

PRODUCT SELECTION GUIDE

selec[®]
Creating Best Value



- Meters
- Power Factor Controllers
- CTs
- Protection Relays
- Time Switches
- Timers
- Counters
- Temperature Controllers
- Process Indicators
- PLCs
- HMI
- VFDs
- Aluminium Enclosures

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Line Monitoring Relays



600PSR
90(H) x 17.5(W)mm



800PSR
76.85(H) x 22.5(W)mm



642PSR
90(H) x 17.5(W)mm



SPPA2M2
90(H) x 35(W)mm



600SPP
90(H) x 17.5(W)mm

FEATURES	<ul style="list-style-type: none"> • Monitor Phase failure, Phase sequence & Phase asymmetry • LED indication : Relay ON • Slim space saving design 	<ul style="list-style-type: none"> • Monitor Phase failure, Phase sequence & Phase asymmetry • LED indication : Relay ON 	<ul style="list-style-type: none"> • Monitor Phase failure, Phase sequence & Phase asymmetry • LED indication : Power ON & Trip • DIN rail & Wall mount 	<ul style="list-style-type: none"> • Monitor Phase failure, Phase asymmetry, Over voltage & Under voltage • LED indication : Power ON & Trip 	<ul style="list-style-type: none"> • Monitor Phase failure & Phase asymmetry • LED indication : Relay ON • Slim space saving design
MODES	Phase sequence : Yes Phase failure trip : 3 Phase voltage <154V AC (L - L) Phase asymmetry : 30V fixed Reset : Auto reset on removal of fault condition		Phase sequence : Yes Phase failure trip : 3 Phase voltage <280V AC (L - L) Phase asymmetry : 30V fixed Reset : Auto reset on removal of fault condition		Phase sequence : Yes Phase failure trip : 3 Phase voltage <154V AC (L - L) Phase asymmetry : 30V fixed Reset : Auto reset on removal of fault condition
TIME RANGES	Power ON delay : 200msec		Power ON delay : <500msec	Power ON delay : 3sec	
ACCURACY	±3% of F.S.		±1% of F.S.		
OUTPUT CONTACT	1 C/O (SPDT)			2 C/O (DPDT)	1 C/O (SPDT)
OUTPUT RATING	NC : 3A@250V AC, NO : 5A@250V AC				
ELECTRICAL CONNECTION	3Ø - 3W				
OPERATING VOLTAGE	154 to 500V AC (L - L)		280 to 520V AC (L - L)		154 to 520V AC (L - L)

Voltage Monitoring Relays



600VPR-310/520V
90(H) x 17.5(W)mm



600VPR-170/290V
90(H) x 17.5(W)mm



800VPR-3
76.85(H) x 22.5(W)mm

FEATURES	<ul style="list-style-type: none"> • Monitors Under & Over voltage • Monitors Phase sequence & failure • LED indication : Power ON, Fault condition • Space saving design 		<ul style="list-style-type: none"> • Monitor Under & Over voltage • Monitor Phase sequence & failure • LED indication : Power ON, Fault condition
MODES	Under voltage : 310 to 405V AC Over voltage : 425 to 520V AC Phase sequence : YES Phase failure : YES Reset : Auto reset on removal of fault condition	Under voltage : 170 to 224V AC Over voltage : 236 to 290V AC Phase sequence : YES Phase failure : YES Reset : Auto reset on removal of fault condition	Under voltage : 310 to 405V AC Over voltage : 425 to 520V AC Phase sequence : YES Phase failure : YES Reset : Auto reset on removal of fault condition
TIME RANGES	Trip time delay : 0.2 to 10sec, Power On delay : 400msec		Trip Delay : 0 to 10s (For under voltage and over voltage) : Instantaneous (For phase failure & phase sequence)
ACCURACY	Trip Voltage : ±0.5% of F.S, Trip Time : ±5% of F.S		
OUTPUT CONTACT	1 C/O (SPDT)		
OUTPUT RATING	NC : 3A@250V AC, NO : 5A@250V AC		
ELECTRICAL CONNECTION	3Ø - 3W		
OPERATING VOLTAGE	310 to 520V AC (L - L)	170 to 290V AC (L - L)	310 to 520V AC (L - L)

