amp	3kA
SM13C3-202	2P	2 Amp	3kA
SM13C3-203	2P	3 Amp	3kA
SM13C3-204	2P	4 Amp	3kA
SM13C3-206	2P	6 Amp	3kA
SM13C3-210	2P	10 Amp	3kA
SM13C3-216	2P	16 Amp	3kA
SM13C3-220	2P	20 Amp	3kA
SM13C3-225	2P	25 Amp	3kA
SM13C3-232	2P	32 Amp	3kA
SM13C3-240	2P	40 Amp	3kA
SM13C3-250	2P	50 Amp	3kA
SM13C3-263	2P	63 Amp	3kA



13 mm TRIPLE POLE 3kA CIRCUIT BREAKERS

SM13C3-301	3P	1 Amp	3kA
SM13C3-302	3P	2 Amp	3kA
SM13C3-303	3P	3 Amp	3kA
SM13C3-304	3P	4 Amp	3kA
SM13C3-306	3P	6 Amp	3kA
SM13C3-310	3P	10 Amp	3kA
SM13C3-316	3P	16 Amp	3kA
SM13C3-320	3P	20 Amp	3kA
SM13C3-325	3P	25 Amp	3kA
SM13C3-332	3P	32 Amp	3kA
SM13C3-340	3P	40 Amp	3kA
SM13C3-350	3P	50 Amp	3kA
SM13C3-363	3P	63 Amp	3kA

- SABS in accordance to IEC 60947-2; VC8036
- Voltage Rating 240/415VAC - 50/60Hz
- Suitable for domestic and commercial installations
- For protection and control of circuits against short circuits and overloads.

13 mm SINGLE POLE 6kA CIRCUIT BREAKERS



SM13C6-101	1P	1 Amp	6kA
SM13C6-102	1P	2 Amp	6kA
SM13C6-103	1P	3 Amp	6kA
SM13C6-104	1P	4 Amp	6kA
SM13C6-106	1P	6 Amp	6kA
SM13C6-110	1P	10 Amp	6kA
SM13C6-116	1P	16 Amp	6kA
SM13C6-120	1P	20 Amp	6kA
SM13C6-125	1P	25 Amp	6kA
SM13C6-132	1P	32 Amp	6kA
SM13C6-140	1P	40 Amp	6kA
SM13C6-150	1P	50 Amp	6kA
SM13C6-163	1P	63 Amp	6kA

13 mm DOUBLE POLE 6kA CIRCUIT BREAKERS



SM13C6-201	2P	1 Amp	6kA
SM13C6-202	2P	2 Amp	6kA
SM13C6-203	2P	3 Amp	6kA
SM13C6-204	2P	4 Amp	6kA
SM13C6-206	2P	6 Amp	6kA
SM13C6-210	2P	10 Amp	6kA
SM13C6-216	2P	16 Amp	6kA
SM13C6-220	2P	20 Amp	6kA
SM13C6-225	2P	25 Amp	6kA
SM13C6-232	2P	32 Amp	6kA
SM13C6-240	2P	40 Amp	6kA
SM13C6-250	2P	50 Amp	6kA
SM13C6-263	2P	63 Amp	6kA

13 mm TRIPLE POLE 6kA CIRCUIT BREAKERS



SM13C6-301	3P	1 Amp	6kA
SM13C6-302	3P	2 Amp	6kA
SM13C6-303	3P	3 Amp	6kA
SM13C6-304	3P	4 Amp	6kA
SM13C6-306	3P	6 Amp	6kA
SM13C6-310	3P	10 Amp	6kA
SM13C6-316	3P	16 Amp	6kA
SM13C6-320	3P	20 Amp	6kA
SM13C6-325	3P	25 Amp	6kA
SM13C6-332	3P	32 Amp	6kA
SM13C6-340	3P	40 Amp	6kA
SM13C6-350	3P	50 Amp	6kA
SM13C6-363	3P	63 Amp	6kA

- SABS in accordance to IEC 60947-2; VC8036
- Voltage Rating 240/415VAC - 50/60Hz
- Suitable for domestic and commercial installations
- For protection and control of circuits against short circuits and overloads



SINGLE POLE D CURVE CIRCUIT BREAKERS

SM13C6-106-D	6A	1P	6kA	D CURVE MCB
SM13C6-110-D	10A	1P	6kA	D CURVE MCB
SM13C6-116-D	16A	1P	6kA	D CURVE MCB
SM13C6-120-D	20A	1P	6kA	D CURVE MCB
SM13C6-125-D	25A	1P	6kA	D CURVE MCB
SM13C6-132-D	32A	1P	6kA	D CURVE MCB
SM13C6-140-D	40A	1P	6kA	D CURVE MCB
SM13C6-150-D	50A	1P	6kA	D CURVE MCB
SM13C6-163-D	63A	1P	6kA	D CURVE MCB



