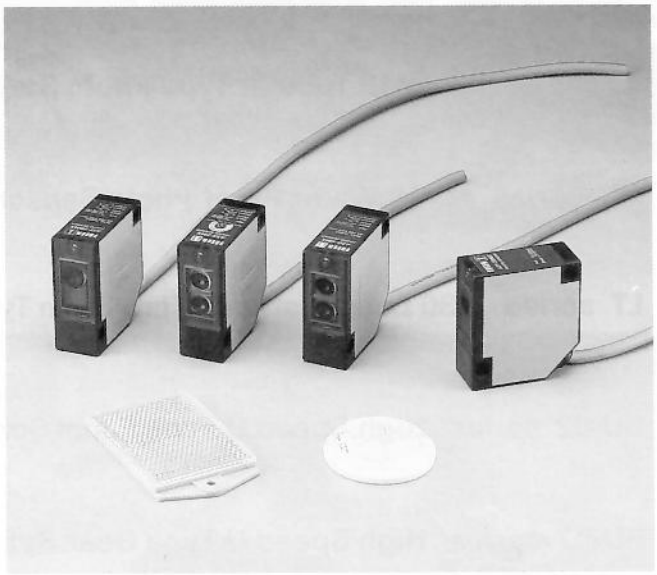
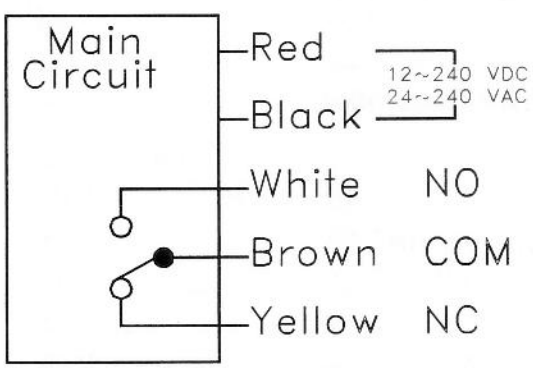
A3 Series FREE POWER PHOTO SENSOR

* Extensive operating voltage
  DC 12~240V or AC 24~240V
* High capacity relay output 3A/250VAC
* High compact structure IP-66
* Multi surge killer circuit effectively
  protects from surge damage
* B type (Normal close type)
  have no stock maybe ,
  accepted order to manufacture
  Model : A3R-30XB , A3R-1MXB , A3R-2MXB
  A3G-2MRB , A3G-4MXB
  A3T-10MXB , A3T-20MXB



General Specification

Specification	Data
Operating Voltage	12~240 VDC ; 24~240 VAC , 50/60HZ
Current Consumption	2VA max.
Output Method	Relay
Contact Current	3A/250 VAC
Response Time	15ms
Illumination	Lamplight < 10,000 Lux. ; Sunlight < 30,000 Lux.
Connection Method	5 Cores / 6.0 φ X 2m
Noise Resistance	1500Vp - p/1 μ s
Surge Resistance	2 KV/1 μ S
Vibration Resistance	10~55Hz / 1.5mm , 2 Hour In X.Y.Z. Direction
Housing Material	Case : Intensive ABS ; Lens : PC
Operating Temp./Hum.	-20°C ~ +60°C ; 35% ~ 85% RH
Connection Diagram	Connection diagram 

Reflex Type

Type	Standard Type			Water-Proof Type		
Model	**A3R-30X**	**A3R-1MX**	**A3R-2MX**	**A3R-30XP**	**A3R-1MXP**	**A3R-2MXP**
Sensing Distance	30cm	100cm	200cm	30cm	100cm	200cm
Protection Class	IP-65			IP-67		
Operating Voltage	12~240 VDC ; 24~240 VAC 50/60Hz					
Output Method	Relay					
Output Status	NO. <Received ON >					
Sensitivity Adjuster	270° Trimmer					
Emitter	Infrared LED					
Min. Sensible Object	5.0φ					
Weight	Appr.145g			Appr.155g		

Mirror Reflex Type

Type	Standard Type			Water-Proof Type	
Model	**A3G-2MR**	**A3G-2MRS**	**A3G-4MX**	**A3G-2MRP**	**A3G-4MXP**
Sensing Distance	3m	2m	4m	3m	4.5m
Emitter	Red LED	Red LED	Infrared LED	Red LED	Infrared LED
Sensing Adjuster	Trimmer	Without		Trimmer	Without
Protect Class	IP-65			IP-67	
Operating Voltage	12~240 VDC ; 24~240 VAC 50/60Hz				
Output Method	Relay				
Output Status	NO. < Break ON >				
Min. Sensible Object	2.0φ	5.0φ		2.0φ	5.0φ
Weight	Appr.145g			Appr.155g	

Thru Beam Type

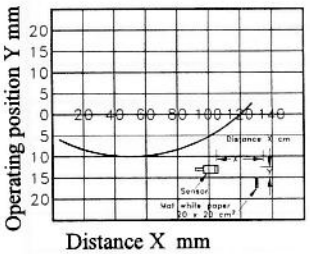
Type	Standard Type			Water-Proof Type		
Model	**A3T-3MX**	**A3T-10MX**	**A3T-20MX**	**A3T-3MXP**	**A3T-10MXP**	**A3T-20MXP**
Sensing Distance	3m	10m	20m	3m	10m	20m
Protection Class	IP-65			IP-67		
Operating Voltage	12~240 VDC ; 24~240 VAC 50/60Hz					
Output Method	Relay					
Output Status	NO. < Break ON >					
Emitter	Infrared LED					
Sensitivity Adjuster	Without					
Min. Sensible Object	2.0φ	5.0φ	10.0φ	2.0φ	5.0φ	10.0φ
Weight	Appr.285g			Appr.305g		

Characteristic Curve < Typical >

Diffuse Reflex type

A3R-1MX

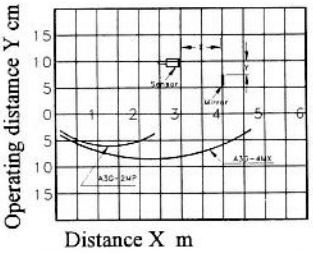
Sensing area



Mirror Reflex type

A3G-2MR/A3G-4MX

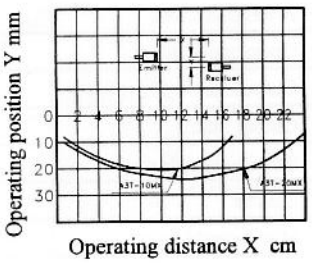
Setting range



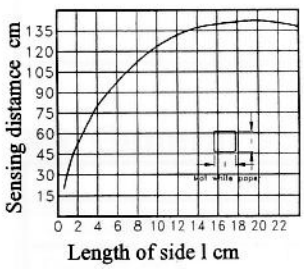
Thru Beam type

A3T-10MX/A3T-20MX

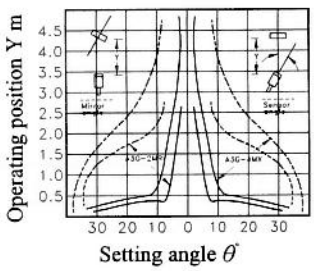
Setting range



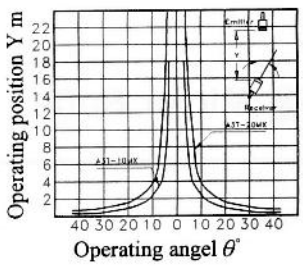
Sensing area



Setting angle



Setting angle



Dimension