Voltage Monitoring Relays



900VPR-2
90(H) x 35(W)mm



900VPR-BL-U
90(H) x 35(W)mm

FEATURES	<ul style="list-style-type: none"> Monitors Under voltage, Over voltage, Under frequency, Over frequency, Phase asymmetry, Phase failure and Phase sequence Two separate alarm relays LED indication : Power ON, Fault condition 	<ul style="list-style-type: none"> Monitors Under voltage, Over voltage, Under frequency, Over frequency, Phase asymmetry, Phase failure, Phase sequence and Neutral loss Two alarm relays with NO or NC operation selectable LED indication : Fault condition
MEASUREMENTS	Under / Over voltage, Under / Over frequency, Phase asymmetry, Phase failure, Phase sequence, (Neutral failure applicable only for 900VPR-BL-U)	
DISPLAY	3 digit LCD	3 digit LCD with backlight
ALARM INDICATIONS	Trip	
ELECTRICAL CONNECTION	3Ø - 3W, 3Ø - 4W	
TRIP SETTING	Under / Over voltage : 280 to 520V AC L-L (for 3Ø - 3W), 160 to 300V AC L-N (for 3Ø - 4W), Under / Over frequency : 45 / 65Hz, Voltage asymmetry : 5.0 to 99.9%	Under / Over voltage : 85 to 500V AC L - L (for 3Ø - 3W), 50 to 288V AC L - N (for 3Ø - 4W), Under / Over frequency : 45 / 65Hz, Phase asymmetry : 5.0 to 30.0%
TRIP TIME SETTING	Power ON Delay : 2 to 99.9sec, Trip Time Delay : 0 to 99.9sec Recovery Time Delay : 0 to 99.9sec, Response Time : <200ms	Power ON delay : 0.5 to 300sec, Trip time delay : 0 to 300sec Recovery time delay : 0 to 300sec (In Auto Reset Mode), Response time : <120ms
HYSTERESIS	Voltage : 1.0 to 99.9V, Frequency : 0.2 to 2Hz, Asymmetry: 2 to 20%	Voltage : 1.0 to 40V, Frequency : 0.1 to 2Hz, Asymmetry : 2 to 20%
RESOLUTION	Voltage : 1V, Frequency : 0.1Hz	
ACCURACY	Voltage : ±1% of set value, Frequency : ±0.3Hz, Time (Recovery time, Trip delay, Power on delay) : ±5% of setting +200ms	Voltage : ±1% of set value ±2 digits, Frequency : ±0.5% ± 1 digits, Time (Recovery Time, Trip delay, Power on delay) : ±5% of setting ±120ms
OUTPUT CONTACT	2 x 1 C/O (SPDT)	
OUTPUT RATING	NO : 5A@250V AC, NC : 3A@250V AC	
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	Self powered, Operating voltage : 280 to 520V AC (L - L), 160 to 300V AC (L - N)	85 to 270V AC / DC

Voltage Monitoring Relays



VPRA2M
90(H) x 35(W)mm



VPRD2M
90(H) x 35(W)mm

FEATURES	<ul style="list-style-type: none"> Monitors Under voltage, Over voltage Monitors Phase asymmetry, Phase failure, Phase sequence Adjustable over and under voltage trip level Adjustable trip time delay 	<ul style="list-style-type: none"> Monitors Under voltage, Over voltage Monitors Phase asymmetry, Phase failure, Phase sequence Adjustable switching hysteresis One relay with two change over alarm relay operation
MEASUREMENT	Under voltage, Over voltage, Phase failure, Phase sequence, Phase asymmetry	
DISPLAY	Separate LED indications for Power ON, Phase failure, Under voltage, Over voltage, Phase sequence, Phase asymmetry	3 digits LCD
ELECTRICAL CONNECTION	1Ø - 2W, 3Ø - 4W	
TRIP SETTING	Under voltage : 55 to 95% of Un [127 to 219V AC (L - N)] Over voltage : 105 to 125% of Un [242 to 288V AC (L - N)], Phase asymmetry : > 10%	Under voltage : 127 to 219V AC (L - N) Over voltage : 242 to 288V AC (L - N), Phase asymmetry : 5 - 30 %
TRIP TIME SETTING	Power ON delay : 0 to 15sec, Trip time delay : 0 to 15sec Recovery time delay : 5sec ± 200ms, Phase sequence trip delay <250msec	Power ON delay : 0.5 to 300sec, Trip time delay : 0 to 300sec Recovery time delay : 0 to 300sec, Phase sequence trip delay <150msec
HYSTERESIS	Voltage : 7V (±2V) of trip voltage	Voltage : 1.0V - 99.9V, Asymmetry : 2 to 20%
ACCURACY	Trip setting : ±5% of F. S., Time setting : ±10% of F. S.	Voltage : ±1% ±2 digits, Time setting : ±5% of settings ± 150ms
OUTPUT CONTACT	2 C/O (DPDT)	
OUTPUT RATING	NC : 5A@250V AC, NO : 5A@250V AC	
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	Self powered, Nominal input voltage (Un) : 230V AC (L - N), Operating voltage : 127 to 288V AC (L - N)	