DOUBLE POLE D CURVE CIRCUIT BREAKERS

SM13C6-206-D	6A	2P	6kA	D CURVE MCB
SM13C6-210-D	10A	2P	6kA	D CURVE MCB
SM13C6-216-D	16A	2P	6kA	D CURVE MCB
SM13C6-220-D	20A	2P	6kA	D CURVE MCB
SM13C6-225-D	25A	2P	6kA	D CURVE MCB
SM13C6-232-D	32A	2P	6kA	D CURVE MCB
SM13C6-240-D	40A	2P	6kA	D CURVE MCB
SM13C6-250-D	50A	2P	6kA	D CURVE MCB
SM13C6-263-D	63A	2P	6kA	D CURVE MCB



TRIPLE POLE D CURVE CIRCUIT BREAKERS

SM13C6-306-D	6A	3P	6kA	D CURVE MCB
SM13C6-310-D	10A	3P	6kA	D CURVE MCB
SM13C6-316-D	16A	3P	6kA	D CURVE MCB
SM13C6-320-D	20A	3P	6kA	D CURVE MCB
SM13C6-325-D	25A	3P	6kA	D CURVE MCB
SM13C6-332-D	32A	3P	6kA	D CURVE MCB
SM13C6-340-D	40A	3P	6kA	D CURVE MCB
SM13C6-350-D	50A	3P	6kA	D CURVE MCB
SM13C6-363-D	63A	3P	6kA	D CURVE MCB

- SABS in accordance to IEC 60947-2; VC8036
- Voltage Rating 240/415VAC - 50/60Hz
- Suitable for domestic and commercial installations
- For protection and control of circuits against short circuits and overloads



SINGLE POLE D CURVE CIRCUIT BREAKERS

SM10-125-180-D	80A	1P	10kA	D CURVE MCB
SM10-125-1100-D	100A	1P	10kA	D CURVE MCB
SM10-125-1125-D	125A	1P	10kA	D CURVE MCB



DOUBLE POLE D CURVE CIRCUIT BREAKERS

SM10-125-280-D	80A	2P	10kA	D CURVE MCB
SM10-125-2100-D	100A	2P	10kA	D CURVE MCB
SM10-125-2125-D	125A	2P	10kA	D CURVE MCB



TRIPLE POLE D CURVE CIRCUIT BREAKERS

SM10-125-380-D	80A	3P	10kA	D CURVE MCB
SM10-125-3100-D	100A	3P	10kA	D CURVE MCB
SM10-125-3125-D	125A	3P	10kA	D CURVE MCB



FOUR POLE D CURVE CIRCUIT BREAKERS

SM10-125-480-D	80A	4P	10kA	D CURVE MCB
SM10-125-4100-D	100A	4P	10kA	D CURVE MCB
SM10-125-4125-D	125A	4P	10kA	D CURVE MCB



1P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-225
25A; 30mA; 2 pole
Earth leakage device



1P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-240
40A; 30mA; 2 pole
Earth leakage device



1P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-263
63A; 30mA; 2 pole
Earth leakage device



1P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-280
80A; 30mA; 2 pole
Earth leakage device



3P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-425
25A; 30mA; 4 pole;
Earth leakage device



3P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-440
40A; 30mA; 4 pole
Earth leakage device



3P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-463
63A; 30mA; 4 pole
Earth leakage device



3P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)

KRC3-480
80A; 30mA; 4 pole
Earth leakage device

2 Pole ELU - Carton = 60 units, Box = 6
4 Pole ELU - Carton = 30 units, Box = 1



kWh METERS - DIGITAL

DEM-015SJ
1 Phase 230VAC 50Hz digital DIN RAIL
10 (63) A, Din Rail
35 x 90 x 65



MECHANICAL BI-METAL THERMOSTATS

JWT6011R
1N/C (Red Dial); 60 x 33 x 43mm; IP20
Din Rail; 10A - 250VAC



DTS - 16C20A 7 Day Digital Electronic Time
Switch - DIN RAIL

DTS-16C20A

- Min switching time: 1 min.
- Power Reserve: 150 hours.
- Amperage: 20A@230VAC (Resistive).
- Switching Contacts: 1 changeover.
- 1 channel with 16 ON and 16 OFF operations
- DIN Mount • 18 Pulse and Countdown Functions
- Status Indication: LED • LCD Display



MECHANICAL BI-METAL THERMOSTATS

JWT6011F
1N/O (Blue Dial); 60 x 33 x 43mm; IP20
Din Rail; 10A - 250VAC



MECHANICAL BI-METAL THERMOSTATS

JWT6012
1NO + 1 NC (Blue+Red Dial);
60 x 33 x 43mm; IP20
Din Rail; 10A - 250VAC



kWh METERS - COUNTER TYPE

KM4S100C
1 Phase 230V - 50Hz counter type
10 (100) A, Din Rail



kWh METERS - COUNTER TYPE

KM7T100C
3 Phase 230/400V - 50Hz counter type
10 (100) A, Din Rail



BELL TRANSFORMER

BT16
230V to 8/12/24V. 8VA - 2 Module



BELL

KB16
230V - 1 Module



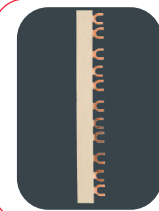
BUZZER

KBZ16
230V - 1 Module



INSULATED BUSBAR (PIN TYPE)

