

Data sheet

6ES7194-2LH50-1AC0

Power cable M8, single-sided assembled with M8 socket, 4-pole, Length 5.0m



Figure similar

General information			
Product type designation		Power cable	
Product description		Flexible cable (4-core), preassembled at one end with 1x M8 female connector	
Suitability for use		For connection to ET 200AL for 24 V DC power supply	
Degree and class of protection			
IP degree of protection		IP65/67	
Ambient conditions			
Ambient temperature during assembly, min.		-30 °C	
Ambient temperature during assembly, max.		80 °C	
Ambient temperature during storage/transportation			
• min.		-40 °C	
• max.		80 °C	
Cables			
Cable designation		4 Li9Y 0.50 mm² Y	
Cable length		5 m	
Number of electrical cores		4	
Outer diameter of inner conductor		0.8 mm	
Outer diameter of core insulation		1.46 mm	
Outer diameter of cable sheath		5.2 mm	
Number of bending cycles		2 500 000; cable carrier compliant for 2.5 million bending cycles with a bending radius of 52 mm, a speed of 3 m/s and an acceleration of 10 m/s²	
Permissible bending radius, single bend, min.		26 mm	
Permissible bending radius, multiple bends, min.		52 mm	
Bending radius for continuous bending		52 mm	
Color of cable sheath		gray	
Color of core insulation of energy core		white / brown / blue / black	
Weight per length		44 kg/km	
Mechanics/material			
Outgoing feeder type		180° cable outlet	
Material of cable sheath		PVC	
Material of core insulation		PP	
Material property			
• Silicone-free		Yes	
Classifications			
		Version	Classification
	eClass	14	27-24-22-20
	eClass	12	27-24-22-20

eClass	9.1	27-24-22-20
eClass	9	27-24-22-20
eClass	8	27-24-92-05
eClass	7.1	27-24-92-05
eClass	6	27-24-92-05
ETIM	10	EC000237
ETIM	9	EC000237
ETIM	8	EC000237
ETIM	7	EC000237
IDEA	4	3553
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)

[Miscellaneous](#)



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4/4/2025

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