Current Monitoring Relays



900CPR-1-BL-U
90(H) x 35(W)mm



900CPR-3-1-BL
90(H) x 35(W)mm



900CPR-1
90(H) x 35(W)mm



900CPR-3
90(H) x 35(W)mm

FEATURES	<ul style="list-style-type: none"> Monitors Under current & Over current Two alarm relay with NC or NO operation selectable LED indication : Fault condition 	<ul style="list-style-type: none"> Monitors Under current, Over current & current asymmetry One alarm relay with NC or NO operation selectable LED indication : Fault condition 	<ul style="list-style-type: none"> Under current & Over current protection for 1Ø system True RMS measurement One alarm relay with NC or NO operation 	<ul style="list-style-type: none"> Under current & Over current protection for 1Ø system & 3Ø system True RMS measurement One alarm relay with NC or NO operation
MEASUREMENTS	Under current, Over current (Current asymmetry applicable only for 900CPR-3)			
DISPLAY	3 digit LCD with backlight		3 digits LCD	
ELECTRICAL CONNECTION	1Ø - 2W	1Ø - 2W, 3Ø - 3W, 3Ø - 4W	1Ø - 2W	1Ø - 2W, 3Ø - 3W, 3Ø - 4W
CT SETTING	CT Primary : 1A / 5A - 999A, CT Secondary : 1A / 5A (Selectable)			
TRIP SETTING	Under current : 0-999A, Over current : 0.5 - 1.19kA, (Current asymmetry : 5.0 - 99.9% applicable only for 900CPR-3)			
TRIP TIME SETTING	Power ON delay : 0.5 - 99.9sec, Trip time delay : 0 - 99.9sec, Recovery time delay : 0 - 99.9sec, Response time : < 200ms			
HYSTERESIS	Current : 0.1 to 99.9A			
ACCURACY	Current : ±1% of setting ± 2 digits, Time (Recovery time, Trip delay, Power ON delay) : ±5% of setting ±200ms			
OUTPUT CONTACT	2 x 1 C/O (SPDT)	1C/O SPDT		
OUTPUT RATING	NO : 5A @ 250V AC; NC : 3A @ 250V AC			
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	85 to 270V AC / DC		230V AC (±15%)	