BP063/1
63A 1 Phase Insulated Busbar
BP063/3
63A 3 Phase Insulated Busbar



INSULATED BUSBAR (FORK TYPE)

BF063/1
63A 1 Phase Insulated Busbar
BF063/3
63A 3 Phase Insulated Busbar



PUSHBUTTONS DIN RAIL MOUNT

- KC-PB-RL** ● RED Latching Pushbutton Din
- KC-PB-G** ● Green Non-Latching Pushbutton Din
- KC-PB-R** ● Red Non-Latching Pushbutton Din

NEW!



LED INDICATOR - DIN RAIL (NEW SLIM DESIGN) 9MM WIDE

- KCI-1L-G** ● Green LED 230V
- KCI-1L-R** ● Red LED 230V
- KCI-1L-Y** ● Yellow LED 230V
- KCI-1L-B** ● Blue LED 230V
- KCI-1L-W** ○ White LED 230V
- KCI-3L-RWB** ● ○ ● Red, White & Blue LED 230V

- SABS in accordance to SABS 767-1; VC8035
- Voltage Rating 240VAC - 50Hz

1P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)



CODE	RATING(A)	SENSITIVITY(mA)	POLES	DESCRIPTION
SMR6-225	25A	30mA	2 pole	Earth Leakage device
SMR6-240	40A	30mA	2 pole	Earth Leakage device
SMR6-263	63A	30mA	2 pole	Earth Leakage device
SMR6-280	80A	30mA	2 pole	Earth Leakage device

3P + NEUTRAL EARTH LEAKAGE - (NO OVERLOAD)



CODE	RATING(A)	SENSITIVITY(mA)	POLES	DESCRIPTION
SMR6-425	25A	30mA	4 pole	Earth Leakage device
SMR6-440	40A	30mA	4 pole	Earth Leakage device
SMR6-463	63A	30mA	4 pole	Earth Leakage device
SMR6-480	80A	30mA	4 pole	Earth Leakage device

- SABS in accordance to IEC 60730-1; IEC 60730-2-7
- Voltage Rating 220/240VAC - 50/60Hz

20A GEYSER TIME SWITCH (MINI RAIL MOUNT)



GTS-16C20A-MR

Program: 7 day digital time Switch. Power Reserve: 150 hours

Min. switching Time: **1 Minute**. Switching Contacts: 1 NO

Amperage: 20A @ 250V (Resistive). Mini Rail

1 Channel with 16 On and 16 Off operations. 18 Pulse and Countdown functions

LCD Display

**Suitable for schools/factories using pulse setting program. Minimum 1 sec.*

- SABS in accordance to IEC 60947-2
- Voltage rating 240/415V - 50/60Hz
- Suitable for domestic, commercial and industrial installations.

1 POLE ISOLATORS



KCM-N-132	32 Amp
KCM-N-163	63 Amp
KCM-N-180	80 Amp
KCM-N-1100	100 Amp
KCM-N-1125	125 Amp

2 POLE ISOLATORS



KCM-N-232	32 Amp
KCM-N-263	63 Amp
KCM-N-280	80 Amp
KCM-N-2100	100 Amp
KCM-N-2125	125 Amp

3 POLE ISOLATORS



KCM-N-332	32 Amp
KCM-N-363	63 Amp
KCM-N-380	80 Amp
KCM-N-3100	100 Amp
KCM-N-3125	125 Amp

4 POLE ISOLATORS



KCM-N-432	32 Amp
KCM-N-463	63 Amp
KCM-N-480	80 Amp
KCM-N-4100	100 Amp
KCM-N-4125	125 Amp

2 POLE ISOLATOR



KCM-T-232-SB	32 Amp 2 Pole
Single body Isolator Switch	

3 POLE ISOLATOR



KCM-T-332-SB	32 Amp 3 Pole
Single body Isolator Switch	

- 1 Pole ISOLATORS** - Carton = 120 units, Box = 12
- 2 Pole ISOLATORS** - Carton = 60 units, Box = 6
- 3 Pole ISOLATORS** - Carton = 40 units, Box = 4
- 4 Pole ISOLATORS** - Carton = 30 units, Box = 3

CIRCUIT BREAKER LATCH



KCM-PD	To fit all Onesto MCB's, & isolators
Lock not supplied	

- SABS in accordance to VC8035/SABS 767-1
- Voltage rating: 240/415V - 50Hz
- Suitable for domestic, commercial & industrial installations.



