Specifications



Eaton 121629

Eaton Moeller® series C22 Indicator light, Flat, Screw connection, Lens yellow, LED white, 24 V AC/DC

General specifications	
PRODUCT NAME	Eaton Moeller® series C22 Indicator light
CATALOG NUMBER	121629
MODEL CODE	C22-L-Y-24
EAN	4015081194438
PRODUCT LENGTH/DEPTH	56 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.015 kg
CERTIFICATIONS	UL 508 CSA-C22.2 No. 14-05 and 94-M91 UL Listed UL Category Control No.: NKCR CSA Class No.: 321103 CSA File No.: 165628 VDE 0660 IEC/EN 60947-5-1 UL File No.: E29184 CE marking CSA certified
GLOBAL CATALOG	121629



TYPEIndicator lightsPRODUCT CATEGORYRMQ CompactELECTRIC CONNECTION TYPEScrew connectionFITTED WITH:Light source Front ringPOLLUTION DEGREE3CLIMATIC PROOFINGDamp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30CONNECTION TO SMARTWIRE-DTNoRATED IMPULSE WITHSTAND VOLTAGE (UIMP)4000 V ACBEZEL COLOROtherLAMP SOCKET TYPELEDAMBIENT OPERATING TEMPERATURE - MAX70 °CAMBIENT OPERATING TEMPERATURE - MIN-25 °CNUMBER OF PILOT LIGHTS1OPENING DIAMETER22.5 mmOPENING HEIGHT0 mmRATED INSULATION VOLTAGE (UI)250 VRATED OPERATIONAL VOLTAGE (UE) - MAX24 VBEZEL MATERIALPlasticDEGREE OF PROTECTIONNEMA 4X, 13 IPG7/IPG9KLENS COLOR VOLTAGE TYPEAC/DCDESIGNFlatMOUNTING POSITION LIGHT COLORAs requiredLIGHT COLOR WhiteWhiteRATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)1 kAWIDTH OPENING0 mm	Product specification	S
PRODUCT CATEGORY RMQ Compact ELECTRIC CONNECTION TYPE Screw connection FITTED WITH: Light source Front ring POLLUTION DEGREE 3 CLIMATIC PROOFING Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 CONNECTION TO SMARTWIRE-DT No RATED IMPULSE WITHSTAND VOLTAGE (UIMP) 4000 V AC BEZEL COLOR Other LAMP SOCKET TYPE LED AMBIENT OPERATING TEMPERATURE - MAX 70 °C AMBIENT OPERATING TEMPERATURE - MIN 1 NUMBER OF PILOT LIGHTS 1 OPENING DIAMETER 22.5 mm OPENING HEIGHT 0 mm RATED INSULATION VOLTAGE (UI) 250 V RATED OPERATIONAL VOLTAGE (UE) - MAX 24 V BEZEL MATERIAL Plastic DEGREE OF PROTECTION NEMA 4X, 13 IPG7/IPG9K LENS COLOR Yellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) 1 kA LIGHT COLOR White		
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CLIMATIC PROOFING Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) BEZEL COLOR Other LAMP SOCKET TYPE LED AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER 22.5 mm OPENING HEIGHT 0 mm RATED INSULATION VOLTAGE (UI) 250 V RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL Plastic DEGREE OF PROTECTION NEMA 4X, 13 IP67/IP69K LENS COLOR Yellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION AS required LIGHT COLOR White RATED OPERATIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN DEGREE (UE) - MIN DEGREE (UE) - MIN DEGREE OF PROTECTION AS required LIGHT COLOR White	FITTED WITH:	_
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SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) BEZEL COLOR LAMP SOCKET TYPE AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER OPENING HEIGHT OPENING HEIGHT OPENING (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL DEGREE OF PROTECTION VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN AS REQUIRED AS REQUIRED LIGHT COLOR White RATED OPERATIONAL VOLTAGE (UE) - MIN AS A V	CLIMATIC PROOFING	IEC 60068-2-78 Damp heat, cyclic, to IEC
WITHSTAND VOLTAGE (UIMP) BEZEL COLOR CHAP SOCKET TYPE AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER OPENING DIAMETER OPENING HEIGHT OPENING HEIGHT RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL DEGREE OF PROTECTION LENS COLOR VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN 24 V		No
LAMP SOCKET TYPE AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER OPENING HEIGHT OPENING HEIGHT RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL DEGREE OF PROTECTION VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN Z4 V AS required LIGHT COLOR White	WITHSTAND VOLTAGE	4000 V AC
AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER OPENING HEIGHT OPENING HEIGHT RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL DEGREE OF PROTECTION VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN AMBIENT OPECATION 1 1 1 1 1 1 1 1 1 1 1 1 1	BEZEL COLOR	Other
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TEMPERATURE - MIN NUMBER OF PILOT LIGHTS OPENING DIAMETER 22.5 mm OPENING HEIGHT O mm RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL DEGREE OF PROTECTION LENS COLOR VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN AS REQUIRED 1 kA		70 °C
OPENING DIAMETER OPENING HEIGHT OPENING (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL Plastic NEMA 4X, 13 IP67/IP69K LENS COLOR Vellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN 1 LIGHT OPENING OPENING OPENING 24 V		-25 °C
OPENING HEIGHT 0 mm RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL 24 V BEZEL MATERIAL Plastic DEGREE OF PROTECTION NEMA 4X, 13 IP67/IP69K LENS COLOR Yellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN		1
RATED INSULATION VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL Plastic DEGREE OF PROTECTION LENS COLOR VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN 24 V	OPENING DIAMETER	22.5 mm
VOLTAGE (UI) RATED OPERATIONAL VOLTAGE (UE) - MAX BEZEL MATERIAL Plastic NEMA 4X, 13 IP67/IP69K LENS COLOR Vellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN 24 V	OPENING HEIGHT	0 mm
VOLTAGE (UE) - MAX BEZEL MATERIAL Plastic NEMA 4X, 13 IP67/IP69K LENS COLOR Vellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION LIGHT COLOR RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN		250 V
DEGREE OF PROTECTION NEMA 4X, 13 IP67/IP69K LENS COLOR Yellow VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN		24 V
DEGREE OF PROTECTION IP67/IP69K LENS COLOR VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	BEZEL MATERIAL	Plastic
VOLTAGE TYPE AC/DC DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	DEGREE OF PROTECTION	,
DESIGN Flat MOUNTING POSITION As required LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	LENS COLOR	Yellow
MOUNTING POSITION LIGHT COLOR White RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN As required White	VOLTAGE TYPE	AC/DC
RATED CONDITIONAL SHORT-CIRCUIT CURRENT 1 kA (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	DESIGN	Flat
RATED CONDITIONAL SHORT-CIRCUIT CURRENT 1 kA (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	MOUNTING POSITION	As required
SHORT-CIRCUIT CURRENT 1 kA (IQ) RATED OPERATIONAL VOLTAGE (UE) - MIN	LIGHT COLOR	White
VOLTAGE (UE) - MIN	SHORT-CIRCUIT CURRENT	1 kA
WIDTH OPENING 0 mm		24 V
	WIDTH OPENING	0 mm

