Modicon Quantum automation platform

Catalog

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Schneider Electric

Modicon Quantum automation platform

Treatment for severe environments
"Conformal Coating"
I/O architectures

"Conformal Coating" remote I/O (RIO) modules (1)

Description	Cable	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/lb
Quantum RIO head adaptor (1 max.)	Single cable	–	Yes	**140CRP93100C**	–
	Redundant cable	Non-interfering	Yes	**140CRP93200C**	–
	Redundant cable	Non-interfering	Yes	**140CRP31200C**	–
Quantum RIO drop adaptor (31 max.)	Single cable	–	Yes	**140CRA93100C**	–
	Redundant cable	Non-interfering	Yes	**140CRA93200C**	–
	Redundant cable	–	Yes	**140CRA31200C**	–

Quantum Ethernet drop optical fibre repeater (2)

Description	Cable	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/lb
Ouantum Ethernet drop optical fibre repeater (3)	Multimode optical fibre (single or redundant)	–	–	**140NRP31200C**	–
	Single mode optical fibre (single or redundant)	–	–	**140NRP31201C**	–

RIO drop optical fibre repeater (2)

Description	Cable	Safety	Certified ATEX Zone 2/22	Reference	Weight kg/lb
RIO drop optical fibre repeater (3)	Multimode optical fibre (single or redundant)	Non-interfering	Yes	**140NRP95400C**	–
	Single mode optical fibre (single or redundant)	Non-interfering	Yes	**140NRP95401C**	–

"Conformal Coating" distributed I/O (DIO) modules

Description	Medium	Type of medium	Certified ATEX Zone 2/22	Reference	Weight kg/lb
DIO head-end adaptors no. 2 and no. 3 (4)	Single	Twisted pair cable	–	**140NOM21100C**	–
	Redundant	Twisted pair cable	Yes	**140NOM21200C**	–
	Single	Optical fibre cable	Yes	**140NOM25200C**	–

Description	Medium	Built-in power supply	Certified ATEX Zone 2/22	Reference	Weight kg/lb
DIO drop adaptors	Single	115/230 V ∿	–	**140CRA21110C**	–
		24 V ⎓	Yes	**140CRA21120C**	–
	Redundant	115/230 V ∿	–	**140CRA21210C**	–
		24 V ⎓	Yes	**140CRA21220C**	–

(1) For connection cables and rack accessories, see page 2/31.
(2) For topologies, see pages 2/32 and 2/33.
(3) Module declarable and configurable in Unity Pro Small/Medium/Large/Extra Large version 6.0 and later.
(4) For Modbus Plus network cables and accessories, see pages 5/48 to 5/53. For presentation, see page 5/44.