13mm 2 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI13-232	32Amp	2 pole	Isolator Switch
SMI13-263	63Amp	2 pole	Isolator Switch

13mm 3 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI13-332	32Amp	3 pole	Isolator Switch
SMI13-363	63Amp	3 pole	Isolator Switch
SMI13-380	80Amp	3 pole	Isolator Switch
SMI13-3100	100Amp	3 pole	Isolator Switch
SMI13-3125	125Amp	3 pole	Isolator Switch

13mm 4 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI13-463	63Amp	4 pole	Isolator Switch



19mm 1 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI-132	32Amp	1 pole	Isolator Switch
SMI-163	63Amp	1 pole	Isolator Switch

19mm 2 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI-232	32Amp	2 pole	Isolator Switch
SMI-263	63Amp	2 pole	Isolator Switch
SMI-280	80Amp	2 pole	Isolator Switch
SMI-2100	100Amp	2 pole	Isolator Switch
SMI-2125	125Amp	2 pole	Isolator Switch

19mm 3 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI-332	32Amp	3 pole	Isolator Switch

19mm 4 POLE ISOLATORS

CODE	CURRENT RATING	POLES	DESCRIPTION
SMI-432	32Amp	4 pole	Isolator Switch
SMI-463	63Amp	4 pole	Isolator Switch
SMI-480	80Amp	4 pole	Isolator Switch
SMI-4100	100Amp	4 pole	Isolator Switch
SMI-4125	125Amp	4 pole	Isolator Switch

- 1 Pole Isolators** - Carton = 120 units, Box = 12
2 Pole Isolators - Carton = 60 units, Box = 6
3 Pole Isolators - Carton = 40 units, Box = 4
4 Pole Isolators - Carton = 30 units, Box = 3

SURGE ARRESTORS

• SABS in accordance to IEC 61643-11



SURGE ARRESTORS CARTRIDGE TYPE

BY1-D

1 Pole surge Arrester with indication window

5kA/10kA



SURGE ARRESTORS CARTRIDGE TYPE

BY1-C

1 Pole surge Arrester with indication window

20kA/40kA



SURGE ARRESTORS CARTRIDGE TYPE

BY1-B

1 Pole surge Arrester with indication window

40kA/80kA



SURGE ARRESTORS REPLACEMENT CARTRIDGE

BY1-D-C

5 kA/10kA Replacement cartridge



1 POLE SURGE ARRESTORS



BY7-10/1-275	1 Pole Surge Arrester	UC(V): 275	10kA
BY7-10/1-385	1 Pole Surge Arrester	UC(V): 385	10kA
BY7-40/1-275	1 Pole Surge Arrester	UC(V): 275	40kA
BY7-40/1-385	1 Pole Surge Arrester	UC(V): 385	40kA

2 POLE SURGE ARRESTORS



BY7-10/2-275	2 Pole Surge Arrester	UC(V):275	10kA
BY7-10/2-385	2 Pole Surge Arrester	UC(V):385	10kA
BY7-20/2-275T	2 Pole Surge Arrester	UC(V):275	20kA
BY7-20/2-385T	2 Pole Surge Arrester	UC(V):385	20kA
BY7-40/2-275	2 Pole Surge Arrester	UC(V):275	40kA
BY7-40/2-385	2 Pole Surge Arrester	UC(V):385	40kA
BY7-60/2-385T	2 Pole Surge Arrester	UC(V):385	60kA
BY7-80/2-385T	2 Pole Surge Arrester	UC(V):385	80kA
BY7-100/2-385T	2 Pole Surge Arrester	UC(V):385	100kA

3 POLE SURGE ARRESTORS



BY7-10/3-275	3 Pole Surge Arrester	UC(V):275	10kA
BY7-10/3-385	3 Pole Surge Arrester	UC(V):385	10kA
BY7-20/3-275T	3 Pole Surge Arrester	UC(V):275	20kA
BY7-20/3-385T	3 Pole Surge Arrester	UC(V):385	20kA
BY7-40/3-275	3 Pole Surge Arrester	UC(V):275	40kA
BY7-40/3-385	3 Pole Surge Arrester	UC(V):385	40kA
BY7-60/3-385T	3 Pole Surge Arrester	UC(V):385	60kA
BY7-80/3-385T	3 Pole Surge Arrester	UC(V):385	80kA
BY7-100/3-385T	3 Pole Surge Arrester	UC(V):385	100kA

4 POLE SURGE ARRESTORS



BY7-10/4-275	4 Pole Surge Arrester	UC(V):275	10kA
BY7-10/4-385	4 Pole Surge Arrester	UC(V):385	10kA
BY7-20/4-275T	4 Pole Surge Arrester	UC(V):275	20kA
BY7-20/4-385T	4 Pole Surge Arrester	UC(V):385	20kA
BY7-40/4-275	4 Pole Surge Arrester	UC(V):275	40kA
BY7-40/4-385	4 Pole Surge Arrester	UC(V):385	40kA
BY7-60/4-385T	4 Pole Surge Arrester	UC(V):385	60kA
BY7-80/4-385T	4 Pole Surge Arrester	UC(V):385	80kA
BY7-100/4-385T	4 Pole Surge Arrester	UC(V):385	100kA

- UC - Control Voltage - 230V
- UE - Voltage Rating - 250V
- UI - Rated Insulation Voltage - 500V
- UIMP - Rated Impulse Withstand Voltage - 4kV
- Conforms To : IEC60947-5-1

NEW!



