

Data sheet

6ES7194-2LH50-1AB0

Power cable M8, both ends assembled with M8 connector angled and M8 socket angled, 4-pole, Length 5.0m



Figure similar

General information			
Product type designation	Power cable		
Product description	Flexible cable (4-core), preassembled at each end with a 4-pin M8 male / female connector, angled		
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 mm ² 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/s ²		
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	90 degree 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

[Miscellaneous](#)[Manufacturer Declaration](#)

last modified:

4/4/2025

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