Earth Leakage Relays



900ELR-2
90(H) x 35(W)mm



ELRA2M
90(H) x 35(W)mm



ELR-341
96(H) x 96(W)mm



ELCTR35
105(H) x 74(W)mm

FEATURES	<ul style="list-style-type: none"> Monitor true RMS earth leakage current up to 30A in 1Ø & 3Ø system CBCT connection monitoring Test and reset via Front / Remote 	<ul style="list-style-type: none"> Two separate alarms relays with NO or NC operation selectable 	<ul style="list-style-type: none"> Sensitivity and time delay adjustable 	<ul style="list-style-type: none"> Pre-alarm indication selectable 	<ul style="list-style-type: none"> Monitors True RMS earth leakage current in 1Ø & 3Ø system Inbuilt CBCT Test and reset function
MEASUREMENT	Earth leakage current (Via external CBCT)				Earth leakage current (Internal CBCT)
DISPLAY	3 digit LCD with backlight, 2 LED for trip indication	5 LED indication	3 digits, 7 segments LED display	2 LED indication	
ELECTRICAL CONNECTION	1Ø - 2W, 3Ø - 3W, 3Ø - 4W				
TRIP SETTING	30mA to 30A				75% of 30mA or 300mA
TIME RANGES	Power ON delay : 0.5 to 99.9 sec, Trip time delay : 0 to 99.9 sec, Delay On release : 0 to 99.9 sec	Trip time delay : 0 to 9 sec (NA when In=0.03A)	Power ON delay : 1 to 999 sec, Trip time delay : 0 to 9999 sec, Recovery time : 1 to 99 min	Reset time : Instantaneous	
ACCURACY	Current : ±5% of setting, Time (Recovery time, Trip delay, Power on delay) : ±5% of setting ±200ms		Current : ± 5% of Set Trip current Time : ± 5% of set Time + Response time		Current : ± 5% of Input current Time : ± 5% of Response time
OUTPUT CONTACT	2 x 1 C/O (SPDT)		1 C/O SPDT		
OUTPUT RATING	NC : 3A@250V AC, NO : 5A@250V AC		NO : 10A@277V AC / 28DC	NC, NO : 5A@250V AC / 28V DC	NC : 5A@250V AC, NO : 5A@30V AC
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	230V AC (± 15%)			90 to 270V AC / DC	
				230V AC (± 15%)	

Core Balance Current Transformers



Description	CBCT for ELRA2M	CBCT for 900ELR-2
Operating current range	30mA - 30A	
Sizes (inner diameter)	35 mm, 70 mm, 120 mm, 210mm, 310mm	

Motor Protection Relays



MPR-3M
90(H) x 52.5(W)mm



MPR-341-2
96(H) x 96(W)mm

FEATURES	<ul style="list-style-type: none"> • Single phasing, Phase asymmetry, Phase sequence • Under current, Overload trip current • Test and reset function via Front / Remote 	<ul style="list-style-type: none"> • Monitors Overload (As per NEMA Curve), Over current, Under current, Current asymmetry • Lock current, Earth fault, • Phase loss, Phase sequence. • LED indication : Power ON, Trip relay • Test & reset function via Front / Remote
DISPLAY	3 LED indication	7 segment, 4 digits LED
AUXILLARY SUPPLY	230 / 415V AC $\pm 15\%$	90V to 270V AC / DC
ELECTRICAL CONNECTION	3 \emptyset - 3W	
TRIP SETTING	Phase asymmetry : 50% of motor current (Fixed) T(sec.) setting : To select 2 , 4 , 6 , 8 , 10 sec trip time curve in overload trip curve graph. Under current : 50% of Motor current, X I _{max} : To select motor current rating	Over load : Class 5,10,15,20,30, Over current : 4A to 480A, Under Current : 1A to 79A, Current asymmetry : 1A to 79A, Lock current : 4A to 480A, Earth fault : 1A to 160A
TIME SETTINGS	Single phase trip : 5 sec, Phase asymmetry : 5 sec, Phase sequence : 5 sec Over load trip : As per (IDMT Curve), Under current trip : 5 Sec	Power On delay : 1-999 sec, Trip Time : 0-999 sec, Recovery time : 1-999 sec, Response Time : <120ms, 3 Reset Attempt Time : 0-999 min
MODE	Auto / Manual / Remote	
ACCURACY	Time : $\pm 5\%$ of setting ± 100 ms, Current : $\pm 5\%$ of set value	Current : $\pm 5\%$ of I _r ± 1 digit, Timing : $\pm 5\%$ + 100msec
OUTPUT CONTACT	2 C/O (DPDT)	2 x1 C/O (SPDT)
OUTPUT RATING	NC : 5A@ 240V AC, NO : 5A@240V AC	5A@250V AC/28VDC