18MM MODULAR CONTACTORS - 1 NO AUXILIARY - 1 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
12905	16A	6A	1 NO	230V
12911	20A	7A	1 NO	230V
12917	25A	9A	1 NO	230V

18MM MODULAR CONTACTORS - 2 NO AUXILIARY - 2 POLE

12927	16A	6A	2 NO	230V
12936	20A	7A	2 NO	230V
12945	25A	9A	2 NO	230V

18MM MODULAR CONTACTORS - 1 NO + 1 NC AUXILIARY - 2 POLE

12928	16A	6A	1 NO + 1 NC	230V
12937	20A	7A	1 NO + 1 NC	230V
12946	25A	9A	1 NO + 1 NC	230V

NEW!



36MM MODULAR CONTACTORS - 3 NO AUXILIARY - 3 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
22905	16A	6A	3 NO	230V
22911	20A	7A	3 NO	230V
22917	25A	9A	3 NO	230V

36MM MODULAR CONTACTORS - 2 NO + 1 NC AUXILIARY - 3 POLE

22993	16A	6A	2 NO + 1 NC	230V
22996	20A	7A	2 NO + 1 NC	230V
22999	25A	9A	2 NO + 1 NC	230V

36MM MODULAR CONTACTORS - 4 NO AUXILIARY - 4 POLE

22929	16A	6A	4 NO	230V
22941	20A	7A	4 NO	230V
22953	25A	9A	4 NO	230V

36MM MODULAR CONTACTORS - 2 NO + 2 NC AUXILIARY - 4 POLE

22931	16A	6A	2 NO + 2 NC	230V
22943	20A	7A	2 NO + 2 NC	230V
22955	25A	9A	2 NO + 2 NC	230V

36MM MODULAR CONTACTORS - 3 NO + 1 NC AUXILIARY - 4 POLE

22932	16A	6A	3 NO + 1 NC	230V
22944	20A	7A	3 NO + 1 NC	230V
22956	25A	9A	3 NO + 1 NC	230V

These utilization categories determine what load the contactors are switching:
 AC-7a are for slightly inductive loads for household appliances for example mixers and blenders
 AC-7b are for motor-loads for house hold appliances such as fans and central vacuums

- UC - Control Voltage - 230V
- UE - Voltage Rating - 250V
- UI - Rated Insulation Voltage - 500V
- UIMP - Rated Impulse Withstand Voltage - 4kV
- Conforms To : IEC60947-5-1

NEW!



54MM MODULAR CONTACTORS - 4 NO AUXILIARY - 4 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
32929	32A	12A	4 NO	230V
32941	40A	18A	4 NO	230V
32953	63A	25A	4 NO	230V

54MM MODULAR CONTACTORS - 2 NO + 2 NO AUXILIARY - 4 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
32931	32A	12A	2 NO + 2 NC	230V
32943	40A	18A	2 NO + 2 NC	230V
32955	63A	25A	2 NO + 2 NC	230V

54MM MODULAR CONTACTORS - 3 NO + 1 NC AUXILIARY - 4 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
32932	32A	12A	3 NO + 1 NC	230V
32944	40A	18A	3 NO + 1 NC	230V
32956	63A	25A	3 NO + 1 NC	230V

NEW!



18MM MANUAL OVERRIDE CONTACTORS - 2 NO AUXILIARY - 2 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
42927	16A	6A	2 NO	230V
42945	25A	9A	2 NO	230V

36MM MANUAL OVERRIDE CONTACTORS - 2 NO AUXILIARY - 2 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
52967	32A	12A	2 NO	230V
52985	63A	25A	2 NO	230V

36MM MANUAL OVERRIDE CONTACTORS - 4 NO AUXILIARY - 4 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
52933	20A	7A	4 NO	230V
52953	25A	9A	4 NO	230V

54MM MANUAL OVERRIDE CONTACTORS - 4 NO AUXILIARY - 4 POLE

Part Number	Current Rating		Auxiliary Contact	Operating Coil Voltage
	AC-7a	AC-7b		
62941	40A	18A	4 NO	230V
62953	63A	25A	4 NO	230V

NEW!