Docources	
Resources	eaton-pushbuttons-signal- towers-sensors- assortment-overview- catalog-ca047003en-en- us.pdf
DECLARATIONS OF	DA-DC-00004135.pdf
DRAWINGS	eaton-operating-indication-c22-indicator-light-dimensions.eps eaton-operating-button-symbol-008.eps eaton-operating-button-symbol-013.eps eaton-operating-c22-indicator-light-3d-drawing.eps
ECAD MODEL	DA-CE-ETN.C22-L-Y-24
FLYERS	eaton-rmq-titan-selection- aid-brochure-fl047002-en- us.pdf
INSTALLATION INSTRUCTIONS	eaton-rmq-titan-c22-pv- compact-program- emergency-buttons- instruction-leaflet- il04716025z.pdf
INSTALLATION VIDEOS	Eaton's RMQ compact solution pilot devices
MCAD MODEL	eaton-c22-l-compact-drawing.dwg DA-CS-leuchtmelder flach DA-CD-leuchtmelder flach
	eaton-c22-l-compact-3d- model.stp
SALES NOTES	eaton-rmq-mci-multi- color-light-indicator-flyer- fl047005en-en-us.pdf
WIRING DIAGRAMS	eaton-operating-c22- indicator-light-wiring- diagram.eps

OVERVOLTAGE CATEGORY	III
LENS TYPE	Round Flat
RATED OPERATIONAL VOLTAGE	24 V AC/DC (LED)
TERMINAL CAPACITY	$2 \times (0.5 - 1.5) \text{ mm}^2$, flexible with ferrules to DIN 46228 $2 \times (0.5 - 1.5) \text{ mm}^2$, solid
TIGHTENING TORQUE	0.8 Nm, Screw terminals

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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