Pump Protection Relays



PPRD-4M-3-415V
90(H) x 70(W)mm



PPRA-4M-3-415V
90(H) x 70(W)mm

FEATURES	<ul style="list-style-type: none"> • Monitors Overload (As per NEMA Curve), Over current, Under current, Current asymmetry, Lock current • Over voltage, Under voltage • Phase loss, Phase sequence, Phase asymmetry • LED indication : Power ON, Trip relay • Test & reset function via Front / Remote 	<ul style="list-style-type: none"> • Monitors Overload (As per NEMA Curve), Over current, Under current, Current asymmetry, Lock current, • Over voltage, Under voltage • Phase loss, Phase sequence, Phase asymmetry • LED indication : Power ON, Trip relay • Test & reset function via Front / Remote
DISPLAY	7 segment, 3 digits LED	4 LED & 4 knob for variable setting
AUXILLARY SUPPLY	280V-500V (L-L)	
ELECTRICAL CONNECTION	3 \emptyset - 3W	
CT SETTING	10A, 40A, 80A	
TRIP SETTING	Over load : Class 5,10,15,20,30, Over current : 4A to 480A, Under current : 1A to 79A, Current asymmetry : 1A to 79A, Lock current : 4A to 480A, Over voltage : 280V-500V Under voltage : 280V-500V, Voltage asymmetry : 5V TO 50V	Over load : Class 5,10,15,20,30, Over current : 10%-70% of I _r (Rated current) Under current : 20%-80% of I _r (Rated current), Current asymmetry : Fixed: 50% of I _r (Rated current) Lock current : Fixed 300% of I _r (Rated current), Over voltage : Fixed (480V), Under voltage : Fixed (350V), Voltage asymmetry : Fixed (30V)
TIME SETTINGS	Power On delay : 1 sec, Trip time : 0-999 sec, Recovery time : 1-999 sec , Response time : <120ms, 3 Reset attempt time : 0-999 min	Power ON delay : 1 sec (Fixed), Trip Time (sec) : 0,2,4,6,8 & 10, Recovery time : 15min, Response time : <240ms, 3 Reset attempt time : 60min (Fixed)
HYSTERESIS	Voltage : 0 to 10 V	Voltage : 6V (fixed)
ACCURACY	Current : $\pm 5\%$ of I _r ± 1 digit, Timing : $\pm 5\%$ ± 100 msec, Voltage : $\pm 1\%$ of 500V ± 1 digit	
OUTPUT CONTACT	1 C/O (SPDT)	
OUTPUT RATING	5A@250V AC/28VDC	

Motor Protection Current Transformer



MPCT
73(H) x 100(W) x 60(D)mm

Description	MPCT
Current range	10A, 40A, 80A

Pump Protection Relays



PPRD-4M-1-230V
90(H) x 70(W)mm



PPRWD-4M-1
90(H) x 70(W)mm



PPRA-4M-1-230V
90(H) x 70(W)mm

FEATURES	<ul style="list-style-type: none"> Monitors Over load (As per NEMA curve), Over current, Under current, Locked current, Over voltage, Under voltage Direct current measuring up to 32A LED indication : Power ON, Trip relay Test & Reset function via key & terminal 	<ul style="list-style-type: none"> Automatic pump on & off as per water level detection Monitors Over load (As per NEMA curve), Over current, Under current, Locked current, Over voltage, Under voltage Direct current measuring up to 32A Capacitor cut off features 	<ul style="list-style-type: none"> Monitors Over load (As per NEMA curve), Over current, Under current, Locked current, Over voltage, Under voltage, 4 Knob for variable setting Direct current measuring up to 32A LED indication : Power ON, Trip relay
DISPLAY	3 Digits, 7 Segment LED display	3 Digits, 7 Segment LED display	3 LED & 4 Knob for variable Setting
ELECTRICAL CONNECTION	1Ø-2W		
MEASURING RANGE	A) Motor rated current Measuring : 1A to 30 A B) Voltage measuring range : 180 to 300VAC (L - N)		
TRIP SETTING	Over load : NEMA class curve 5, 10, 15, 20, 30 , Over current : 2A to 32A, Under current : 0.2 to 29A, Locked current : 2A to 32A Over voltage : 180V - 300V (L - N), Under voltage : 180V - 300V (L - N)		Over load : NEMA class curve 5, 10, 15, 20, 30 , Over current : 10% to 70%, Under current : 20% to 80% Locked current : 300% of Ir, Over voltage : 280V (fixed) Under voltage : 180V (fixed)
TIME SETTINGS	Power ON delay : 1 sec (Fixed), Trip time delay : 0 - 999 sec Recovery time : 1 - 999 sec, Reset attempts (fixed) : 1 - 999 min		Power ON delay : 1 sec (fixed), Trip time delay : 0 - 10 sec Auto Reset Time : 15 min, Reset attempts 3 (fixed) : 60 min
ACCURACY	Current accuracy : ±5% of rated current ±1 digit, Voltage accuracy : ±1% of 300V ±1 digit, Time accuracy : ±5% ±100msec		
OUTPUT CONTACT	1 NO relay	2 NO relay	1 NO relay
OUTPUT RATING	30A@277V AC		
SUPPLY VOLTAGE (AC : 50 / 60 Hz)	180 to 300V AC (L - N)		