AUXILIARY FOR MODULAR CONTACTORS

Part Number	Current Rating	Auxiliary Contact	Operating Coil Voltage
MCTS	AC12 - 5A	1 NO + 1 NC	230V

These utilization categories determine what load the contactors are switching:
 AC-7a are for slightly inductive loads for household appliances for example mixers and blenders
 AC-7b are for motor-loads for house hold appliances such as fans and central vacuums

- Conforms To : IEC60669-2-2
- Auto Off Switch For Test Purposes



1 MODULE STEP RELAY - 1 NO + 1 NC AUXILIARY

Part Number	Current Rating Amps	Voltage		Auxiliary Contact
		VAC	VDC	
27046	16A	12	6	1 NO + 1 NC
27047	16A	24	12	1 NO + 1 NC
27048	16A	48	24	1 NO + 1 NC
27049	16A	130	48	1 NO + 1 NC
27050	16A	230	110	1 NO + 1 NC



1 MODULE STEP RELAY - 2 NO AUXILIARY

Part Number	Current Rating Amps	Voltage		Auxiliary Contact
		VAC	VDC	
27051	16A	12	6	2 NO
27052	16A	24	12	2 NO
27053	16A	48	24	2 NO
27054	16A	130	48	2 NO
27055	16A	230	110	2 NO



1 MODULE STEP RELAY - 1 CHANGE OVER CONTACT

Part Number	Current Rating Amps	Voltage		Change Over Contacts
		VAC	VDC	
27056	16A	12	6	1 CO
27057	16A	24	12	1 CO
27058	16A	48	24	1 CO
27059	16A	130	48	1 CO
27060	16A	230	110	1 CO



2 MODULE STEP RELAY - 2 NO + 1 NC AUXILIARY

Part Number	Current Rating Amps	Voltage		Auxiliary Contact
		VAC	VDC	
27066	16A	12	6	2 NO + 1 NC
27067	16A	24	12	2 NO + 1 NC
27068	16A	48	24	2 NO + 1 NC
27069	16A	130	48	2 NO + 1 NC
27070	16A	230	110	2 NO + 1 NC



2 MODULE STEP RELAY - 3 NO + 1 NC AUXILIARY

Part Number	Current Rating Amps	Voltage		Auxiliary Contact
		VAC	VDC	
27076	16A	12	6	3 NO + 1 NC
27077	16A	24	12	3 NO + 1 NC
27078	16A	48	24	3 NO + 1 NC
27079	16A	130	48	3 NO + 1 NC
27080	16A	230	110	3 NO + 1 NC

- Conforms To : IEC60669-2-2
- Auto Off Switch For Test Purposes



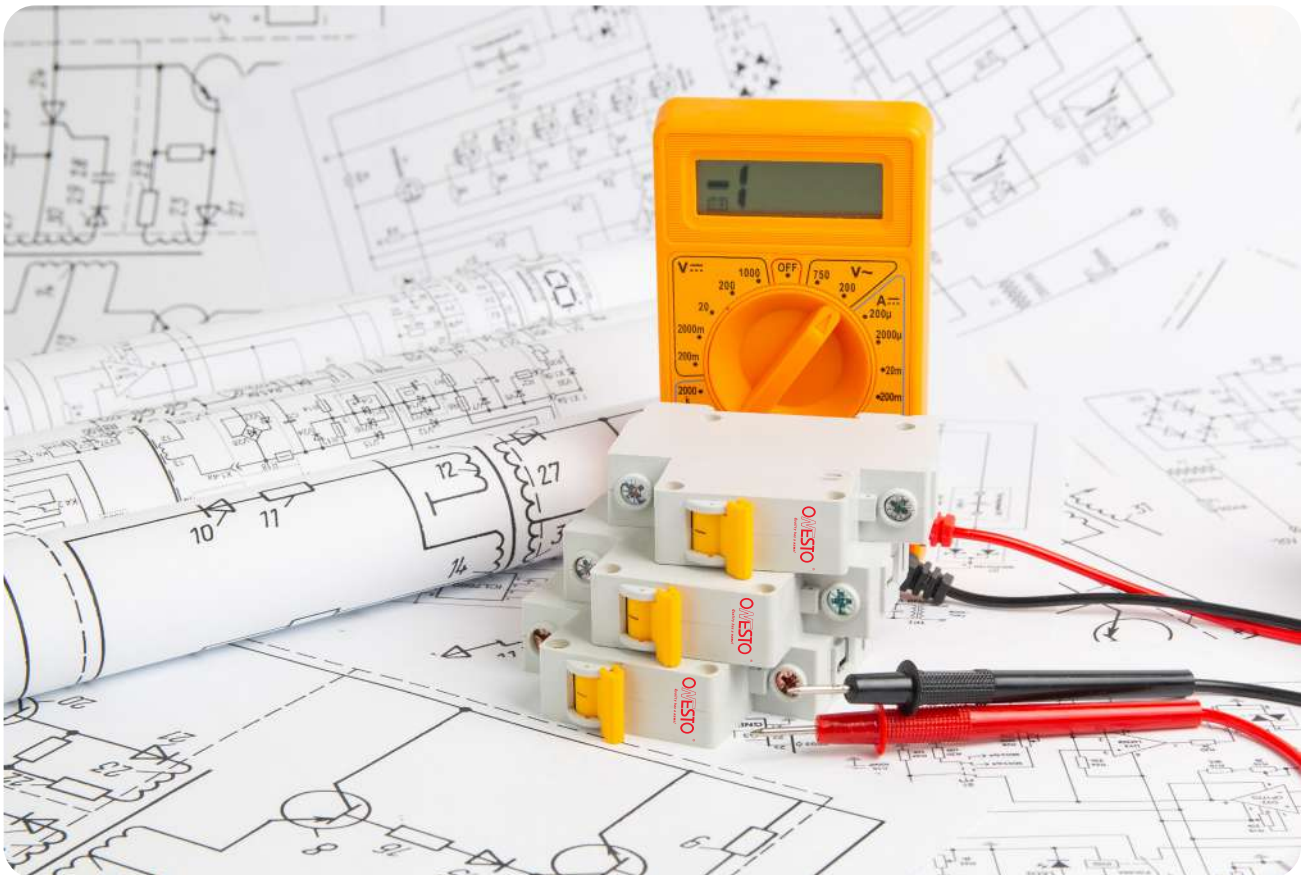
2 MODULE STEP RELAY - 2 NO + 2 NC AUXILIARY

