



## Bulkhead interface, Flat Front, RJ45, front mounting

**Part no.** M30C-FRJ45  
**Catalog No.** 187086  
**Eaton Catalog No.** M30C-FRJ45

### Delivery program

Product range		Accessories
Accessories		General accessories
Part group reference (e.g. DIL)		M30
Basic function accessories		Bulkhead interface, RJ45 socket
Single unit/Complete unit		Single unit
Degree of Protection		RJ45 socket, 8/8, cat. 5e IP65 (with closed cover) IP20 (with plug connected)
Front ring		Metal bezel
Connection to SmartWire-DT		no
For use with		Front mounting
Terminal diagram / contact assignment		<pre> SH □—————□ SH 1 □—————□ 1 2 □—————□ 2 3 □—————□ 3 4 □—————□ 4 5 □—————□ 5 6 □—————□ 6 7 □—————□ 7 8 □—————□ 8 SH □—————□ SH           </pre>

### Technical data

#### Technical data

Nominal voltage	U <sub>L</sub>	AC 24 V
Voltage range		AC 50 V
Rated current	mA	1500
Number of poles		8 pole
Class / category		5
Contact type art		1 : 1
Screen earth kit		yes

#### General

Design		RJ45
Insulation resistance	R <sub>ISO</sub>	MΩ > $\frac{1}{100}$
Volume resistance		< 30 mΩ
Contact material		CuSn, gold-plated
Mounting		Front panel cutout d = 30.5 mm
Mounting depth:	mm	ca. 70 (incl. Krümmung)
Ambient temperature		-20 - +70
Storage		°C - 25 - + 70
Lifespan, mechanical	Operations	< 750 insertion cycles
Weight	kg/piece	0.02

### Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature max.	°C	-20
Operating ambient temperature max.	°C	70

### Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Accessories for control circuit devices (EC002024)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Low-voltage switch technology (accessories) / Control circuit devices (accessories)  
(ec@ss8.1-27-37-92-16 [ACO043008])

Type of electrical accessory

-

Type of mechanical accessory

-

## Additional product information (links)

**IL047019ZU Flat Front**

IL047019ZU Flat Front

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL047019ZU2017\\_02.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047019ZU2017_02.pdf)