Water Level Controllers



WLCA2M1
90(H) x 35(W)mm



WLCA-2M-U-CE
90(H) x 35(W)mm

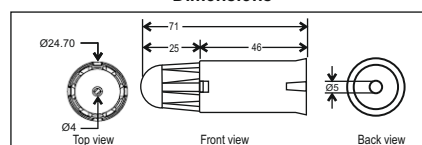
FEATURES	<ul style="list-style-type: none"> Used for drain & fill control 3 No's stainless steel prods 10A SPDT output (Resistive) 	<ul style="list-style-type: none"> Selectable suction and delivery mode in single tank operation Used for two tank monitoring, Single tank water level monitoring Manual start switch facility Trip relay & alarm relay indication
DISPLAY	2 LED indication	4 LED indication
AUXILLARY SUPPLY	85 to 270V AC / DC	
TRIP SETTING	According to the levels of sensor placed in the water tank	
SENSITIVITY	1 Kohms to 200Kohms	Auto
TRIP TIME	0.5sec (approx)	2sec
MODE	Auto	Auto / Manual
ACCURACY	NA	±5% + 100msec
OUTPUT CONTACT	1 C/O (SPDT)	1 N /O (Resitive)
OUTPUT RATING	10A@250V AC / 28V DC	5A@ 250 V AC /28V DC

Water Level Sensor



- Stainless steel
- Suitable for conductive liquids

Dimensions



Earth Fault Relays



900EFR-BL-U
90(H) x 35(W)mm

FEATURES	<ul style="list-style-type: none"> • Earth fault current monitoring • Two alarm relays with NO and NC operation selectable • Test and reset via Front / Remote
MEASUREMENT	Earth fault monitoring
DISPLAY	3 Digit liquid crystal display with backlight
ELECTRICAL CONNECTION	1Ø - 2W, 3Ø - 3W, 3Ø - 4W
FRAME RATING (CT PRIMARY)	160A, 250A, 630A
TRIP SETTING	10% to 80% of selectable MCCB frame rating
TIME RANGES	Response time : <100ms, Trip time delay : 0 to 99.9sec, Recovery time : 0 to 99.9sec, Power ON delay : 0.5 to 99.9sec
OUTPUT CONTACT & RATING	2 x 1 C/O (SPDT) NC : 3A@250V AC, NO : 5A@250V AC

Thermistor Protection Relay



TPRA2M1-1-U-CE
90(H) x 35(W)mm

FEATURES	<ul style="list-style-type: none"> • PTC input • LED indication : Power ON, Trip, Open, Short • DPDT relay output
LED INDICATION	Green : Power ON indication, Yellow : Sensor Indication, Red : Relay status
INPUT TYPE	PTC sensor
SENSOR	Sensor short : <40 (±1Ω), Sensor healthy : 44Ω (±3Ω) to <3.8KΩ (±150Ω) Sensor trip : ≥3.8KΩ (±150Ω) to <5.5KΩ (±150Ω) Sensor open : ≥5.5KΩ (±150Ω) & above, Sensor cut-in : ≤1.5KΩ (±60Ω)
FUNCTIONAL	Relay operating mode : Failsafe & Non-failsafe mode, Reset : Auto / Manual
OUTPUT CONTACT	2 C/O (DPDT)
OUTPUT RATING	8A@250V AC