Part Number	Current Rating Amps	Voltage		Auxiliary Contact
		VAC	VDC	
27081	16A	12	6	2 NO + 2 NC
27082	16A	24	12	2 NO + 2 NC
27083	16A	48	24	2 NO + 2 NC
27084	16A	130	48	2 NO + 2 NC
27085	16A	230	110	2 NO + 2 NC



2 MODULE STEP RELAY - 2 CHANGE OVER CONTACT

Part Number	Current Rating Amps	Voltage		Change Over Contacts
		VAC	VDC	
27086	16A	12	6	2 CO
27087	16A	24	12	2 CO
27088	16A	48	24	2 CO
27089	16A	130	48	2 CO
27090	16A	230	110	2 CO



NEW!

CHANGE OVER SWITCH - DIN MOUNT



MCS1-2

40 Amp 2 Pole Change Over Switch

MCS1-3

40 Amp 3 Pole Change Over Switch

MCS63-2

63 Amp 2 Pole Change Over Switch

MCS63-4

63Amp 4 Pole Change Over Switch

NEW!

AUTOMATIC CHANGE OVER SWITCH (ACS) - DIN MOUNT

ACS-C2CM80



A Micro-processor controlled change over switch that automatically changes over to generator supply in the event of a power failure. A volt free signal is activated to engage the ignition circuit of the generator. On return of the main supply, the ACS will change back and de-activate the generator ignition signal.

Rated Current of the ACS on the mains side is 80Amp. Adjustable from 20% to 100%. Rated Current of the ACS on the generator side is 60Amp. Adjustable from 20% to 100%.

In the case of a overload condition the ACS will disconnect the load for ± 10 seconds as a warning of overload condition and reconnect the load. The user will then reduce the load by switching off the non-essential equipment.

The automatic overload warning will be repeated (5) five times and will then remain disconnected. Restoration of supply can be done by pressing the reset button.

AVAILABLE IN 80A ONLY.



- SABS in accordance to IEC 61643-11



DC SURGE ARRESTOR - 2 POLE

BY7-40/2-600DC 40kA 600VDC PV Surge Arrester

BY7-40/2-1000DC 40kA 1000VDC PV Surge Arrester



DC SURGE ARRESTOR - 2 POLE

BY7-60/2-600DC 60kA 600VDC PV Surge Arrester

BY7-60/2-1000DC 60kA 1000VDC PV Surge Arrester



DC SURGE ARRESTOR - 2 POLE

BY7-80/2-600DC 80kA 600VDC PV Surge Arrester

BY7-80/2-1000DC 80kA 1000VDC PV Surge Arrester



DC SURGE ARRESTOR - 3 POLE

BY7-40/3-600DC 40kA 600VDC PV Surge Arrester

BY7-40/3-1000DC 40kA 1000VDC PV Surge Arrester



DC SURGE ARRESTOR - 3 POLE

BY7-60/3-600DC 60kA 600VDC PV Surge Arrester

BY7-60/3-1000DC 60kA 1000VDC PV Surge Arrester



DC SURGE ARRESTOR - 3 POLE

BY7-80/3-600DC 80kA 600VDC PV Surge Arrester

BY7-80/3-1000DC 80kA 1000VDC PV Surge Arrester

- Applications: Surge protection
- SABS in accordance to IEC 61643-11



1 POLE SURGE ARRESTOR

CODE	DESCRIPTION	Uc(V)	Imax(kA)
BY15-10/1-275	1 Pole Surge Arrestor	275	10kA
BY15-20/1-275	1 Pole Surge Arrestor	275	20kA
BY15-40/1-275	1 Pole Surge Arrestor	275	40kA
BY15-60/1-275	1 Pole Surge Arrestor	275	60kA



2 POLE SURGE ARRESTOR

CODE	DESCRIPTION	Uc(V)	Imax(kA)
BY15-10/2-275	2 Pole Surge Arrestor	275	10kA
BY15-20/2-275	2 Pole Surge Arrestor	275	20kA
BY15-40/2-275	2 Pole Surge Arrestor	275	40kA
BY15-60/2-275	2 Pole Surge Arrestor	275	60kA



3 POLE SURGE ARRESTOR

CODE	DESCRIPTION	Uc(V)	Imax(kA)
BY15-10/3-275	3 Pole Surge Arrestor	275	10kA
BY15-20/3-275	3 Pole Surge Arrestor	275	20kA
BY15-40/3-275	3 Pole Surge Arrestor	275	40kA
BY15-60/3-275	3 Pole Surge Arrestor	275	60kA



4 POLE SURGE ARRESTOR

CODE	DESCRIPTION	Uc(V)	Imax(kA)
BY15-10/4-275	4 Pole Surge Arrestor	275	10kA
BY15-20/4-275	4 Pole Surge Arrestor	275	20kA
BY15-40/4-275	4 Pole Surge Arrestor	275	40kA
BY15-60/4-275	4 Pole Surge Arrestor	275	60kA

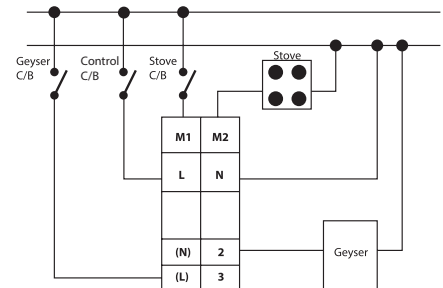


ELSR32 - 230VAC Electronic Load Shed Relay

- 1 DIN Module width = 18mm wide, 58mm deep.
- Adjustable from 0,1 to 32A with internal current transformer.
Should reference values higher than 32A be needed, an external measuring current transformer can be used.
- Off Delay setting: From 0 - 120 seconds
- Supply Voltage: 230VAC
- Rated switching capacity: 16A/250VAC
- Adjustment accuracy: $\pm 5\%$
- Cuts down on domestic household electricity costs by turning off non-essential items.

ELSR32 1-32A Electronic Load Shed Relay DIN Mount

Wiring Diagram



NEW!

MCE-238-VAP Multi-Functional Digital Protective Device - DIN RAIL



This Is A Single Phase Multi-Functional Digital Protective Device Which Gives Protection & Monitoring.

Protection :

- Over and Under Voltage Adjustable 85V-300V
- Over Current Adjustable 1A-63A
- All Protection Functions Have Adjustable Timers to Give Complete Control.
- LED Indication For Easy Fault Identification.

MCE238-VAP

Monitoring :

- Voltage (V), Current (A), Wattage (W) and KWH (4 digit + 1 decimal, Bi-directional).
- Bi-Directional to Monitor Supply From Power Networks or Back Into Power Network From Solar Panels.
- All This In A Standalone Unit (no need for a separate contactor).
- Compact Enough to Fit In A Standard Din Rail DB.

DTS -16C20A 7 Day Digital Electronic Time Switch - DIN RAIL



- Min switching time: 1 min.
- Power Reserve: 150 hours.
- *Suitable for schools/factories using pulse setting program. Minimum 1 sec.*
- Amperage: 20A@230VAC (Resistive).
- Switching Contacts: 1 changeover.
- 1 channel with 16 ON and 16 OFF operations • DIN Mount
- 18 Pulse and Countdown Functions
- Status Indication: LED • LCD Display

DTS -16C20A

- SABS in accordance to IEC 60730-1; IEC 60730-2-7
- Voltage Rating 220/240VAC - 50/60Hz

GTS-16C20A-MR 7 Day Digital Electronic Time Switch - MINI RAIL



- Min switching time: 1 min.
- Power Reserve: 150 hours.
- *Suitable for schools/factories using pulse setting program. Minimum 1 sec.*
- Amperage: 20A@230VAC (Resistive).
- Switching Contacts: 1 NO
- 1 channel with 16 ON and 16 OFF operations • Mini Rail Mount
- 18 Pulse and Countdown Functions
- Status Indication: LED • LCD Display

GTS -16C20A-MR

- SABS in accordance to IEC 60730-1; IEC 60730-2-7
- Voltage Rating 220/240VAC - 50/60Hz