Earth Fault Current Transformer

Description	EFCT
Current ratio	160/1A, 250/1A, 630/1A
Rated burden	1 VA
Sizes (mm)	100 x 25, 140 x 35, 180 x 35, 220 x 50

Ordering information

Line Monitoring Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
600PSR-CE	154 to 500V AC	CE
800PSR	154 to 500V AC	---
642PSR	280 to 520V AC	---
600SPP	154 to 500V AC	---
SPPA2M2	280 to 520V AC	---

Voltage Monitoring Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
600VPR-170/290-CU	170 to 290V AC	CE
600VPR-310/520-CE	310 to 520V AC	CE
800VPR-3	310 to 520V AC	---
900VPR-2-280/520V-CE	280 to 520V AC	CE
900VPR-2-280/520V-CU-RoHS	280 to 520V AC	CE
900VPR-BL-U-CE	85 to 270V AC / DC	CE
VPRA2M-CE	127 to 288V AC	CE
VPRD2M	127 to 288V AC	---
VPRD2M-BL-CE	127 to 288V AC	CE

Current Monitoring Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
900CPR-1-BL-U-CE	85 to 270V AC / DC	CE
900CPR-3-1-BL-230V-CE	230V AC (±15%)	CE
900CPR-1-230V	230V AC (±15%)	---
900CPR-3-230V	230V AC (±15%)	---

Earth Leakage Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
900ELR-2-230V-CE	230V AC (±15%)	CE
ELRA2M2-1-230V-CE	230V AC (±15%)	CE
ELR-341-1	90 to 270V AC / DC	---
ELCTR35-1-30mA-230V-CE	230V AC (±15%)	CE
ELCTR35-1A-30mA-230V	230V AC (±15%)	---
ELCTR35-1-300mA-230V-CE	230V AC (±15%)	CE
ELCTR35-1A-300mA-230V	230V AC (±15%)	---

Core Balance Current Transformer

PRODUCT CODE	INNER DIAMETER (IN MM)	CERTIFICATION
CBCT-35-1-CE	35	CE
CBCT-70-1-CE	70	CE
CBCT-120-1-CE	120	CE
CBCT-210-1-CE	210	CE
CBCT-310-1-CE	310	CE

Motor / Pump Protection Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
MPR-3M-2-230V	230V AC (±15%)	---
MPR-3M-2-415V	415V AC (±15%)	---
MPR-341-2	90 to 270V AC / DC	---
PPRD-4M-3-415V	415V AC (±15%)	---
PPRA-4M-3-415V	415V AC (±15%)	---
PPRD-4M-1-230V	180 to 300V AC	---
PPRD-4M-1	180 to 300V AC	---
PPRA-4M-1-230V	180 to 300V AC	---

Motor Protection Current Transformer

PRODUCT CODE	INPUT CURRENT	CERTIFICATION
MPCT D15 10 A	10 A	---
MPCT D15 40 A	40 A	---
MPCT D15 80 A	80 A	---

Water Level Controller

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
WLCA2M1-CE-RoHS	85 to 270V AC / DC	CE
WLCA-2M-U-CE	85 to 270V AC / DC	CE

Accessories

PRODUCT CODE	DESCRIPTION
WLC SENSOR	Set of 3 Numbers

Earth Fault Relay

PRODUCT CODE	SUPPLY VOLTAGE	CERTIFICATION
900EFR-BL-U-CE	85 to 270V AC / DC	CE

Earth Fault Current Transformer

PRODUCT CODE	DIMENSION IN MM	CURRENT TRANSFORMER RATIO
EFCT 100/25 160/1A VA CL1	100x25	160/1A
EFCT 140/35 160/1A VA CL1	140x35	160/1A
EFCT 140/35 250/1A VA CL1	140x35	250/1A
EFCT 180/35 250/1A VA CL1	180x35	250/1A
EFCT 180/35 630/1A VA CL1	180x35	630/1A
EFCT 220/50 630/1A VA CL1	220x50	630/1A

Thermistor Protection Relay

PRODUCT CODE	OUTPUT	SUPPLY VOLTAGE	CERTIFICATION
TPRA2M1-1-U-CE	RELAY	90 to 270V AC / DC	CE